Yahoo Group Archive: AWAGroup (2014 — 2016)

Yahoo Group summary: AWAGroup

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2018. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2014-01-01 through 2016-12-31

Source WARC: awagroup.1Iv3UmV.warc.gz

Source item: https://archive.org/details/yahoo-groups-2018-08-01T12-53-37Z-36f29d

Messages included in this PDF: 5861

Message records with no body available in the source archive: 25

Messages omitted as spam from this PDF: 3

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

9043. SKN and old set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-01 00:19:18 UTC
From: Daniel Petersen
Topic: 9043 Message: 9043

I am planning to be on on 3563 tonight with my Tinker Box transmitter.
Houre 19:00 to 21:00 pacific time. The TB is a replica of a transmitter
used by the British in WW2.

--

73,
Dan - W7OIL

9044. SKN plan change

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-01 03:08:24 UTC
From: Daniel Petersen
Topic: 9044 Message: 9044

I am moving to 40 for the SKN. 80 is as dead as Caesar!

7032, 7037, 7040, 7047.
73,
Dan - W7OIL

9045. A Word on Heising Plate Modulation

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-01 04:28:50 UTC
From: Charlie
Topic: 9045 Message: 9045

I ran across this ARRL article in a post on the Antique Radio Forum. Seems to be the endpoint of a recent topic.

http://www.arrl.org/news/experimenter-to-honor-early-wireless-pioneers-with-longwave-transmissions

Yes, I have a big old RCA plate choke, intent was to use it to filter the MG set for a Hartley...

HNY

Chas

9046. HNY

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-01 15:13:21 UTC
From: Roger Kuchera
Topic: 9046 Message: 9046

To the League of Extraordinary Gentlemen,
     Let me wish all hands a very Happy New Year.

CUL, Roger/K1TG

9047. new project MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-01 16:23:12 UTC
From: Doug Forbes
Topic: 9047 Message: 9047
Attachments: 1 described; binary payloads are missing from this source WARC

I decided on a MOPA for my next project and in doing some research ran across a nice article in QST called "More Power With Better Frequency Stability". I scanned and OCR'd it for readability and thought others might like it so here it is.

--
Doug Forbes WA6VYN

9048. Re: [AWA Group] new project MOPA [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-01 16:49:50 UTC
From: Eddy Swynar
Topic: 9047 Message: 9048
Attachments: 2 described; binary payloads are missing from this source WARC

On 2014-01-01, at 11:23 AM, Doug Forbes wrote:

> I decided on a MOPA for my next project and in doing some research ran across a nice article in QST called "More Power With Better Frequency Stability". I scanned and OCR'd it for readability and thought others might like it so here it is.
>

Hi Guys,

Speaking of MOPAS, here's the schematic of the 227 MOPA that I have successfully used here in 2 - 3 past BK events...

Note that I put TWO 227s in parallel in the final, vs. just the one, for twice the power input.

~73~ de Eddy VE3CUI - VE3XZ

9049. Re: [AWA Group] new project MOPA [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-01 18:01:33 UTC
From: Steve
Topic: 9047 Message: 9049

Thanks Doug and Eddy....Eddy...how much power do you get out of a pair of 27's....about 5W ??

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

9050. Re: [AWA Group] new project MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-01 18:18:48 UTC
From: Eddy Swynar
Topic: 9047 Message: 9050

Hi Steve,

Thanks for the FB note...

Well, I don't dare put more than 250 VDC on those plates, & the combined dual plate current---on a good say---is something like 40 - 45 ma., so the final input power for a pair is around 10-watts...

At around 60% efficiency, that'd translate to about 6-watts RF output power.

In my rig I deleted the VR circuitry when I discovered that it was mysteriously affecting the frequency stability of the signal---it would suddenly jump around for no obvious reason, & rather than trouble-shooting the root cause, I simply ripped it out. The sig sounded chirpy either way---but this IS 1929, after all, so what the heck, right...?! :o)

~73~ de Eddy VE3CUI - VE3XZ

On 2014-01-01, at 1:01 PM, Steve wrote:

> Thanks Doug and Eddy....Eddy...how much power do you get out of a pair of
> 27's....about 5W ??
>
> Steve
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
>

9051. Re: [AWA Group] new project MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-01 18:36:35 UTC
From: Steve
Topic: 9047 Message: 9051

>At around 60% efficiency, that'd translate to about 6-watts RF output
>power.

sounds just about right and a very inexpensive way to get a '29 rig with some decent power on the air. The 27's are prety easy to find.

>The sig sounded chirpy either way---but this IS 1929, after all, so what
>the heck, right...?! :o)

I love chirp but I sure don't like the jumping around when antennas blow in the wind. I am thinking once again about building an amplifier for the Hull Hartley to remove my BK windy-night angst that I go through each time....probably a single '10'. I have considered a completely new build, with oscillator and PA but since I have a perfectly good Hull Hartley, why not just use that to drive a new PA only.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

9052. Re: [AWA Group] new project MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-01 18:42:46 UTC
From: Eddy Swynar
Topic: 9047 Message: 9052

On 2014-01-01, at 1:36 PM, Steve wrote:

>
>
>> At around 60% efficiency, that'd translate to about 6-watts RF output
>> power.
>
> sounds just about right and a very inexpensive way to get a '29 rig with
> some decent power on the air. The 27's are prety easy to find.
>
>> The sig sounded chirpy either way---but this IS 1929, after all, so what
>> the heck, right...?! :o)
>
> I love chirp but I sure don't like the jumping around when antennas blow in
> the wind. I am thinking once again about building an amplifier for the Hull
> Hartley to remove my BK windy-night angst that I go through each
> time....probably a single '10'. I have considered a completely new build,
> with oscillator and PA but since I have a perfectly good Hull Hartley, why
> not just use that to drive a new PA only.
>
> Steve
>

Hi Steve,

Well, that's certainly a HUGE advantage---to me as well, at any rate---over using a MOPA vs. a self-oscillating rig, i.e. no wind "wobbulation" to detract from an otherwise "pristine" 1929-style signal...

...And yes, those 227s are STILL plentiful & relatively cheap---only don't force-feed them with anything more than 250-VDC! I once did just that, with some 350-VDC, & saw small chunks of glowing plate material spewing off of the thing to the bottom of the envelope!

Like everything else, I guess---"IN MODERATION", Hi Hi

~73~ de Eddy VE3CUI - VE3XZ

9053. Re: [AWA Group] new project MOPA [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-02 00:59:20 UTC
From: Ron Barlow
Topic: 9047 Message: 9053
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Eddy,

Many thanks for sharing the info on ur MOPA.

I hope that your knees are recovering well!

Vy 73 & HNY to you and all AWAGroup members

Ron n4gjv

From: Eddy Swynar <deswynar@...>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, January 1, 2014 11:49 AM
Subject: Re: [AWA Group] new project MOPA [2 Attachments]

On 2014-01-01, at 11:23 AM, Doug Forbes wrote:

>I decided on a MOPA for my next project and in doing some research ran across a nice article in QST called "More Power With Better Frequency Stability". I scanned and OCR'd it for readability and thought others might like it so here it is.
>

Hi Guys,

Speaking of MOPAS, here's the schematic of the 227 MOPA that I have successfully used here in 2 - 3 past BK events...

Note that I put TWO227s in parallel in the final, vs. just the one, for twice the power input.

~73~ de Eddy VE3CUI - VE3XZ

9054. Re: [AWA Group] 841 Hartley experiments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-02 03:25:44 UTC
From: Ron Barlow
Topic: 9029 Message: 9054

Hi Steve,

Thanks again for sharing the results of your interesting experiments!

I am surprised that adding only 100 ohms to a ~ 2000 ohm grid leak caused a 7% power out reduction.

I did not realize that you had a DVM. Perhaps a ~ 10 ohm resistor, instead of 100 ohms, while using the millivolt range on the DVM would have resulted in a negligible amount of power reduction & would have been a better recommendation.

Vy 73 de Ron

From: Steve Flood <kk7uv@...>
To: awagroup@yahoogroups.com
Sent: Tuesday, December 31, 2013 12:56 PM
Subject: RE: [AWA Group] 841 Hartley experiments

>observe both the plate current and the power output, before and after attaching the meter. If either measurement changes significantly, the addition of the meter has affected the oscillator performance,

OK, I gave that a try. The presence of the leads is having an effect. I tried two modern DVM's (Fluke 27 and Extech 330).

Leads' location	Parameter	Fluke	Extech
Grid to C.T.	Power Out	Down 61%	Down 7%
	Plate current	Down 28%	Down 4%
Across grid resistor	Power Out	Down 15%	Down 8%
	Plate current	Up 3%	Up 2%

>break the connection between the tap on L-2, and the two C-5 (2000 pf) capacitors. Install a temporary .01 mfd mica or disc ceramic capacitor, shunted with a 100 ohm resistor across the open circuit that you just created. Now, apply power to the oscillator, and measure the voltage drop across the 100 ohm resistor.

OK, did that.

Use a meter that will not be affected by RF, and locate the meter at least a couple of feet away from the Hartley. (You could add Rf chokes in the leads to the meter, at the meter end of the meter leads, and another .01 mfd cap, at the meter tereminals, to eliminate the affects of RF, on the meter reading).

Not sure how RF-immune my meters really are, so I used the chokes and additional bypass cap. At least with this method, there was no change in plate current between leads attached/disconnected across the 100-ohm/.01uF. However, there was a 7% difference in power output. As far as grid voltage and current readings, I came up with consistently

higher readings for both using your metering method.

Thanks Ron!

Steve, KK7UV

9055. Re: [AWA Group] new project MOPA [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-02 03:36:08 UTC
From: Ron Barlow
Topic: 9047 Message: 9055

Many thanks, Doug, for posting that excellent article!

Lots of interesting info, on the list, recently!!

73 de Ron n4gjv

From: Doug Forbes <dougforbes@dslextreme.com>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, January 1, 2014 11:23 AM
Subject: [AWA Group] new project MOPA [1 Attachment]

I decided on a MOPA for my next project and in doing some research ran across a nice article in QST called "More Power With Better Frequency Stability". I scanned and OCR'd it for readability and thought others might like it so here it is.

-- Doug Forbes WA6VYN

9056. new project MOPA [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-02 07:09:09 UTC
From: Louis Vermond
Topic: 9047 Message: 9056

Hi Doug, What is the month and year of this QST article? Tks, Lou

----- Original Message -----
From: Doug Forbes
To: AWAGroup@yahoogroups.com
Sent: 2014-01-01 11:23 AM
Subject: [AWA Group] new project MOPA [1 Attachment]

I decided on a MOPA for my next project and in doing some research ran across a nice article in QST called "More Power With Better Frequency Stability". I scanned and OCR'd it for readability and thought others might like it so here it is.

--
Doug Forbes WA6VYN

9057. Re: [AWA Group] new project MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-02 15:43:29 UTC
From: Doug Forbes
Topic: 9047 Message: 9057

Hi Lou,

February 1931. I should have put that on the OCR'd one.

Doug Forbes WA6VYN
Professor (Ret.) / Department Chair
Computer Science / Electronics / Music Technology
College of the Canyons

http://sites.google.com/site/dougforbes1/home

On 1/1/2014 11:09 PM, Louis Vermond wrote:
>
>
> Hi Doug, What is the month and year of this QST article? Tks, Lou
>
> ----- Original Message -----
> *From:* Doug Forbes <mailto:dougforbes@...>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* 2014-01-01 11:23 AM
> *Subject:* [AWA Group] new project MOPA [1 Attachment]
>
> I decided on a MOPA for my next project and in doing some research
> ran across a nice article in QST called "More Power With Better
> Frequency Stability". I scanned and OCR'd it for readability and
> thought others might like it so here it is.
>
> --
> Doug Forbes WA6VYN
>
>
>
>
>

9058. Re: [AWA Group] new project MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-02 15:45:50 UTC
From: Doug Forbes
Topic: 9047 Message: 9058

Thanks Ron. You're right about the interesting stuff. I hope it
continues even in the wake of the Bruce Kelly.

Doug Forbes WA6VYN
Professor (Ret.) / Department Chair
Computer Science / Electronics / Music Technology
College of the Canyons

http://sites.google.com/site/dougforbes1/home

On 1/1/2014 7:36 PM, Ron Barlow wrote:
>
>
> Many thanks, Doug, for posting that excellent article!
> Lots of interesting info, on the list, recently!!
> 73 de Ron n4gjv
> *From:* Doug Forbes <dougforbes@...>
> *To:* AWAGroup@yahoogroups.com
> *Sent:* Wednesday, January 1, 2014 11:23 AM
> *Subject:* [AWA Group] new project MOPA [1 Attachment]
>
> I decided on a MOPA for my next project and in doing some research ran
> across a nice article in QST called "More Power With Better Frequency
> Stability". I scanned and OCR'd it for readability and thought others
> might like it so here it is.
>
> --
> Doug Forbes WA6VYN
>
>
>
>
>

9059. Re: [AWA Group] new project MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-02 15:48:01 UTC
From: Louis Vermond
Topic: 9047 Message: 9059

Thank you, Doug. Lou

----- Original Message -----
From: Doug Forbes
To: AWAGroup@yahoogroups.com
Sent: 2014-01-02 10:43 AM
Subject: Re: [AWA Group] new project MOPA

Hi Lou,

February 1931. I should have put that on the OCR'd one.

Doug Forbes WA6VYN
Professor (Ret.) / Department Chair
Computer Science / Electronics / Music Technology
College of the Canyons

http://sites.google.com/site/dougforbes1/homeOn 1/1/2014 11:09 PM, Louis Vermond wrote:

Hi Doug, What is the month and year of this QST article? Tks, Lou

----- Original Message -----
From: Doug Forbes
To: AWAGroup@yahoogroups.com
Sent: 2014-01-01 11:23 AM
Subject: [AWA Group] new project MOPA [1 Attachment]

I decided on a MOPA for my next project and in doing some research ran across a nice article in QST called "More Power With Better Frequency Stability". I scanned and OCR'd it for readability and thought others might like it so here it is.

--
Doug Forbes WA6VYN

9060. Re: [AWA Group] new project MOPA [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-02 17:37:58 UTC
From: N1BUG
Topic: 9047 Message: 9060

Thanks Doug!

I've read that article several times since I discovered it two years ago. Although the article was published in 1931, I see no reason why some of the MOPA designs suggested could not be considered "1929" so long as the tubes are chosen appropriately. It could have been done in 1929, probably even was done. I was looking really hard at the screen grid tubes as a possible add-on for my UX-210 TNT. I have a UX-865 and a UX-860. One note on the article: I assume the suggested C3 voltage rating for the '65 and '60 amplifier tubes in the table of constants was put there in error. The screen grid tubes aren't supposed to need neutralizing, and C3 isn't shown on that schematic.

I've abandoned plans to build another stage / MOPA but it would have been a fun thing to build and operate!

Happy 2014 everyone!

73,
Paul "Bugsy" N1BUG

9061. Miller Coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-02 17:46:56 UTC
From: Michael A. Bittner
Topic: 9061 Message: 9061
Attachments: 1 described; binary payloads are missing from this source WARC

Does anyone have a Miller #626-A coil for sale or trade? This is an antenna coil covering .54 - 18 Mhz in three bands. I have some extra Miller 626-RF and 626-OSC coils to trade or for cash. Mike, W6MAB

9062. RE: [AWA Group] new project MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-02 19:15:16 UTC
From: Steve Flood
Topic: 9047 Message: 9062

Something also to note if anyone proceeds with Grammer's MOPA information:

The -45v grid bias for the 10 and 865 tubes noted in the table are not nearly enough to produce cutoff.

Jim W8KGI noted this in an article in Electric Radio (June 2011) for his 10-10 MOPA build, and I found it was also true when building my 45-865 MOPA. Jim used -100v for the 10, and I used -90v for the 865. I made my bias adjustable from the bias supply with a 10k pot instead of 10k fixed resistance, the only reason being so that I could find the exact voltage where plate cutoff occurred while test-bedding.

With only -45 bias, I was running 10mA of zero-signal plate current (standby), and getting 49% PA efficiency. (Class AB2 I presume?).

Adjusting bias right at cutoff was around 60% efficiency.

With -90v bias, I was well past cutoff and got 70% efficiency. (Class C?)

The 31 handbook does show -50v for Class B and -100v for Class C operation.

Steve, KK7UV

9063. RE: [AWA Group] new project MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-02 19:31:36 UTC
From: Steve Flood
Topic: 9047 Message: 9063

...I forgot to add that there is nothing wrong with AB2 operation of the PA.

It is supposed to be more "linear" and probably translates to cleaner sigs and less harmonics.

The lower efficiency will probably mean that there minimal gain in power output over just running the oscillator, but at the greatly added benefit of isolating the oscillator from Mayne Island winds.

- KK7UV

9064. MOPAs are Valid for 1929 QSO Party

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-02 19:01:32 UTC
From: whitebear1122@...
Topic: 9047 Message: 9064

MOPA's are valid for the 1929 QSO Party no matter when the article was published as long as the oscillator is self excited and the tubes were available in 1929 or earlier. My first 29 transmitter was a MOPA, a 27 Hartley driving a pair of 27's in parallel. For the past several years I've been using push-pull Colpitts with a pair of 10's. I'm thinking of building a new transmitter for the next few years, maybe a MOPA with a Colpitts oscillator driving a 211 or just a single tube Colpitts with the 211.

73, Scott WA9WFA
----- Original Message -----

From: "N1BUG" <paul@...>
To: AWAGroup@yahoogroups.com
Sent: Thursday, January 2, 2014 11:37:58 AM
Subject: Re: [AWA Group] new project MOPA
Thanks Doug!
I've read that art icle several times since I discovered it two years ago. Although the arti cle was publis hed in 1931, I see no reason why some of the MOPA designs suggested could not be considered "1929" so long as the tubes a re chosen appropriately. It could have been done in 1929, pr obably even was done. I was looking really hard at the screen grid tubes as a possible add-on for my UX-210 TNT. I have a UX- 865 and a UX-860. One note on the article: I assume t he suggested C3 voltage rating for the '65 and '60 amplifier tubes in the tabl e of constants was put there in error. The screen grid tubes aren't suppo sed to need neu tralizing, and C3 isn't show n on that s chematic .
I've abandoned plans to build a nother s tage / MOPA but it would have been a fu n thing to build and o perate!
Happy 2014 everyone!
73,
Paul "Bugsy" N1BUG

9065. Re: [AWA Group] new project MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-02 19:57:14 UTC
From: Steve
Topic: 9047 Message: 9065

>but at the greatly added benefit of
> isolating the oscillator from Mayne Island winds.

...hhhmmm

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

9066. Gizmo

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-02 20:23:02 UTC
From: Michael A. Bittner
Topic: 9066 Message: 9066
Attachments: 1 described; binary payloads are missing from this source WARC

Does anyone know what this gizmo is for? Standard Bud 4-pin plug-in coil form with 4-pin socket attached to top and SPDT toggle switch on the side. Eyelet attachment of socket to small L-brackets which are eyeleted to the sides of the form suggests factory made. Something inside with 1K resistance can be switched from pin 2 on the bottom to pin 2 or 3 on the top. The large pins, 1 and 4, run straight through bottom to top. Pin 3 on bottom is not connected. What was this possibly used for?
Mike, W6MAB

9067. Re: [AWA Group] Gizmo [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-02 20:42:09 UTC
From: Leonard Meek
Topic: 9067 Message: 9067

I have an antique National radio from Japan that uses a 12F rectifier that looks like a 12A without a grid or grid pin on the base. This could be an adapter to sub an 80 (or similar) tube for the 12F.

Leonard

----- Original Message -----
From: Michael A. Bittner
To: AWAGroup@...m
Sent: Thursday, January 02, 2014 10:23 AM
Subject: [AWA Group] Gizmo [1 Attachment]

Does anyone know what this gizmo is for? Standard Bud 4-pin plug-in coil form with 4-pin socket attached to top and SPDT toggle switch on the side. Eyelet attachment of socket to small L-brackets which are eyeleted to the sides of the form suggests factory made. Something inside with 1K resistance can be switched from pin 2 on the bottom to pin 2 or 3 on the top. The large pins, 1 and 4, run straight through bottom to top. Pin 3 on bottom is not connected. What was this possibly used for?
Mike, W6MAB

9068. Re: [AWA Group] Gizmo

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-02 21:21:08 UTC
From: Michael A. Bittner
Topic: 9066 Message: 9068

So when plugged into the 12F socket and an 80 plugged into the top, you can switch to either of the 80's plates, but not both at once. Interesting possibility, Leonard!

Mike, W6MAB
-
-
----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com
Sent: Thursday, January 02, 2014 12:42 PM
Subject: Re: [AWA Group] Gizmo

I have an antique National radio from Japan that uses a 12F rectifier that looks like a 12A without a grid or grid pin on the base. This could be an adapter to sub an 80 (or similar) tube for the 12F.

Leonard

----- Original Message -----
From: Michael A. Bittner
To: AWAGroup@yahoogroups.com
Sent: Thursday, January 02, 2014 10:23 AM
Subject: [AWA Group] Gizmo [1 Attachment]

Does anyone know what this gizmo is for? Standard Bud 4-pin plug-in coil form with 4-pin socket attached to top and SPDT toggle switch on the side. Eyelet attachment of socket to small L-brackets which are eyeleted to the sides of the form suggests factory made. Something inside with 1K resistance can be switched from pin 2 on the bottom to pin 2 or 3 on the top. The large pins, 1 and 4, run straight through bottom to top. Pin 3 on bottom is not connected. What was this possibly used for?
Mike, W6MAB

9069. Re: [AWA Group] new project MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-02 23:44:26 UTC
From: Ron Barlow
Topic: 9047 Message: 9069

I am glad to learn that you still apparently have electrical svc., up there, despite the storms, Paul!

If I understand correctly, the vintage of the circuit design is the defining parameter. Therefore, for example, the pre 1930 oscillator circuit designs (Hartley, Colpitts, TNT, TPTG, Meissner, etc.) are "legal", but the ECO (Electron Coupled Oscillator) is not, as it is a post 29 (1931??) innovation.

I guess that my "thinking" is inverted! I started out with a MOPA, and decided that (in my view) a single stage QRP Hartley xmtr. seemed like it would be more in the "spirit" of things, and more fun. After several years of use, the Hartleys are still in use!

73 & HNY de Ron n4gjv

From: N1BUG <paul@...>
To: AWAGroup@yahoogroups.com
Sent: Thursday, January 2, 2014 12:37 PM
Subject: Re: [AWA Group] new project MOPA

Thanks Doug!

I've read that article several times since I discovered it two years ago. Although the article was published in 1931, I see no reason why some of the MOPA designs suggested could not be considered "1929" so long as the tubes are chosen appropriately. It could have been done in 1929, probably even was done. I waslooking really hard at the screen grid tubes as a possible add-on for my UX-210 TNT. I have a UX-865 and a UX-860. One note on the article: I assume the suggested C3 voltage rating for the '65 and '60 amplifier tubes in the table of constants was put there in error. The screen grid tubes aren't supposed to need neutralizing, and C3 isn't shown on that schematic.

I've abandoned plans to build another stage / MOPA but it would have been a fun thing to build and operate!

Happy 2014 everyone!

73,
Paul "Bugsy" N1BUG

9070. GETTER MATERIALS

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-02 23:52:25 UTC
From: Louis Vermond
Topic: 9070 Message: 9070

http://www.thevalvepage.com/valvetek/getter/getter.htm

9071. Re: [AWA Group] new project MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-03 17:24:34 UTC
From: N1BUG
Topic: 9047 Message: 9071

Hi Ron, and all...

So far, no power outages here! But we are having something of an "old fashioned" winter after many years of mild ones. As of 10:00 AM today I had light snow, -11°F, wind 5-10 gusting 15mph. Just another day in paradise?

I take your point about the simple self excited oscillator seeming more in the "spirit" of things, at least as far as the Bruce Kelley is concerned. I'm afraid I fell in love with the classic appearance of the old time rigs. I have to admit, more than any other consideration, appearance was the attraction for me. For 30 years I had paused to stare at photographs of 1920s rigs wherever I found them. My friends insist I would get a far off, dreamy look in my eyes while doing so. I'm not sure I believe that, but it might be true? ? ? :-) It never occurred to me to build one until you introduced me to the idea of the Bruce Kelley party and these things still being used on the air! I realized from the outset that most period rigs didn't look like the ones in magazine articles of the day. Nevertheless that look was the look I wanted to capture. It just calls to me!

Originally I had planned to build only a simple oscillator transmitter. Having doubts about finding the parts to make a Hull Hartley look as I would have wanted, I settled on the TNT. Then I discovered the receiver which had appeared in QST the previous month, and thought I should like to build that too. Then the real trouble started! In the course of my research I had fallen in love with some of the early rigs employing more than one stage. Those majestic tubes, dials, and meters lined up was too much to resist. It didn't take long for an image to form in my head. MOPA, meet BUG. I could clearly see a two or three stage '29 rig with type A velvet verniers and Jewell 54 meters on each stage sitting atop my operating table or displayed in the living room! (I'm single, I can get away with stuff :) I was off to the races!

Rational thought has now managed to re-establish a foothold. Perhaps one day I can revisit the idea of the "big '29 rig." :-)

73,
Paul "Bugsy" N1BUG

On 01/02/2014 06:44 PM, Ron Barlow wrote:

I am glad to learn that you still apparently have electrical svc., up there, despite the storms, Paul!

If I understand correctly, the vintage of the circuit design is the defining parameter. Therefore, for example, the pre 1930 oscillator circuit designs (Hartley, Colpitts, TNT, TPTG, Meissner, etc.) are "legal", but the ECO (Electron Coupled Oscillator) is not, as it is a post 29 (1931??) innovation.

I guess that my "thinking" is inverted! I started out with a MOPA, and decided that (in my view) a single stage QRP Hartley xmtr. seemed like it would be more in the "spirit" of things, and more fun. After several years of use, the Hartleys are still in use!

73 & HNY de Ron n4gjv

9072. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-04 00:03:39 UTC
From: Louis Vermond
Topic: 130 Message: 9072

http://www.ebay.com/itm/IGNITION-RUHMKORFF-SPARK-COIL-INDUCTION-SCIENTIFIC-INSTRUMENT-PHYSICS-WOOD-CASE/360816152836?hash=item5402519104#ht_157wt_1105

9073. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-04 00:16:26 UTC
From: Mike Feher
Topic: 130 Message: 9073

This is a modern laboratory coil. It even sports a zip code. Value, about $10 USD. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Friday, January 03, 2014 7:04 PM
To: AWAGroup
Subject: [AWA Group] eBay Alert

http://www.ebay.com/itm/IGNITION-RUHMKORFF-SPARK-COIL-INDUCTION-SCIENTIFIC-INSTRUMENT-PHYSICS-WOOD-CASE/360816152836?hash=item5402519104#ht_157wt_1105

9074. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-04 04:27:12 UTC
From: Louis Vermond
Topic: 130 Message: 9074

Yes, but good for a quarter mile...

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: 2014-01-03 7:16 PM
Subject: RE: [AWA Group] eBay Alert

This is a modern laboratory coil. It even sports a zip code. Value, about $10 USD. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Friday, January 03, 2014 7:04 PM
To: AWAGroup
Subject: [AWA Group] eBay Alert

http://www.ebay.com/itm/IGNITION-RUHMKORFF-SPARK-COIL-INDUCTION-SCIENTIFIC-INSTRUMENT-PHYSICS-WOOD-CASE/360816152836?hash=item5402519104#ht_157wt_1105

9075. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-04 04:30:07 UTC
From: Mike Feher
Topic: 130 Message: 9075

So is a Ford Model T spark coil. They can be had for about $10, and, are period authentic, and, many young hams of the time did use them. I did in the late 50's. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Friday, January 03, 2014 11:27 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert

Yes, but good for a quarter mile...

----- Original Message -----

From: Mike Feher <mailto:n4fs@...>

To: AWAGroup@yahoogroups.com

Sent: 2014-01-03 7:16 PM

Subject: RE: [AWA Group] eBay Alert

This is a modern laboratory coil. It even sports a zip code. Value, about $10 USD. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Friday, January 03, 2014 7:04 PM
To: AWAGroup
Subject: [AWA Group] eBay Alert

http://www.ebay.com/itm/IGNITION-RUHMKORFF-SPARK-COIL-INDUCTION-SCIENTIFIC-INSTRUMENT-PHYSICS-WOOD-CASE/360816152836?hash=item5402519104#ht_157wt_1105

9076. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-04 04:35:20 UTC
From: Louis Vermond
Topic: 130 Message: 9076

I was not suggesting that anyone should buy it of course. It's just, "neat" by several definitions.

I did in the late 50's. 73 - Mike Best DX?

9077. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-04 04:42:43 UTC
From: Mike Feher
Topic: 130 Message: 9077

Best DX was an almost electrocution in the back yard. But, that is how one learns. - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Friday, January 03, 2014 11:35 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert

I was not suggesting that anyone should buy it of course. It's just, "neat" by several definitions.

I did in the late 50's. 73 - Mike Best DX?

9078. Spark Collection .... Mike West

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-04 14:39:24 UTC
From: Louis Vermond
Topic: 9078 Message: 9078

http://www.flickr.com/photos/26065097@N04/sets/72157622917441518/

9079. RE: [AWA Group] Spark Collection .... Mike West

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-04 14:49:32 UTC
From: barry whittemore
Topic: 9078 Message: 9079

thats awesome.
I have one of the Bowman Keys.
Barry
NF1O

To: AWAGroup@yahoogroups.com
From: ldvermond@...
Date: Sat, 4 Jan 2014 09:39:24 -0500
Subject: [AWA Group] Spark Collection .... Mike West

http://www.flickr.com/photos/26065097@N04/sets/72157622917441518/

9080. RE: [AWA Group] Spark Collection .... Mike West

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-04 16:18:38 UTC
From: Mike Feher
Topic: 9078 Message: 9080

I know Craig, but did not realize he had his collection so nicely displayed. It is a nice collection and a nice display, but, I do not really see anything rare or unusual. Unfortunately, I have a lot more, but, not displayed as well. However, I am working on it. Maybe when I retire, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Saturday, January 04, 2014 9:39 AM
To: AWAGroup
Subject: [AWA Group] Spark Collection .... Mike West

http://www.flickr.com/photos/26065097@N04/sets/72157622917441518/

9081. eBay alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-05 23:51:14 UTC
From: Andy Nechaevsky
Topic: 1811 Message: 9081

Large Globular 1920's LS1 Valve and AT40 Valve http://r.ebay.com/NF7tsb

9082. Andy's eBay alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-06 00:22:51 UTC
From: Louis Vermond
Topic: 9082 Message: 9082
Attachments: 1 described; binary payloads are missing from this source WARC

Ain't they just Lovely, Andy!

No eating this month...

9083. RE: [AWA Group] Andy's eBay alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-06 01:06:55 UTC
From: Mike Feher
Topic: 9082 Message: 9083
Attachments: 1 described; binary payloads are missing from this source WARC

Yes, those might look nice in one of my recent purchases:

http://www.ebay.com/itm/331080385622

Right now I have "R' valves in it. It did not come with the tubes as pictured. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Sunday, January 05, 2014 7:23 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Andy's eBay alert

Ain't they just Lovely, Andy!

No eating this month...

9084. Re: [AWA Group] Andy's eBay alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-06 02:20:58 UTC
From: Louis Vermond
Topic: 9082 Message: 9084
Attachments: 3 described; binary payloads are missing from this source WARC

Aren't the earlier Rs more appropriate to the receiver?

Anyway...

This is why I shifted my gaze from Cardwells. Not even the Crofoot can match UK and EU OT parts...

9085. RE: [AWA Group] Andy's eBay alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-06 02:26:13 UTC
From: Mike Feher
Topic: 9082 Message: 9085
Attachments: 3 described; binary payloads are missing from this source WARC

Not really - the "R" valve was more common during WWI and this radio is mid 1920's. - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Sunday, January 05, 2014 9:21 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Andy's eBay alert

Aren't the earlier Rs more appropriate to the receiver?

Anyway...

This is why I shifted my gaze from Cardwells. Not even the Crofoot can match UK and EU OT parts...

9086. Re: [AWA Group] Andy's eBay alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-06 18:10:15 UTC
From: Andy Nechaevsky
Topic: 9082 Message: 9086
Attachments: 1 described; binary payloads are missing from this source WARC

Sure, Lou. Too gorgeous to be single :)

On 6 January 2014 00:22, Louis Vermond <ldvermond@...> wrote:

>
>
> Ain't they just Lovely, Andy!
>
> No eating this month...
>
>
>
>
>

--
73! Andy

9087. Want to Buy: Two Miller 1730 IF Transformers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-06 20:18:55 UTC
From: whitebear1122@...
Topic: 9087 Message: 9087

Greetings and Happy New Year from the Frozen Tundra of Minnesota. Brrrrr..

Want to Buy: two Miller 1730 IF Transformers. I've just completed a major radio sell off that consumed most of my radio time for the past 3 years. I am now ready to get back to my Home Brew Receiver (HBR) receiver project, a 12 or 13 tube superhetrodyne receiver designed by Ted Crosby W6TC back in the 60's and featured in QST.

I want to buy two Miller 1730 IF transformers, they are 1800 Khz so sort of an oddball frequency. If I can't find any then I'll proceed with a set of ARC5 BC-454 1415 Kc IF transformers that I just acquired, but I'd like to take one last look for the 1730's before punching the chassis. Can you please check your junk box for me?

I'm also looking to buy a BUD style cabinet that handles a 19" rack panel, is maybe 10" tall, has a lid. The style I've seen has rounded vertical edges on the front, and a lid.

Thanks. Best Regards, Scott WA9WFA in Saint Paul MN

9088. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-07 00:49:46 UTC
From: Louis Vermond
Topic: 130 Message: 9088

http://www.ebay.ca/itm/National-Transformer-S101-Vintage-Tube-Ham-Radio-Receiver-Part-for-SW3-/121249622956#ht_96wt_1105

9089. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-07 00:57:31 UTC
From: Steve
Topic: 130 Message: 9089

I've been looking for one of these for years but not at this price and untested. Apparently most of the reclaimed ones have a high 'open circuit' rate and chances of ever finding a good one are slim.

Steve

http://www.ebay.ca/itm/National-Transformer-S101-Vintage-Tube-Ham-Radio-Receiver-Part-for-SW3-/121249622956#ht_96wt_1105

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

9090. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-07 02:18:19 UTC
From: Mike Feher
Topic: 130 Message: 9090

Seems like all of his prices are ridiculous. Heck, for twice that you can probably buy an SW-3. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

-----Original Message-----
From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Steve
Sent: Monday, January 06, 2014 7:58 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert

I've been looking for one of these for years but not at this price and untested. Apparently most of the reclaimed ones have a high 'open circuit' rate and chances of ever finding a good one are slim.

Steve

http://www.ebay.ca/itm/National-Transformer-S101-Vintage-Tube-Ham-Radio-Receiver-Part-for-SW3-/121249622956#ht_96wt_1105

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

9091. TNT display

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-08 20:26:44 UTC
From: N1BUG
Topic: 9091 Message: 9091
Attachments: 1 described; binary payloads are missing from this source WARC

Lou suggested I share this picture of the TNT in its usual position... on display in the living room. Every visitor, both ham and non-ham asks about it sooner or later. :-)

The key is displayed to the left, not visible in the photo. Eventually I hope to have the little antenna coupler / RF ammeter displayed similarly -- but not until I can get a dust cover made for it. I cleaned those parts once... :-)

73,
Paul "Bugsy" N1BUG

9092. RE: [AWA Group] TNT display [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-08 20:34:16 UTC
From: Mike Feher
Topic: 9091 Message: 9092

I just do not understand how people can live in such neat uncluttered spaces. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of N1BUG
Sent: Wednesday, January 08, 2014 3:27 PM
To: AWAGroup
Subject: [AWA Group] TNT display [1 Attachment]

Lou suggested I share this picture of the TNT in its usual position... on display in the living room. Every visitor, both ham and non-ham asks about it sooner or later. :-)

The key is displayed to the left, not visible in the photo. Eventually I hope to have the little antenna coupler / RF ammeter displayed similarly -- but not until I can get a dust cover made for it. I cleaned those parts once... :-)

73,
Paul "Bugsy" N1BUG

9093. RE: [AWA Group] TNT display [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-08 20:37:47 UTC
From: Steve Flood
Topic: 9091 Message: 9093

Nice Paul,

Did you just glue together some plexiglass panels for the cover?

- Steve, KK7UV

9094. Re: [AWA Group] TNT display

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-08 20:40:57 UTC
From: N1BUG
Topic: 9091 Message: 9094

I just do not understand how people can live in such neat uncluttered spaces.

False impression Mike. :) I was very careful where I pointed the camera. The area around the TNT is the largest uncluttered spot in the house!

73,
Paul "Bugsy" N1BUG

9095. Re: [AWA Group] TNT display

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-08 20:45:11 UTC
From: N1BUG
Topic: 9091 Message: 9095

Did you just glue together some plexiglass panels for the cover?

No Steve, I could never get the edges that straight and clear. I had the case made by JR's Custom Acrylics. He's on the web. No affiliation, just a satisfied customer.

73,
Paul "Bugsy" N1BUG

9096. Re: [AWA Group] TNT display

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-08 21:40:30 UTC
From: Larry Szendrei
Topic: 9091 Message: 9096

On 1/8/14 3:34 PM, Mike Feher wrote:
>
> I just do not understand how people can live in such neat uncluttered
> spaces. 73 -- Mike
>

It's the sign of a sick mind, I'll tell ya! ;-)

73,
-Larry/NE1S

9097. Re: [AWA Group] TNT display [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-08 21:44:04 UTC
From: Eddy Swynar
Topic: 9091 Message: 9097

On 2014-01-08, at 3:26 PM, N1BUG wrote:

> Lou suggested I share this picture of the TNT in its usual position... on display in the living room. Every visitor, both ham and non-ham asks about it sooner or later. :-)
>
> The key is displayed to the left, not visible in the photo. Eventually I hope to have the little antenna coupler / RF ammeter displayed similarly -- but not until I can get a dust cover made for it. I cleaned those parts once... :-)
>
> 73,
> Paul "Bugsy" N1BUG
>
>
>

Hi Paul,

Looks absolutely SUPER...

Yes, I can well imagine how a visiting "...audiofool" might react at the sight of that rig---probably think it's some sort of a super wide-frequency audio amplifier, & will immediately offer you $1K for it on the spot! Hi Hi

Nice job.

~73~ de Eddy VE3CUI - VE3XZ
> <tnt-display.jpg>

9098. RE: [AWA Group] TNT display

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-08 21:55:21 UTC
From: Mike Feher
Topic: 9091 Message: 9098
Attachments: 1 described; binary payloads are missing from this source WARC

Photo

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Larry Szendrei
Sent: Wednesday, January 08, 2014 4:41 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] TNT display

On 1/8/14 3:34 PM, Mike Feher wrote:

I just do not understand how people can live in such neat uncluttered spaces. 73 - Mike

It's the sign of a sick mind, I'll tell ya! ;-)

73,
-Larry/NE1S

9099. Re: [AWA Group] TNT display [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-08 22:02:01 UTC
From: Doug Forbes
Topic: 9091 Message: 9099

What's that silver box with the glass lid on the shelf above it ?

Doug

On 1/8/2014 12:26 PM, N1BUG wrote:
>
>
> Lou suggested I share this picture of the TNT in its usual position...
> on display in the living room. Every visitor, both ham and non-ham
> asks about it sooner or later. :-)
>
> The key is displayed to the left, not visible in the photo. Eventually
> I hope to have the little antenna coupler / RF ammeter displayed
> similarly -- but not until I can get a dust cover made for it. I
> cleaned those parts once... :-)
>
> 73,
> Paul "Bugsy" N1BUG
>
>
>
>

9100. RE: [AWA Group] TNT display

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-08 22:14:22 UTC
From: Mike Feher
Topic: 9091 Message: 9100

Looks like an old CD player that played those big black CDs. - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Doug Forbes
Sent: Wednesday, January 08, 2014 5:02 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] TNT display

What's that silver box with the glass lid on the shelf above it ?

Doug

On 1/8/2014 12:26 PM, N1BUG wrote:

Lou suggested I share this picture of the TNT in its usual position... on display in the living room. Every visitor, both ham and non-ham asks about it sooner or later. :-)

The key is displayed to the left, not visible in the photo. Eventually I hope to have the little antenna coupler / RF ammeter displayed similarly -- but not until I can get a dust cover made for it. I cleaned those parts once... :-)

73,
Paul "Bugsy" N1BUG

9101. Re: [AWA Group] TNT display

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-08 23:59:05 UTC
From: N1BUG
Topic: 9091 Message: 9101

Actually it's (almost) another antique. It's a turntable. Remember vinyl records?

73,
Paul "Bugsy" N1BUG

On 01/08/2014 05:14 PM, Mike Feher wrote:

Looks like an old CD player that played those big black CDs. – 73 – Mike

What's that silver box with the glass lid on the shelf above it ?

9102. Terra X - Das unsichtbare Netz (1/4) - Marconi & Co. - 4 parts

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-11 14:32:06 UTC
From: Carsten Esch
Topic: 9102 Message: 9102

... Marconi & Co. - 4 parts ...

Nice pictures from the past. 99% in German unfortunately but 'you might get the idea' ;-)

73ss

Carsten, DL6LAU

9103. Re: [AWA Group] Terra X - Das unsichtbare Netz (1/4) - Marconi & Co. - 4 parts

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-11 14:45:50 UTC
From: Carsten Esch
Topic: 9102 Message: 9103

... ups ...

Link did not made it - here it is:

http://youtu.be/v8qXtu0-__k

73ss

Carsten

Am 11.01.14 15:32, schrieb Carsten Esch:
> ... Marconi & Co. - 4 parts ...
>
> Nice pictures from the past. 99% in German unfortunately but 'you might
> get the idea' ;-)
>
> 73ss
>
> Carsten, DL6LAU
>
>
> ------------------------------------
>
> Yahoo Groups Links
>
>
>
>
>

9104. Linc Cundall 2014

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-11 16:30:20 UTC
From: Daniel Petersen
Topic: 9104 Message: 9104

Provided no natural disasters or lousy memory I should be on with my 1941 Tinker Box replica and homebrew superhet receiver on 7106 KHz (my only crystal between 7100 and 7125). Skeds can be arranged.

--

73,
Dan - W7OIL

9105. Linc Cundall II

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-11 16:43:17 UTC
From: Daniel Petersen
Topic: 9105 Message: 9105

I have uploaded a photo to my W7OIL album of the Tinker Box and homebrew "Greystoke GRC-5" (my fictional name) receiver. It's cunningly hidden as "TB and GRC-5 receiver.jpg".

--

73,
Dan - W7OIL

9106. Re: [AWA Group] Linc Cundall 2014

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-11 17:03:24 UTC
From: Roger Kuchera
Topic: 9104 Message: 9106

I'll look for you Dan. I have an ECO so I can float around. I usually start off around 7.100 Kcs. Hope to QSO with you.

I'll be on with my 50 watter (1934) and RME-69 (1936).

CUL, Roger/K1TG

From: Daniel Petersen <dan.w7oil@...>
To: awagroup <AWAGroup@yahoogroups.com>
Sent: Saturday, January 11, 2014 11:30 AM
Subject: [AWA Group] Linc Cundall 2014

Provided no natural disasters or lousy memory I should be on with my 1941 Tinker Box replica and homebrew superhet receiver on 7106 KHz (my only crystal between 7100 and 7125). Skeds can be arranged.

--

73,
Dan - W7OIL

9107. de K1TG - My vintage setup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-11 17:31:28 UTC
From: Roger Kuchera
Topic: 9107 Message: 9107
Attachments: 1 described; binary payloads are missing from this source WARC

Lou thought some of you might like to see what my vintage setup looks like. This digi pix was taken Christmas Day 2013. This is the setup I'll be using for the Linc Cundall affair.

CUL, Roger/K1TG

9108. RE: [AWA Group] de K1TG - My vintage setup [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-11 18:01:00 UTC
From: Steve Flood
Topic: 9107 Message: 9108
Attachments: 1 described; binary payloads are missing from this source WARC

Very nicer Roger. Please tell us about this beauty.

- Steve KK7UV

9109. Re: [AWA Group] de K1TG - My vintage setup [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-11 20:01:43 UTC
From: Andy Nechaevsky
Topic: 9107 Message: 9109

It looks like a painting - perfect composition, colors (even ignoring the meaning of all those lovely ammeters and scales). So, Lou was right - I like it so much.

73! Andy UU1CC

On 11 January 2014 17:31, Roger Kuchera <rwkuchera@...> wrote:

> Lou thought some of you might like to see what my vintage setup looks like.
> This digi pix was taken Christmas Day 2013. This is the setup I'll be using
> for the Linc Cundall affair.
>
> CUL, Roger/K1TG
>
> Yahoo Groups Links
>
>
>
>

--
73! Andy

9110. Re: [AWA Group] TNT display

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-11 20:43:49 UTC
From: N1BUG
Topic: 9091 Message: 9110
Attachments: 1 described; binary payloads are missing from this source WARC

At my house an empty desk is usually a sign the cat just went across it

9111. K1TG - My vintage setup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-11 21:18:39 UTC
From: Roger Kuchera
Topic: 9111 Message: 9111

I usually don't like tooting my horn but someone asked about the TX. It was originally described in the March/April/May QST of 1934. I have adapted the orignal design somewhat. The original line-up was 59 Osc, 841 Buf/Dblr, 830 PA. The unit shown uses an 89 Osc, 802 Buf/Dblr, 830B PA. I found the 841 tough to deal with. I can run either an ECO or use the 89 as an Xtal Osc. All power supplies are solid state with double-L filtering. No Mercury tubes here! About 60 percent of the parts are period correct. The bread-boards are pine shelving to which I added Aluminum ground planes.

I strive to put the best possible signal on the air. In that respect, I use regulated voltages where needed, a homebrew differential keyer (not period correct) and relay based QSK set up.

Future considerations include an 860 PA stage. It is definitely a work-in-progress.

One can see a portion of my Bliley Xtal holder collection on a board to the left of the TX base.

I submitted an in-depth article on the TX to Electric Radio but as yet it has not published.

Thanks for the interest.

CUL, Roger/K1TG

9112. Kelley QSO?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-12 00:39:12 UTC
From: Louis Vermond
Topic: 9112 Message: 9112

Who here did I work the evening of Dec. 7th on 80 metres? Tks, Lou

9113. Linc Cundall Questions

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-12 18:17:36 UTC
From: Bill Stewart
Topic: 9113 Message: 9113

GA all,
I can't remember from last year...does a QSO with a non-member,
non-participanting station, who just stops by and using a rice box, count?

I also question the 160m freqs...1835-1855kc...is that correct?
If so, would there be a dis-qualification to operate around 1810?
My Meissner works much better below abt 1820kc.

Are you guys gonna be on 160m any particular times?

Tnx...73 de Bill K4JYS

9114. Re: [AWA Group] Kelley QSO?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-12 19:08:24 UTC
From: STEVE MCDONALD
Topic: 9112 Message: 9114

>Who here did I work the evening of Dec. 7th on 80 metres...

I give up....who DID you work??

Steve

9115. Re: [AWA Group] Kelley QSO?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-12 20:15:12 UTC
From: Louis Vermond
Topic: 9112 Message: 9115

I give up....who DID you work?? Grumble grumble...

I'll try again. Doing the Kelley (328) log. For most of that first weekend I use the REL rig. I believe that I gave the year as1929, but not sure now. Would someone please verify or correct?

Lou

9116. Re: [AWA Group] Linc Cundall Questions

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-12 20:17:15 UTC
From: Louis Vermond
Topic: 9113 Message: 9116

Bill,

Click and you shall find...
http://www.antiquewireless.org/uploads/1/6/1/2/16129770/2014_linc_cundall_rules.pdf

9117. Re: [AWA Group] Linc Cundall Questions

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-12 21:06:55 UTC
From: Bill Stewart
Topic: 9113 Message: 9117

Ok, Lou, I read the rules again and guess the non-participant
should not be counted.

How 'bout the 160m questions?
Tnx, Bill

----- Original Message -----

From: "Bill Stewart" <cwopr@...>
To: "AWA Group" <AWAGroup@yahoogroups.com>
Sent: Sunday, January 12, 2014 1:17:36 PM
Subject: [AWA Group] Linc Cundall Questions

GA all,
I can't remember from last year...does a QSO with a non-member,
non-participanting station, who just stops by and using a rice box, count?

I also question the 160m freqs...1835-1855kc...is that correct?
If so, would there be a dis-qualification to operate around 1810?
My Meissner works much better below abt 1820kc.

Are you guys gonna be on 160m any particular times?

Tnx...73 de Bill K4JYS

9118. Re: [AWA Group] Linc Cundall Questions

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-12 23:03:02 UTC
From: STEVE MCDONALD
Topic: 9113 Message: 9118

>How 'bout the 160m questions?

Bill...although I have not entered the LC Party, I'm sure that you can work wherever you chose on 160m for the affair....no one is going to bother spot checking frequencies. Personally, like yourself, I'd feel more at home right at the bottom end where most low power / casual ragchew QSO's take place. Up until not too many years ago, the low end was like all of the other CW bands, strictly for serious DX work but all seems to have changed now as the longhaul seems centered much higher in the band now ...1815-1830 for the most part.

Steve / VE7SL 73

9119. Linc Cundall QSOs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-13 02:32:36 UTC
From: Roger Kuchera
Topic: 9119 Message: 9119

GE gentlemen,
     As I understand the paragraph labeled OBJECTIVE, it would seem that Non-AWA QSOs would count as long as equivalent info was passed. My interpretation may be incorrect though.

     The text reads "or other participating stations preferably using pre-1950 gear and low power."

CUL, Roger/K1TG

9120. Re: [AWA Group] Linc Cundall Questions

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-14 15:01:40 UTC
From: Bill Stewart
Topic: 9113 Message: 9120

Hey Steve,
I too, feel better hanging around in the 1.8 to 1.815 area, esp with a not-to-todays standard xmtr...hi. Not sure just why the upper freqs were chosen...probably goes way back and maybe there are some ops with xtals for that section. I think there is some digital in that area too. Anyway, I will probably be on for a bit around 1810...if my line noise doesn't rear its ugly head.
73 de Bill K4JYS

----- Original Message -----

From: "STEVE MCDONALD" <ve7sl@...>
To: AWAGroup@yahoogroups.com
Sent: Sunday, January 12, 2014 6:03:02 PM
Subject: Re: [AWA Group] Linc Cundall Questions

>How 'bout the 160m questions?

Bill...although I have not entered the LC Party, I'm sure that you can work wherever you chose on 160m for the affair....no one is going to bother spot checking frequencies. Personally, like yourself, I'd feel more at home right at the bottom end where most low power / casual ragchew QSO's take place. Up until not too many years ago, the low end was like all of the other CW bands, strictly for serious DX work but all seems to have changed now as the longhaul seems centered much higher in the band now ...1815-1830 for the most part.

Steve / VE7SL 73

9121. Re: [AWA Group] Linc Cundall Questions

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-14 15:25:36 UTC
From: N1BUG
Topic: 9113 Message: 9121

I didn't see the original question so I may be off topic. The 1835-1855 segment seems odd, as that is used by digital and SSB. I personally get very nervous operating the parties or making general CW QSOs above 1810. Perhaps it's because I've been chasing DX on 160 for many years and have seen how easily a domestic QSO can inadvertently wreak havoc on someone's attempt at getting a choice bit of DX. With so many parts of the world having limited windows, sometimes only a few kHz somewhere in the 1810 to 1840 range, I just don't feel comfortable making domestic QSOs there. DX signals are often very weak, easily QRMed, and undetectable by the average station not employing directional low noise receiving antennas. The 1810 to 1815 segment has become a popular hang out for some of the very rare, very weak DX to call CQ. The basic problem is not enough space for different interests and the varying international allocations. There is no solution for that. Everyone should operate according to his own convictions and comfort level, of course. Have fun!

73,
Paul "Bugsy" N1BUG

On 01/14/2014 10:01 AM, Bill Stewart wrote:

Hey Steve,

I too, feel better hanging around in the 1.8 to 1.815 area, esp with

a not-to-todays standard xmtr...hi. Not sure just why the upper

freqs were chosen...probably goes way back and maybe there are

some ops with xtals for that section. I think there is some digital

in that area too. Anyway, I will probably be on for a bit around

1810...if my line noise doesn't rear its ugly head.

73 de Bill K4JYS

From: "STEVE MCDONALD"
To: AWAGroup@yahoogroups.com
Sent: Sunday, January 12, 2014 6:03:02 PM
Subject: Re: [AWA Group] Linc Cundall Questions

>How 'bout the 160m questions?

Bill...although I have not entered the LC Party, I'm sure that you can work wherever you chose on 160m for the affair....no one is going to bother spot checking frequencies. Personally, like yourself, I'd feel more at home right at the bottom end where most low power / casual ragchew QSO's take place. Up until not too many years ago, the low end was like all of the other CW bands, strictly for serious DX work but all seems to have changed now as the longhaul seems centered much higher in the band now ...1815-1830 for the most part.

Steve / VE7SL 73

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

9122. Re: [AWA Group] Linc Cundall Questions

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-14 16:32:37 UTC
From: Steve
Topic: 9113 Message: 9122

>...probably goes way back

I think it was only in the past few years that the BK rules were looked at and revisions presented. Perhaps these are still the same rules from the original LC Party and nothing has been changed (except 160m band plans!)

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

9123. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-14 22:01:56 UTC
From: Louis Vermond
Topic: 130 Message: 9123

http://www.ebay.com/itm/Vintage-Rauland-All-American-R-31-Audio-Frequency-Transformer-/231134705238?pt=LH_DefaultDomain_0&hash=item35d0b3b656#ht_1404wt_975

9124. LC Observations, thus far

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-16 14:37:31 UTC
From: Roger Kuchera
Topic: 9124 Message: 9124

I'm not sure how others are faring but for myself, it has been slim pickings. I stuck pretty much to 80. Thus far I have 2 Qs in the log. One of these was outside the LC window. The noise level has been high at this QTH and averages S4. I hope to hear a few more of our illustrious group later today and Saturday.

CUL, Roger/K1TG

9125. Re: [AWA Group] LC Observations, thus far

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-16 16:56:48 UTC
From: Larry Szendrei
Topic: 9124 Message: 9125

On 1/16/14 9:37 AM, Roger Kuchera wrote:
>
> I'm not sure how others are faring but for myself, it has been slim
> pickings. I stuck
> pretty much to 80. Thus far I have 2 Qs in the log. One of these was
> outside the
> LC window. The noise level has been high at this QTH and averages S4.
> I hope to
> hear a few more of our illustrious group later today and Saturday.
>
I only spent about a half an hour on it last night, all rockbound on 1810 KHz with 2 watts RF out from a 59 (tube type, not year) xtal osc. rig. I got a 579 from Jerry W1ZB, and a bit later heard K4JYS calling "AWA" close to my frequency, weak but readable. I gave Bill several calls but he wasn't hearing me.

Haven't tried 80M or 40M yet - will probably wait until the weekend as other tasks demand my attention. My aim is to make a few QSOs and give a few points, not to compete.

73,
-Larry/NE1S

9126. Re: [AWA Group] LC Observations, thus far

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-16 17:31:16 UTC
From: Bill Stewart
Topic: 9124 Message: 9126

Hi Larry,
Sorry I didn't hear you. We had a fair amt of QRN...not all the time, but pretty strong peaks when it was there. Yes, I was lucky that Jerry, 1ZB heard me and we worked. I also worked Ron, N4GJV, here in NC for a good QSO on 1810.
I was running the 1924 four coil Meissner w/4w input into the inv L...HQ-120 rx.
On 80, I worked Jim, W8KGI in NM ...boy that was a treat. I was running the T-19/ARC-5 on a 100ft wire on 80m & BC-652A rx. Also worked John, N2BE in NJ.

I will probably be back on some this w/e, but, like you, just wanting to make a few QSOs and having some relaxing fun.

GL & 73 de Bill K4JYS

----- Original Message -----

From: "Larry Szendrei" <ne1s@...>
To: AWAGroup@yahoogroups.com
Sent: Thursday, January 16, 2014 11:56:48 AM
Subject: Re: [AWA Group] LC Observations, thus far

On 1/16/14 9:37 AM, Roger Kuchera wrote:

I'm not sure how others are faring but for myself, it has been slim pickings. I stuck pretty much to 80. Thus far I have 2 Qs in the log. One of these was outside the LC window. The noise level has been high at this QTH and averages S4. I hope to hear a few more of our illustrious group later today and Saturday.

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Haven't tried 80M or 40M yet - will probably wait until the weekend as other tasks demand my attention. My aim is to make a few QSOs and give a few points, not to compete.

73,
-Larry/NE1S

9127. Re: [AWA Group] LC Observations, thus far

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-16 17:40:23 UTC
From: Daniel Petersen
Topic: 9124 Message: 9127

I heard nothing on 40 meters between 7100 and 7150. Some normal activity
down near 7030 so I know my rx was working. Will try again on the w/e.
73,
Dan - W7OIL
Vancouver, WA

On Thu, Jan 16, 2014 at 9:31 AM, Bill Stewart <cwopr@...> wrote:

>
>
> Hi Larry,
>
> Sorry I didn't hear you. We had a fair amt of QRN...not all the time, but
> pretty
>
> strong peaks when it was there. Yes, I was lucky that Jerry, 1ZB heard me
> and we
>
> worked. I also worked Ron, N4GJV, here in NC for a good QSO on 1810.
>
> I was running the 1924 four coil Meissner w/4w input into the inv
> L...HQ-120 rx.
>
> On 80, I worked Jim, W8KGI in NM...boy that was a treat. I was running the
>
> T-19/ARC-5 on a 100ft wire on 80m & BC-652A rx. Also worked John,
>
> N2BE in NJ.
>
>
>
> I will probably be back on some this w/e, but, like you, just wanting to
>
> make a few QSOs and having some relaxing fun.
>
>
>
> GL & 73 de Bill K4JYS
>
> ------------------------------
>
> *From: *"Larry Szendrei" <ne1s@...>
> *To: *AWAGroup@yahoogroups.com
> *Sent: *Thursday, January 16, 2014 11:56:48 AM
> *Subject: *Re: [AWA Group] LC Observations, thus far

>
>
>
> On 1/16/14 9:37 AM, Roger Kuchera wrote:
>
>
>
> I'm not sure how others are faring but for myself, it has been slim
> pickings. I stuck
> pretty much to 80. Thus far I have 2 Qs in the log. One of these was
> outside the
> LC window. The noise level has been high at this QTH and averages S4. I
> hope to
> hear a few more of our illustrious group later today and Saturday.
>
> I only spent about a half an hour on it last night, all rockbound on 1810
> KHz with 2 watts RF out from a 59 (tube type, not year) xtal osc. rig. I
> got a 579 from Jerry W1ZB, and a bit later heard K4JYS calling "AWA" close
> to my frequency, weak but readable. I gave Bill several calls but he wasn't
> hearing me.
>
> Haven't tried 80M or 40M yet - will probably wait until the weekend as
> other tasks demand my attention. My aim is to make a few QSOs and give a
> few points, not to compete.
>
> 73,
> -Larry/NE1S
>
>
>
>

--

73,
Dan - W7OIL

9128. Re: [AWA Group] LC Observations, thus far

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-16 17:58:54 UTC
From: Bill Stewart
Topic: 9124 Message: 9128

Roger, I'm hearing you on 40m as of a few mins. ago.
Called you, but NIL. I'm running abt 100w...Maybe condx
are stinko....Bill K4JYS

----- Original Message -----

From: "Roger Kuchera" <rwkuchera@...>
To: "AWA" <AWAgroup@yahoogroups.com>
Sent: Thursday, January 16, 2014 9:37:31 AM
Subject: [AWA Group] LC Observations, thus far

I'm not sure how others are faring but for myself, it has been slim pickings. I stuck pretty much to 80. Thus far I have 2 Qs in the log. One of these was outside the LC window. The noise level has been high at this QTH and averages S4. I hope to hear a few more of our illustrious group later today and Saturday.

CUL, Roger/K1TG

9129. Re: [AWA Group] LC Observations, thus far

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-16 18:37:53 UTC
From: Roger Kuchera
Topic: 9124 Message: 9129

I'm going to try 40 again a little later. Hope we can make the grade. I'll try around 1530R.

I managed to work N2BE and W1ZB through the racket.

I might add an outboard noise limiter to the RME-69 at some point.

Roger.

From: Bill Stewart <cwopr@...>
To: AWAGroup@yahoogroups.com
Sent: Thursday, January 16, 2014 12:58 PM
Subject: Re: [AWA Group] LC Observations, thus far

Roger, I'm hearing you on 40m as of a few mins. ago.
Called you, but NIL. I'm running abt 100w...Maybe condx
are stinko....Bill K4JYS

From: "Roger Kuchera" <rwkuchera@...>
To: "AWA" <AWAgroup@yahoogroups.com>
Sent: Thursday, January 16, 2014 9:37:31 AM
Subject: [AWA Group] LC Observations, thus far

I'm not sure how others are faring but for myself, it has been slim pickings. I stuck pretty much to 80. Thus far I have 2 Qs in the log. One of these was outside the LC window. The noise level has been high at this QTH and averages S4. I hope to hear a few more of our illustrious group later today and Saturday.

CUL, Roger/K1TG

9130. Re: [AWA Group] LC Observations, thus far

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-16 20:14:46 UTC
From: Ron Barlow
Topic: 9124 Message: 9130

Hello Roger, Bill, et all,

I intend to look for you guys at ~ 1530R/2030Z, on 40m. I will be using my QRP Hartley, so please listen carefully, for my puny signal! I also intend to be QRV on 80m (again with QRP), at ~ 2200Z-2300Z.

I was only QRV briefly, last eve. My main goal was to log my first recent history QSOs on 160, while using the dipole & 227 Hartley xmtr that I hastily constructed between the 2 weekends, of the BK QSO party. (I logged no 160m QSOs during the BK event, due to a feedline problem, that was not discovered until too late).
I was using my 24A/27/27 regen rx, and it was quite a thrill to work K4JYS and W1ZB, on 160. W1ZB mentioned that he was also using a regen rx, during our QSO.
I heard no other AWA stations, on 160m, during the ~ 1 hr., that I was QRV.
There was some QRN, but it was not a serious problem. That was a huge improvement over the QRN problem that existed during the 2nd weekend of the BK QSO party!

These QSOs were logged on ~ 1810 Khz. As Paul, N1BUG, previously stated, the suggested 1835-1855 Khz portion of the band was filled with SSB signals.
I hope that participants will be looking down around 1805-1810 khz, on Saturday. W1AW's signal was very strong on 1802.5 Khz. My simple regen rx does not have adequate selectivity to allow me to effectively hear well, near the freq of either W1AW, or the strong SSB signals, that were higher in the band!

73 & GL de Ron n4gjv

From: Roger Kuchera <rwkuchera@snet.net>
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Sent: Thursday, January 16, 2014 1:37 PM
Subject: Re: [AWA Group] LC Observations, thus far

I'm going to try 40 again a little later. Hope we can make the
grade. I'll try around 1530R.

I managed to work N2BE and W1ZB through the racket.

I might add an outboard noise limiter to the RME-69 at some
point.

Roger.

From: Bill Stewart <cwopr@...>
To: AWAGroup@yahoogroups.com
Sent: Thursday, January 16, 2014 12:58 PM
Subject: Re: [AWA Group] LC Observations, thus far

Roger, I'm hearing you on 40m as of a few mins. ago.
Called you, but NIL. I'm running abt 100w...Maybe condx

are stinko....Bill K4JYS

From: "Roger Kuchera" <rwkuchera@...>
To: "AWA" <AWAgroup@yahoogroups.com>
Sent: Thursday, January 16, 2014 9:37:31 AM
Subject: [AWA Group] LC Observations, thus far

I'm not sure how others are faring but for myself, it has been slim pickings. I stuck pretty much to 80. Thus far I have 2 Qs in the log. One of these was outside the LC window. The noise level has been high at this QTH and averages S4. I hope to hear a few more of our illustrious group later today and Saturday.

CUL, Roger/K1TG

9131. Re: [AWA Group] LC Observations, thus far

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-17 02:56:20 UTC
From: Niel - W0VLZ
Topic: 9124 Message: 9131

Between 80 and 40 I managed nine contacts using my TZ-20 transmitter <http://w0vlz.blogspot.com/search/label/TZ-20%20RF%20Amp> and HRO Sr with a low hung inverted L antenna. By contesting standards not a lot but this still ties my LC QSO counts going back 20 years. I was surprised to not hear many of my MN friends on the air. Of the eight I worked in the BK I only heard one on for the LC....maybe Saturday/Sunday.

I have grown to depend on the Reverse Beacon Network to help me decide if the band is dead. If I call CQ and I don't get a lot of feedback from the RBN with reasonable signal strength it's time to change bands or go to bed.

73,
Niel - W0VLZ

Roger Kuchera wrote:
>
> I'm not sure how others are faring but for myself, it has been slim
> pickings. I stuck
> pretty much to 80. Thus far I have 2 Qs in the log. One of these was
> outside the
> LC window. The noise level has been high at this QTH and averages S4.
> I hope to
> hear a few more of our illustrious group later today and Saturday.
>
> CUL, Roger/K1TG
>
>

9132. LC continued...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-17 04:01:22 UTC
From: Roger Kuchera
Topic: 9132 Message: 9132

Gentlemen,

I managed 3 more Qs early in the PM on 40, so I am up to 5 now. No DX though. I hope to run into a few of you guys on Saturday. GL to all.

I've been appending X to the signal report when it's deserved. It's an old timey touch.

CUL, Roger/K1TG

9133. Re: [AWA Group] LC Observations, thus far

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-17 13:17:42 UTC
From: Larry Szendrei
Topic: 9124 Message: 9133

My plan is to start out on 40M Saturday evening, move up to 80M when 40M
becomes non productive, and then move up to 160M when 80M slows down.

So we'll have another shot at it this weekend.

73,
-Larry/NE1S

On 1/16/14 12:31 PM, Bill Stewart wrote:
>
> Hi Larry,
>
> Sorry I didn't hear you. We had a fair amt of QRN...not all the time,
> but pretty
>
> strong peaks when it was there. Yes, I was lucky that Jerry, 1ZB heard
> me and we
>
> worked. I also worked Ron, N4GJV, here in NC for a good QSO on 1810.
>
> I was running the 1924 four coil Meissner w/4w input into the inv
> L...HQ-120 rx.
>
> On 80, I worked Jim, W8KGI in NM...boy that was a treat. I was running the
>
> T-19/ARC-5 on a 100ft wire on 80m & BC-652A rx. Also worked John,
>
> N2BE in NJ.
>
> I will probably be back on some this w/e, but, like you, just wanting to
>
> make a few QSOs and having some relaxing fun.
>
> GL & 73 de Bill K4JYS
>
> ---
> *From: *"Larry Szendrei" <ne1s@...>
> *To: *AWAGroup@yahoogroups.com
> *Sent: *Thursday, January 16, 2014 11:56:48 AM
> *Subject: *Re: [AWA Group] LC Observations, thus far
>
> On 1/16/14 9:37 AM, Roger Kuchera wrote:
>
> I'm not sure how others are faring but for myself, it has been
> slim pickings. I stuck
> pretty much to 80. Thus far I have 2 Qs in the log. One of these

> was outside the
> LC window. The noise level has been high at this QTH and averages
> S4. I hope to
> hear a few more of our illustrious group later today and Saturday.
>
> I only spent about a half an hour on it last night, all rockbound on
> 1810 KHz with 2 watts RF out from a 59 (tube type, not year) xtal
> osc. rig. I got a 579 from Jerry W1ZB, and a bit later heard K4JYS
> calling "AWA" close to my frequency, weak but readable. I gave Bill
> several calls but he wasn't hearing me.
>
> Haven't tried 80M or 40M yet - will probably wait until the weekend as
> other tasks demand my attention. My aim is to make a few QSOs and give
> a few points, not to compete.
>
> 73,
> -Larry/NE1S
>
>

9134. Re: [AWA Group] LC Observations, thus far

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-17 13:20:43 UTC
From: Larry Szendrei
Topic: 9124 Message: 9134

On 1/16/14 1:37 PM, Roger Kuchera wrote:
> I'm going to try 40 again a little later. Hope we can make the
> grade. I'll try around 1530R.
>
> I managed to work N2BE and W1ZB through the racket.
>
> I might add an outboard noise limiter to the RME-69 at some
> point.
>
Roger, you may have told me this before, but does your RME-69 have the
built-in noise limiter?

My plan is to use my RAL-7 RCVR exclusively for all LC QSOs this year.

73,
-Larry/NE1S

9135. An Italian Regenerative (?) RX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-17 18:38:55 UTC
From: Louis Vermond
Topic: 9135 Message: 9135
Attachments: 4 described; binary payloads are missing from this source WARC

Hello,

This early '30s HB receiver was acquired by a friend in Italy. He wants to know what type of circuit it may have. That is, type of regeneration control, short or medium wave and on...

Claudio is a high school level physics teacher in Rome. When covering radio he uses early tubes and parts to demonstrate wireless theory. His students come alive at this approach. If anyone wishes to answer his questions on this receiver his e-address is: clan.idee@... It may take awhile for Claudio to respond do to his having to translate his reply to English.

73, Lou

9136. RE: [AWA Group] An Italian Regenerative (?) RX [4 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-17 18:56:15 UTC
From: Mike Feher
Topic: 9135 Message: 9136

Looks like it could be a war time clandestine transmitter/receiver built from scavenged parts. Very low power because of the tube used. In the photo with the parts laid out, the furthest part to the right may very well be a crystal. So, possibly a low power transmitter and regenerative receiver set.
73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Friday, January 17, 2014 1:39 PM
To: AWAGroup
Subject: [AWA Group] An Italian Regenerative (?) RX [4 Attachments]

Hello,

This early '30s HB receiver was acquired by a friend in Italy. He wants to know what type of circuit it may have. That is, type of regeneration control, short or medium wave and on...

Claudio is a high school level physics teacher in Rome. When covering radio he uses early tubes and parts to demonstrate wireless theory. His students come alive at this approach. If anyone wishes to answer his questions on this receiver his e-address is: clan.idee@... It may take awhile for Claudio to respond do to his having to translate his reply to English.

73, Lou

9137. Re: [AWA Group] An Italian Regenerative (?) RX [4 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-17 20:04:07 UTC
From: Daniel Petersen
Topic: 9135 Message: 9137

It appears to be a classic "Doerle" style 2-tube regenerative receiver. One of the variable capacitors is for tuning and the other is the regen "throttle" cap. The A409 tube is a four-volt filament at 65mA. Tuning: Best guess assuming a coil diameter of 2" and a 100pF tuning cap is 4.5 to 10 MHz. The only thing that "bugs" me is "Where is the feedback winding?' The banana jack and the miniature phone jack is either a recent addition or the receiver is newer than assumed. The thing that looks like a crystal looks, on closer inspection, to be a trimmer variable capacitor.
73,
Dan - W7OIL

On Fri, Jan 17, 2014 at 10:38 AM, Louis Vermond <ldvermond@...>wrote:

>
>
> Hello,
>
> This early '30s HB receiver was acquired by a friend in Italy. He wants to
> know what type of circuit it may have. That is, type of regeneration
> control, short or medium wave and on...
>
> Claudio is a high school level physics teacher in Rome. When covering
> radio he uses early tubes and parts to demonstrate wireless theory. His
> students come alive at this approach. If anyone wishes to answer his
> questions on this receiver his e-address is: clan.idee@... It may
> take awhile for Claudio to respond do to his having to translate his
> reply to English.
>
> 73, Lou
>
>
>
>
>

--

73,
Dan - W7OIL

9138. Re: [AWA Group] LC continued...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-17 20:31:40 UTC
From: Whitebear1122
Topic: 9132 Message: 9138

I'm going to try and get my 1930's Gross CW-25 running with the NC-101X for some operating tomorrow night. Single 80 meter band only, otherwise I'll hook up the 1926 Colpitts and tune for max smoke, sometime 19W output with a lot of signal carnage. Hope to work you guys. 73, Scott WA9WFA

9139. Re: [AWA Group] LC Observations, thus far

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-17 20:35:43 UTC
From: Roger Kuchera
Topic: 9124 Message: 9139

No. I have 2 DB-20s (1 parts unit) and a LF-90. I am using a DB-22
at the moment for a pre-amp. I don't have the xtal control unit for
it either.

Roger.

From: Larry Szendrei <ne1s@securespeed.us>
To: AWAGroup@yahoogroups.com
Sent: Friday, January 17, 2014 8:20 AM
Subject: Re: [AWA Group] LC Observations, thus far

On 1/16/14 1:37 PM, Roger Kuchera wrote:

>
>I'm going to try 40 again a little later. Hope we can make the
>grade. I'll try around 1530R.
>
>
>I managed to work N2BE and W1ZB through the racket.
>
>
>I might add an outboard noise limiter to the RME-69 at some
>point.
>
Roger, you may have told me this before, but does your RME-69 have the built-in noise
limiter?

My plan is to use my RAL-7 RCVR exclusively for all LC QSOs this
year.

73,
-Larry/NE1S

9140. Re: [AWA Group] LC continued...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-17 21:08:38 UTC
From: Louis Vermond
Topic: 9132 Message: 9140

I'll hook up the 1926 Colpitts and tune for max smoke, sometime 19W output with a lot of signal carnage. 'ata way to go Scott!

9141. Re: [AWA Group] An Italian Regenerative (?) RX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-17 21:28:03 UTC
From: Louis Vermond
Topic: 9135 Message: 9141

Hope you are correct about the XTAL. Being what you suggest would make it sexier. Lou

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: 2014-01-17 1:56 PM
Subject: RE: [AWA Group] An Italian Regenerative (?) RX

Looks like it could be a war time clandestine transmitter/receiver built from scavenged parts. Very low power because of the tube used. In the photo with the parts laid out, the furthest part to the right may very well be a crystal. So, possibly a low power transmitter and regenerative receiver set. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Friday, January 17, 2014 1:39 PM
To: AWAGroup
Subject: [AWA Group] An Italian Regenerative (?) RX [4 Attachments]

Hello,

This early '30s HB receiver was acquired by a friend in Italy. He wants to know what type of circuit it may have. That is, type of regeneration control, short or medium wave and on...

Claudio is a high school level physics teacher in Rome. When covering radio he uses early tubes and parts to demonstrate wireless theory. His students come alive at this approach. If anyone wishes to answer his questions on this receiver his e-address is: clan.idee@... It may take awhile for Claudio to respond do to his having to translate his reply to English.

73, Lou

9142. Cundall Report frm VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-17 22:36:59 UTC
From: Louis Vermond
Topic: 9142 Message: 9142
Attachments: 1 described; binary payloads are missing from this source WARC

My plan is to start out on 40M Saturday evening, move up to 80M when 40M becomes non productive, and then move up to 160M when 80M slows down. Larry

A good plan, Larry. With the late comments about 160 operation wondering if a consensuses has been reach as to where to look for AWAers? The official 1.835-55 or 1.800 -10?

Having the coils for the three bands will use the TNT/UX210. I see on reading Mr. Murphy's rules and regulations the scoring examples include both the transmitter circuit and tube used. Excellent idea! which I have adopted. This approach is even more fitting for the Kelley Party.

Wednesday I worked three stations all on 80 using the TNT with rectified, unfiltered B+ (T-3) at 3W input. The powre transformer's high voltage starts out at 350, but when keyed drops to about 150V hence the 3 watts.

N9HAL (a rare one) RST given, 588 Rcved, 446 "Ur sig vry vintage."

W1ZB (another) 559 / 557

N2BE (a new one) 589 / 594 "Can't believe ur running only 3W. Snds like old time electric razor."

Hope to work you Niel, Roger, Larry and on. Did I read that N1BUG was on Wed.? OIL would be a feather and 7SL if he'd only get on.

73, Lou
VE3AWA

9143. RE: [AWA Group] An Italian Regenerative (?) RX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-17 23:30:51 UTC
From: Mike Feher
Topic: 9135 Message: 9143

European sets used colorful jack sockets from very early on, so, they could be original to the period. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Daniel Petersen
Sent: Friday, January 17, 2014 3:04 PM
To: awagroup
Subject: Re: [AWA Group] An Italian Regenerative (?) RX

It appears to be a classic "Doerle" style 2-tube regenerative receiver. One of the variable capacitors is for tuning and the other is the regen "throttle" cap. The A409 tube is a four-volt filament at 65mA. Tuning: Best guess assuming a coil diameter of 2" and a 100pF tuning cap is 4.5 to 10 MHz. The only thing that "bugs" me is "Where is the feedback winding?' The banana jack and the miniature phone jack is either a recent addition or the receiver is newer than assumed. The thing that looks like a crystal looks, on closer inspection, to be a trimmer variable capacitor.

73,

Dan - W7OIL

On Fri, Jan 17, 2014 at 10:38 AM, Louis Vermond <ldvermond@...> wrote:

Hello,

This early '30s HB receiver was acquired by a friend in Italy. He wants to know what type of circuit it may have. That is, type of regeneration control, short or medium wave and on...

Claudio is a high school level physics teacher in Rome. When covering radio he uses early tubes and parts to demonstrate wireless theory. His students come alive at this approach. If anyone wishes to answer his questions on this receiver his e-address is: clan.idee@... It may take awhile for Claudio to respond do to his having to translate his reply to English.

73, Lou

--

73,
Dan - W7OIL

9144. LC 1950 Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-18 18:24:13 UTC
From: JAMES HANLON
Topic: 9144 Message: 9144

Y'all,

My question is whether a piece of gear made in 1950 counts as "vintage" or "modern" for the Linc Cundall contest. The Announcement says in several places that it is for "pre-1950 gear," and for "equipment constructed before 1950." But in the Scoring Details section, it says, "Send 'MOD' for modern (after 1950) gear."

I have several transmitters that first came out in 1950, including a Lettine 240, a Harvey Wells Bandmaster TBS-50C/D, and a Lysco 600. I also have an SP-600 receiver that came out in 1950. Are these guys MOD or are they vintage?

By the way, I hope to be burning a hole in 40 later this afternoon with my 275 watt Globe King 275 from 1947. Look for me there, please.

Thanks,

Jim Hanlon, W8KGI

9145. Re: [AWA Group] LC 1950 Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-18 19:47:20 UTC
From: Louis Vermond
Topic: 9144 Message: 9145

Jim,

My question is whether a piece of gear made in 1950 counts as "vintage" or "modern" for the Linc Cundall contest.

Counts as late vintage. 73 & cu Cundall, Lou

9146. RE: [AWA Group] LC 1950 Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-18 19:50:26 UTC
From: Steve Flood
Topic: 9144 Message: 9146

I am pretty sure the Bandmasters came out before 1950.

9147. Re: [AWA Group] Cundall Report frm VE3AWA [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-18 21:31:03 UTC
From: Larry Szendrei
Topic: 9142 Message: 9147

I'll be on 1810 or 1803 (more likely the former) as that's where my XTALs are and I'm rockbound with the 160M XMTR.

On 80M and 40M there's no telling where I'll be (really! ;-)) as I'll be running the '29 rigs.

73,
-Larry/NE1S

On 1/17/14 5:36 PM, Louis Vermond wrote:
With the late comments about 160 operation wondering if a consensuses has been reach as to where to look for AWAers? The official 1.835-55 or 1.800 -10?

9148. Cundall Report frm VE3AWA ... NE1S

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-18 21:38:05 UTC
From: Louis Vermond
Topic: 9148 Message: 9148

I'll be on 1810 or 1803 (more likely the former) OK will look for you there. Again following your band working pattern.

On 80M and 40M there's no telling where I'll be (really! ;-)) as I'll be running the '29 rigs. We'll maker yet...

73, Lou

9149. 160 Mtrs Tonight

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-18 22:38:11 UTC
From: Bill Stewart
Topic: 9149 Message: 9149

I will be on 1810 +/- a few kc tonight around 7, 8 & 9 PM.
Hope to work some of you guys.. ..turn ur hearing aids up high.
73 de Bill K4JYS

9150. K1TG - LC doings

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-20 00:02:12 UTC
From: Roger Kuchera
Topic: 9150 Message: 9150

Gentlemen,
     Wound up with 11 Qs for the proceedings. The best DX was AA9DH in IL. No western stations were heard. Had a great time.

CUL, Roger/K1TG

9151. KK7UV - LC doings

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-20 01:00:26 UTC
From: Steve Flood
Topic: 9151 Message: 9151

I wound up with 1 Q for the proceedings. W8KGI in NM. No eastern stations were heard.

1949 TBS50C and 1939 HQ120X

Steve KK7UV

9152. Re: [AWA Group] K1TG - LC doings

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-20 01:40:46 UTC
From: Chnord@comcast.Net
Topic: 9150 Message: 9152

Carl Nord
Sent from my IBM 360

> On Jan 19, 2014, at 7:02 PM, Roger Kuchera <rwkuchera@...> wrote:
>
> Gentlemen,
> Wound up with 11 Qs for the proceedings. The best DX was AA9DH in IL. No
> western stations were heard. Had a great time.
>
> CUL, Roger/K1TG
>

9153. Re: [AWA Group] KK7UV - LC doings

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-20 01:47:59 UTC
From: Doug Forbes
Topic: 9151 Message: 9153

I wound up with 2 Q for the proceedings. WB2AWQ in NV and W8KGI in NM.
Also no eastern stations were heard.

1943 ARC-5 RX and TX

Doug Forbes WA6VYN

On 1/19/2014 5:00 PM, Steve Flood wrote:
>
>
> I wound up with 1 Q for the proceedings. W8KGI in NM. No eastern
> stations were heard.
>
> 1949 TBS50C and 1939 HQ120X
>
> Steve KK7UV
>
>
>
>

9154. W0VLZ - LC Doings

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-20 04:06:36 UTC
From: Niel - W0VLZ
Topic: 9154 Message: 9154

I split my time between 80 and 40, 12 QSOs. Nothing worked to the west but I did manage 3 Qs here in MN. I heard N2BE a lot. To bad I could only work him twice.

Niel - W0VLZ

9155. Re: [AWA Group] K1TG - LC doings

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-20 14:49:16 UTC
From: Larry Szendrei
Topic: 9150 Message: 9155

On 1/19/14 7:02 PM, Roger Kuchera wrote:
>
> Gentlemen,
> Wound up with 11 Qs for the proceedings. The best DX was AA9DH in
> IL. No
> western stations were heard. Had a great time.
>
> CUL, Roger/K1TG
>
> _
Roger,

It was good to work you on 40M yesterday. Were you active on 80M or 160M?

73,
-Larry/NE1S

9156. LC Test - Lots of noise

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-20 14:57:07 UTC
From: Roger Kuchera
Topic: 9156 Message: 9156

Gentlemen,

After the LC test, I tried 40 later in the evening but much to my surprise I had a S7 noise level here at my QTH. Just to make sure the RME-69 hadn't developed a problem, I gave a listen on my ICOM-7700. The band scope showed a picket fence all through 40 meters. There was an apparent broad peak around 7.100 Mcs. I folded my tent and went in to watch the "one-eye." As the old saying goes "He who fights and runs away, lives to fight another day."

My Thanks to those I was lucky enough to work.

CUL, Roger/K1TG

9157. Re: [AWA Group] K1TG - LC doings

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-20 15:03:00 UTC
From: Roger Kuchera
Topic: 9150 Message: 9157

Hi Larry,
     Yes, indeed it was good to QSO. Imagine my surprise when I worked N1WPU (ME) on the next QSO.

     I did a little 80 on Wednesday but the bulk of my Qs were on 40. I have never been on 160. I don't have the real estate to put up even a mediocre sky wire, so I have never bothered.

     I plan to get involved with the Rollins affair in March. I hope to add some improvements by then.

     Take care and stay warm.

CUL, Roger/K1TG

From: Larry Szendrei <ne1s@...>
To: AWAGroup@yahoogroups.com
Sent: Monday, January 20, 2014 9:49 AM
Subject: Re: [AWA Group] K1TG - LC doings

On 1/19/14 7:02 PM, Roger Kuchera wrote:

>Gentlemen,
>   Wound up with 11 Qs for the proceedings. The best DX was AA9DH in IL. No
>western stations were heard. Had a great time.
>
>CUL, Roger/K1TG
>
>_
>
Roger,

It was good to work you on 40M yesterday. Were you active on 80M or 160M?

73,
-Larry/NE1S

9158. RE: [AWA Group] LC Test - Lots of noise

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-20 15:23:37 UTC
From: Steve Flood
Topic: 9156 Message: 9158

picket fence all through 40 meters. There was an apparent broad peak around 7.100 Mcs.

Similar conditions here Roger. Loud digi-crud between 7.100 and 7.110, a couple SW BC carriers a little further up, and then sidebanders on 7.120-7.125 made the LC window tough work.

- Steve KK7UV

9159. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-21 12:59:38 UTC
From: Louis Vermond
Topic: 130 Message: 9159

A Type 10

http://cgi.ebay.ca/ws/eBayISAPI.dll?ViewItem&item=161202945342&ssPageName=ADME:B:SS:US:1120

9160. Re: [AWA Group] KK7UV - LC doings

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-21 21:56:03 UTC
From: Louis Vermond
Topic: 9151 Message: 9160

1943 ARC-5 RX and TX Very nice! 73, Lou

9161. Wanted: National Velvet Vernier Dial Type A

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-22 01:20:31 UTC
From: Steve Flood
Topic: 9161 Message: 9161
Attachments: 2 described; binary payloads are missing from this source WARC

I need one to complete my Hartley project. I just need the bakelite dial (knob and skirt), and not the reduction drive mechanism. No chips or cracks please. Imperfect or missing whiting is fine.

I have a Type N dial for trade if interested.

Type A

Type N.

Steve, KK7UV

9162. Re: [AWA Group] Wanted: National Velvet Vernier Dial Type A

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-22 02:26:02 UTC
From: Louis Vermond
Topic: 9161 Message: 9162
Attachments: 2 described; binary payloads are missing from this source WARC

Steve,

I have the skirt less infill in excellent condx. Will look tomorrow for a like knob. GN, Lou

----- Original Message -----
From: Steve Flood
To: awagroup@yahoogroups.com
Sent: 2014-01-21 8:20 PM
Subject: [AWA Group] Wanted: National Velvet Vernier Dial Type A

I need one to complete my Hartley project. I just need the bakelite dial (knob and skirt), and not the reduction drive mechanism. No chips or cracks please. Imperfect or missing whiting is fine.

I have a Type N dial for trade if interested.

Type A

Type N.

Steve, KK7UV

9163. Wanted: National Velvet Vernier Dial Type A

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-22 16:12:57 UTC
From: Louis Vermond
Topic: 9161 Message: 9163
Attachments: 2 described; binary payloads are missing from this source WARC

Steve,

Have only the skirt. Yours if you need it. Lou

----- Original Message -----
From: Steve Flood
To: awagroup@yahoogroups.com
Sent: 2014-01-21 8:20 PM
Subject: [AWA Group] Wanted: National Velvet Vernier Dial Type A

I need one to complete my Hartley project. I just need the bakelite dial (knob and skirt), and not the reduction drive mechanism. No chips or cracks please. Imperfect or missing whiting is fine.

I have a Type N dial for trade if interested.

Type A

Type N.

Steve, KK7UV

9164. Re: [AWA Group] Wanted: National Velvet Vernier Dial Type A

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-22 19:22:52 UTC
From: Daniel Petersen
Topic: 9161 Message: 9164
Attachments: 2 described; binary payloads are missing from this source WARC

Steve - does the knob have a sub-one-quarter inch diameter shaft hole? If so I think I have one. Let me know.
73,
Dan - W7OIL

On Wed, Jan 22, 2014 at 8:12 AM, Louis Vermond <ldvermond@...>wrote:

>
>
> Steve,
>
> Have only the skirt. Yours if you need it. Lou
>
>
>
>
> ----- Original Message -----
> *From:* Steve Flood <kk7uv@...>
> *To:* awagroup@yahoogroups.com
> *Sent:* 2014-01-21 8:20 PM
> *Subject:* [AWA Group] Wanted: National Velvet Vernier Dial Type A
>
>
>
> I need one to complete my Hartley project. I just need the bakelite
> dial (knob and skirt), and not the reduction drive mechanism. No chips or
> cracks please. Imperfect or missing whiting is fine.
>
> I have a Type N dial for trade if interested.
>
> Type A
>
> Type N.
>
> Steve, KK7UV
>
>
>

--

73,
Dan - W7OIL

9165. Re: [AWA Group] Wanted: National Velvet Vernier Dial Type A

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-22 21:45:42 UTC
From: Louis Vermond
Topic: 9161 Message: 9165
Attachments: 1 described; binary payloads are missing from this source WARC

Steve - does the knob have a sub-one-quarter inch diameter shaft hole? If so I think I have one. Let me know.
73, Dan - W7OIL

The A dial shaft hole is 3/15".

9168. ....and this is the Junkfeller

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-23 02:41:47 UTC
From: Doug Forbes
Topic: 9168 Message: 9168
Attachments: 1 described; binary payloads are missing from this source WARC

....and this is the Junkfeller

--
Doug Forbes WA6VYN
Professor (Ret.) / Department Chair
Computer Science / Electronics / Music Technology
College of the Canyons

http://sites.google.com/site/dougforbes1/home

9169. one more time for the Linc Cundall rig pic.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-23 03:19:34 UTC
From: Doug Forbes
Topic: 9169 Message: 9169
Attachments: 1 described; binary payloads are missing from this source WARC

This is the rig I used for the Linc Cundall.

--
Doug Forbes WA6VYN
Professor (Ret.) / Department Chair
Computer Science / Electronics / Music Technology
College of the Canyons

http://sites.google.com/site/dougforbes1/home

9170. Linc Cundall & Doug Forbes WA6VYN

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-23 20:52:24 UTC
From: Louis Vermond
Topic: 9170 Message: 9170
Attachments: 2 described; binary payloads are missing from this source WARC

FB, Doug. I've been wanting to build one of these for years. You've re-inspire me.The tube line-up?

Le Grand Combinaison

9171. Re: [AWA Group] Linc Cundall & Doug Forbes WA6VYN

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-23 21:03:49 UTC
From: Doug Forbes
Topic: 9170 Message: 9171
Attachments: 1 described; binary payloads are missing from this source WARC

Excellent Louis, I have attached the schematic.

Doug Forbes WA6VYN
Professor (Ret.) / Department Chair
Computer Science / Electronics / Music Technology
College of the Canyons

http://sites.google.com/site/dougforbes1/home

On 1/23/2014 12:52 PM, Louis Vermond wrote:
>
>
> FB, Doug. I've been wanting to build one of these for years. You've
> re-inspire me.The tube line-up?
> Le Grand Combinaison
>
>
>

9172. LC Contest Log

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-24 02:33:06 UTC
From: JAMES HANLON
Topic: 9172 Message: 9172
Attachments: 1 described; binary payloads are missing from this source WARC

Mike,

I am attaching a spreadsheet with my 2014 Linc Cundall Contest log. Let me know if you can read it OK. I Included several additional fields for my transmitter, power, and receiver information, since I amused myself during the contest by switching gear. For transmitters, I wound up using a BC459, Millen 90800, CBY 52209 (Navy BC457), Globe King 275, and Viking 1. For receivers I used an HRO-50, NC-173, BC455, SX28, NC101X, HRO-5, HRO, HQ-129X, SX-28A, and HQ-120. All of these guys are 1949 vintage or earlier. Now that I have learned that 1950 vintage gear also counts, I will expand my usage of gear in the next Contest.

I had fun, and I made 20 contacts from out here in New Mexico. I attribute at least some of my success to saying to heck with the power multiplier and putting that 275 watt Globe King on 40 where it was apparently heard near and far.

73,

Jim, W8KGI

9173. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-24 16:45:19 UTC
From: Louis Vermond
Topic: 130 Message: 9173

1931 8th Edition ARRL Radio Amateur's Handbook 1st Printing

http://www.ebay.com/itm/1931-8th-Edition-ARRL-Radio-Amateurs-Handbook-1st-Printing-Ham-Radio-Operators-/350977953861?pt=LH_DefaultDomain_0&hash=item51b7ea9045#ht_654wt_1120

9174. RE: [AWA Group] one more time for the Linc Cundall rig pic. [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-24 16:57:10 UTC
From: Carl Nord
Topic: 9169 Message: 9174

With the mouse ??? Cool J

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Doug Forbes
Sent: Wednesday, January 22, 2014 10:20 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] one more time for the Linc Cundall rig pic. [1 Attachment]

This is the rig I used for the Linc Cundall.

--
Doug Forbes WA6VYN
Professor (Ret.) / Department Chair
Computer Science / Electronics / Music Technology
College of the Canyons

http://sites.google.com/site/dougforbes1/home

9175. Re: [AWA Group] one more time for the Linc Cundall rig pic.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-24 19:53:10 UTC
From: Doug Forbes
Topic: 9169 Message: 9175

Carl,

I had to use the mouse otherwise the SDR rig I put in the ARC-5 cases
after I gutted them wouldn't know what freq nobody on the east coast
could hear.

Doug Forbes WA6VYN

On 1/24/2014 8:57 AM, Carl Nord wrote:
>
>
> With the mouse ??? Cool J
>
> Carl Nord
>
> WA1KPD
>
> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] *On
> Behalf Of *Doug Forbes
> *Sent:* Wednesday, January 22, 2014 10:20 PM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* [AWA Group] one more time for the Linc Cundall rig pic. [1
> Attachment]
>
> This is the rig I used for the Linc Cundall.
>
> --
> Doug Forbes WA6VYN
> Professor (Ret.) / Department Chair
> Computer Science / Electronics / Music Technology
> College of the Canyons
>
> http://sites.google.com/site/dougforbes1/home
>
>
>
>

9176. Re: [AWA Group] one more time for the Linc Cundall rig pic.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-24 19:53:50 UTC
From: Doug Forbes
Topic: 9169 Message: 9176

Carl,

I had to use the mouse otherwise the SDR rig I put in the ARC-5 cases
after I gutted them wouldn't know what freq nobody on the east coast
could hear.

Doug Forbes WA6VYN

On 1/24/2014 8:57 AM, Carl Nord wrote:
>
>
> With the mouse ??? Cool J
>
> Carl Nord
>
> WA1KPD
>
> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] *On
> Behalf Of *Doug Forbes
> *Sent:* Wednesday, January 22, 2014 10:20 PM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* [AWA Group] one more time for the Linc Cundall rig pic. [1
> Attachment]
>
> This is the rig I used for the Linc Cundall.
>
> --
> Doug Forbes WA6VYN
> Professor (Ret.) / Department Chair
> Computer Science / Electronics / Music Technology
> College of the Canyons
>
> http://sites.google.com/site/dougforbes1/home
>
>
>
>

9177. Re: [AWA Group] Linc Cundall & Doug Forbes WA6VYN [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-24 21:59:33 UTC
From: Louis Vermond
Topic: 9177 Message: 9177

Thank you, Doug. I've printed the ckt. 73, Lou
----- Original Message -----
From: Doug Forbes
To: AWAGroup@yahoogroups.com
Sent: 2014-01-23 4:03 PM
Subject: Re: [AWA Group] Linc Cundall & Doug Forbes WA6VYN [1 Attachment]

Excellent Louis, I have attached the schematic.

9178. 1929 QSO Party List of Stations Emailing Logs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-25 14:43:20 UTC
From: Whitebear1122
Topic: 9178 Message: 9178

>
> I'm starting to work on the 1929 QSO Party logs. I have a stack of snail mailed logs to go through yet. Here is a list of the 1929 stations who emailed their logs into me. When I get the snail mail logs done I will post a list here as well. I encourage you to please email or mail or your log in whether you made 1 contact or 100 contacts. We all enjoy seeing who you worked, your station info, etc.. Thanks. 73, Scott WA9WFA
>
> Email Log List:
> NE1S
> KK7UV
> NF1O
> K0KCY
> WA1KPD
> VE7SL
> AB0CW
> WA6VYN
> N2OUV
> W8KGI
> N3GJ
> WB9WHG
> WB2AWQ
> WB2QMY
> W9DKB
> W2LB
> N9OB
> W0VLZ
> W1ZB
> W3GMS
> VE3AWA
>
>

9179. CX CW contest

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-25 21:57:26 UTC
From: Ron Barlow
Topic: 9179 Message: 9179

Hi guys,
 Just a heads up, for those that may have some interest. According to a posting on the Boatanchors list, the CX CW contest commences at 1400Z, Jan 26, and ends at 0800Z on Jan 27.
 I hope to spend a few hours on 160m, on Sunday eve, and I thought that I would pass along the info, in the event that others may also be interested.
 73 de Ron n4gjv

9180. New project?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-26 03:52:11 UTC
From: Daniel Petersen
Topic: 9180 Message: 9180
Attachments: 1 described; binary payloads are missing from this source WARC

I found this at the surplus store today for 5 bucks. It's just aching for a project to be put in it!
[image: Inline image 1]
--

73,
Dan - W7OIL

9181. RE: [AWA Group] New project? [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-26 05:27:32 UTC
From: Carl Nord
Topic: 9180 Message: 9181
Attachments: 1 described; binary payloads are missing from this source WARC

It is a Bud cabinet. For $5 grab it an run

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Daniel Petersen
Sent: Saturday, January 25, 2014 10:52 PM
To: awagroup
Subject: [AWA Group] New project? [1 Attachment]

I found this at the surplus store today for 5 bucks. It's just aching for a project to be put in it!

Inline image 1
--

73,
Dan - W7OIL

9182. Re: [AWA Group] New project? [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-26 12:41:05 UTC
From: Larry Szendrei
Topic: 9180 Message: 9182
Attachments: 1 described; binary payloads are missing from this source WARC

Nice! It looks very similar to the cabinet that houses my BUD VFO
(hamfest purchase in the mid-1980's for $3!).

73,
-Larry/NE1S

On 1/25/14 10:52 PM, Daniel Petersen wrote:
>
> I found this at the surplus store today for 5 bucks. It's just aching
> for a project to be put in it!
> Inline image 1
> --
>
> 73,
> Dan - W7OIL
>

9183. Re: [AWA Group] New project?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-26 16:38:02 UTC
From: Steve
Topic: 9180 Message: 9183

>> I found this at the surplus store today for 5 bucks. It's just aching
>> for a project to be put in it!

Would sure look nice with your big HRO dial and a nice orange backlit
meter....and of course, a red jewel lamp :-)

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

9184. OTB

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-26 23:15:16 UTC
From: Louis Vermond
Topic: 9184 Message: 9184
Attachments: 3 described; binary payloads are missing from this source WARC

Last year my friend Rod, G3NDI received a card from his wife, I've forgotten the occasion. Knowing of my interests, Rod scanned the card and sent it along to me.

After I forwarded it on the some of you there was a flurry of guess work as to what it was all about. All suggestions, it turned out, were wrong.

The other day I was looking through past OTBs and came across what you see below. Considering, the fine cut of his suit is no surprise.

73, Lou
VE3AWA

9185. eBay Alert & Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-27 20:50:08 UTC
From: Louis Vermond
Topic: 9185 Message: 9185

Please tell me where this would have been used and purpose. Tks, Lou

Vintage Samson Neutralizing Condenser

http://www.ebay.com/itm/Vintage-Samson-Neutralizing-Condenser-Jack-Block-/201027253885?ssPageName=ADME:B:SS:CA:3160

9186. Re: [AWA Group] eBay Alert & Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-28 00:47:06 UTC
From: STEVE MCDONALD
Topic: 9185 Message: 9186

It doesn't look transmitter-oriented. I wonder if it was one of the many radio-related snake-oil products produced in the 20's...maybe was guaranteed to 'neutralize' the noise on your antenna or something odd.

Steve

http://www.ebay.com/itm/Vintage-Samson-Neutralizing-Condenser-Jack-Block-/201027253885?ssPageName=ADME:B:SS:CA:3160

9187. Re: [AWA Group] eBay Alert & Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-28 00:51:50 UTC
From: Louis Vermond
Topic: 9185 Message: 9187

It doesn't look transmitter-oriented

This will be one of those Of course! moments. Was for me....

The TRF receivers such as the Neutrodyne (I have one by the way) had two RF amp stages and a AF stage. Both RF amps had these adjustable caps from the plate back to the grid for neutralizing the triodes. KK7UV

Here’s a decent writeup: http://www.sparkbench.com/trf.html

9188. Suggestion for changes in the LC Contest

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-28 01:30:16 UTC
From: JAMES HANLON
Topic: 9188 Message: 9188

I'd like to start a conversation with this group about some changes in the Linc Cundall Contest.

As I understand it, the main objective of the contest is to encourage folks to restore and operate transmitters and receivers from 1950 and earlier. It also should be fun for anyone who cares to take part.

In order for folks to enjoy participating, they need to be able to find a good number of other stations on the air and operating the contest. This would be best served by encouraging all contestants to put the strongest signal on the air that their equipment is capable of. While low power is usually sufficient for a participant to work stations up to several hundred miles away, it generally doesn't give the kind of consistent, nation-wide coverage that we really ought to strive for, especially on behalf of participants who live outside of the areas where there are a cluster of stations, such as the North East and Minnesota.

Also, because the current rules limit participants to only one contact with another participant on a given band, it is common especially later in the contest to hear two or three folks calling "AWA" on the band but not being able to talk to one another because of a previous QSO. That's silly!

I have several suggestions that I think would improve the contest that I'd appreciate you considering and commenting upon.

First, eliminate the "power multiplier" in the scoring of the contest. The power multiplier encourages a participant to put on a weak signal and makes it harder, particularly for others far away, to hear him. It would be better to encourage the participant to put on the strongest signal that his transmitter is capable of so that more stations could copy him.

Second, allow a participant to make additional QSOs with other participants if he changes his transmitter/receiver pair to another pair that still meets the requirements of the contest. That would encourage folks to acquire, restore and operate more than one transmitter and receiver, and it would increase the general activity level of the contest.

Third, open the contest to 20 meters. There is plenty of gear from the 1950 and earlier era that works well on 20 CW. Lower power rigs work out further on 20. And giving participants yet another band would allow them to make more contacts with the same number of opposite stations by the current rules of one contact per band.

Please let me know what you think of these suggestions. And feel free to make more suggestions that you think would improve the LC Contest.

Thanks,

Jim Hanlon, W8KGI

9189. Re: [AWA Group] eBay Alert & Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-28 01:40:56 UTC
From: Niel - W0VLZ
Topic: 9185 Message: 9189

Lou,

The TRF radios of the 20s needed to be neutralized. All they had were triodes for the RF stage. The Brown-Drake receiver (the first user of National Radio parts) specified a Rathbun 3 plate condenser for "balancing". See http://www.prismnet.com/~nielw/browning_drake/BD_Rcvr.htm See also Wikipedia's description of the neutrodyne at http://en.wikipedia.org/wiki/Neutrodyne

73,
Niel - W0VLZ
http://www.prismnet.com/~nielw/index.htm

Louis Vermond wrote:
>
> Please tell me where this would have been used and purpose. Tks, Lou
> **
> *Vintage Samson Neutralizing Condenser*
> http://www.ebay.com/itm/Vintage-Samson-Neutralizing-Condenser-Jack-Block-/201027253885?ssPageName=ADME:B:SS:CA:3160
>

9190. eBay Alert & Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-28 02:29:49 UTC
From: Louis Vermond
Topic: 9185 Message: 9190
Attachments: 2 described; binary payloads are missing from this source WARC

Thank you, Niel. My question was motivated by eBay business. I have a 1920/30s English neutralizing condenser I want to offer, but had little understanding of its intended use. I do now!

I have two of these, the keeper in the original box. The design and quality are wonderful. 73, Lou

http://www.isquare.com/millen/bio_rem/alegero48-55.html This "reads" like Hammond Mfg. while I was there in the '70s. So much life than.

All this for that little job.

9191. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-28 13:59:02 UTC
From: Louis Vermond
Topic: 130 Message: 9191

For your OT station.

http://www.ebay.com/itm/Vintage-Green-Enamel-Electric-Light-Lamp-Shade-With-Brass-Porcelain-Socket-/291066834504?ssPageName=ADME:B:SS:US:1120

9192. Re: [AWA Group] Suggestion for changes in the LC Contest

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-28 15:27:24 UTC
From: Larry Szendrei
Topic: 9188 Message: 9192

Hi Jim,

My thoughts:

I agree that the power multiplier should either be changed to encourage higher-power operation, or eliminated so as not to discourage it.

I'm agnostic on the multiple-station per band suggestion. I probably wouldn't bother putting more than one station on any single band - just out of laziness, mostly, because I certainly have enough stations! OTOH, I suppose those that would should be rewarded. In your suggestion, if station A changes equipment and then works a station B that station A had already QSO'd on that band, would both get credit for the 2nd contact, or just the station that had switched equipment? And how would station B know that station A had changed equipment, so that he could know he could work him again?

I also think it would be good to add 20M to the mix. Of course, the John Rollins DX contest in the spring does that.

Also thanks for the Herculean effort you put in to complete our LC QSO on 40M. You had a good signal into Maine, but I was only running a few watts out (12W DC in, lousy efficiency!) from two 71A's in a push-pull TNT.

73,
-Larry/NE1S

On 1/27/14 8:30 PM, JAMES HANLON wrote:
>
> I'd like to start a conversation with this group about some changes in
> the Linc Cundall Contest.
>
> As I understand it, the main objective of the contest is to encourage
> folks to restore and operate transmitters and receivers from 1950 and
> earlier. It also should be fun for anyone who cares to take part.
>
> In order for folks to enjoy participating, they need to be able to
> find a good number of other stations on the air and operating the
> contest. This would be best served by encouraging all contestants to
> put the strongest signal on the air that their equipment is capable
> of. While low power is usually sufficient for a participant to work
> stations up to several hundred miles away, it generally doesn't give
> the kind of consistent, nation-wide coverage that we really ought to
> strive for, especially on behalf of participants who live outside of
> the areas where there are a cluster of stations, such as the North
> East and Minnesota.
> Also, because the current rules limit participants to only one contact

> with another participant on a given band, it is common especially
> later in the contest to hear two or three folks calling "AWA" on the
> band but not being able to talk to one another because of a previous
> QSO. That's silly!
>
> I have several suggestions that I think would improve the contest that
> I'd appreciate you considering and commenting upon.
>
> First, eliminate the "power multiplier" in the scoring of the
> contest. The power multiplier encourages a participant to put on a
> weak signal and makes it harder, particularly for others far away, to
> hear him. It would be better to encourage the participant to put on
> the strongest signal that his transmitter is capable of so that more
> stations could copy him.
>
> Second, allow a participant to make additional QSOs with other
> participants if he changes his transmitter/receiver pair to another
> pair that still meets the requirements of the contest. That would
> encourage folks to acquire, restore and operate more than one
> transmitter and receiver, and it would increase the general activity
> level of the contest.
>
> Third, open the contest to 20 meters. There is plenty of gear from
> the 1950 and earlier era that works well on 20 CW. Lower power rigs
> work out further on 20. And giving participants yet another band
> would allow them to make more contacts with the same number of
> opposite stations by the current rules of one contact per band.
>
> Please let me know what you think of these suggestions. And feel free
> to make more suggestions that you think would improve the LC Contest.
>
> Thanks,
>
> Jim Hanlon, W8KGI
>

9193. Re: [AWA Group] Suggestion for changes in the LC Contest

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-01-29 22:13:20 UTC
From: Niel - W0VLZ
Topic: 9188 Message: 9193

Jim,

I also believe the LC rules could use a little tuning since the qualifying date has moved to 1950.

1) Power multiplier. For a contest like ARRL Field Day with lots of QRM/activity it really does take transmit skill to make contacts using low power. In the case of the LC, though, with relatively average band activity most of the skill/effort rests with the receiving station to pull the QRP station out of the noise. If any power multiplier, give it to the receiving station, not the transmitting station.

2) Xmtr/Rcvr pairs: This sounds like a good idea but I'm a little concerned that we don't turn the LC into another version of the Classic Exchange. See http://www.arrl.org/news/classic-exchange-a-vintage-radio-contest . One solution is to limit the number of non-AWA points to, maybe, 10% of the total.

3) 20 mtrs. Several years ago when the "LC" was the AWA OT CW Contest it did include 20 and, in fact, I suspect even today 20 mtr contacts are countable just like any other contact outside of the published contest frequency window. 20 mtrs would certainly help west coast involvement and is easily within the capability of typical 1945-1950 equipment. I vote for adding a 20 mtr frequency window back into the published rules.

73,
Niel - W0VLZ

JAMES HANLON wrote (snipped by W0VLZ):
>
> I'd like to start a conversation with this group about some changes in
> the Linc Cundall Contest.
>
>
>
> First, eliminate the "power multiplier" in the scoring of the contest.

> Second, allow a participant to make additional QSOs with other
> participants if he c! hanges his transmitter/receiver pair to another
> pair that still meets the requirements of the contest.
>
> Third, open the contest to 20 meters.

> Please let me know what you think of these suggestions. And feel free
> to make more suggestions that you think would improve the LC Contest.
>

> Thanks,
>
> Jim Hanlon, W8KGI
>

9194. National vernier

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-02 05:32:29 UTC
From: Daniel Petersen
Topic: 9194 Message: 9194
Attachments: 2 described; binary payloads are missing from this source WARC

I had never known of a type "F" National Velvet Vernier until I found this
- unused and in the box.
--
73,
Dan - W7OIL
[image: Inline image 1]
[image: Inline image 2]

9195. RE: [AWA Group] National vernier

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-02 12:22:30 UTC
From: Steve Flood
Topic: 9194 Message: 9195

The coveted device for replicating the Hendricks Regen RX (Feb. 1929 QST).
Nice find Dan.

-Steve, KK7UV

9196. Re: [AWA Group] National vernier

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-02 13:18:55 UTC
From: Louis Vermond
Topic: 9194 Message: 9196
Attachments: 2 described; binary payloads are missing from this source WARC

Great find, Dan. Congrats. What are you going to build around it? Lou

----- Original Message -----
From: Daniel Petersen
To: awagroup
Sent: 2014-02-02 12:32 AM
Subject: [AWA Group] National vernier

I had never known of a type "F" National Velvet Vernier until I found this - unused and in the box.
--
73,
Dan - W7OIL

9197. Fwd: [AWA Group] National vernier

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-02 13:27:25 UTC
From: Eddy Swynar
Topic: 9197 Message: 9197
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Dan,

I see from the dunnage that it originally cost $4.00 when new...

Tell you I'm gonna do, JUST for you, and for TO-DAY ONLY: I'll give you SIX BUCKS---CASH on the barrelhead!---for it. That's a tidy profit of TWO WHOLE DOLLARS or ya...!

Whaddya say, Danny-Boy...? :o)

~73~ de Eddy VE3CUI - VE3XZ

Begin forwarded message:

> From: Louis Vermond <ldvermond@sympatico.ca>
> Date: February 2, 2014 8:18:55 AM EST
> To: <AWAGroup@yahoogroups.com>
> Subject: Re: [AWA Group] National vernier
> Reply-To: AWAGroup@yahoogroups.com
>
>
> Great find, Dan. Congrats. What are you going to build around it? Lou
>
>
> ----- Original Message -----
> From: Daniel Petersen
> To: awagroup
> Sent: 2014-02-02 12:32 AM
> Subject: [AWA Group] National vernier
>
>
>
> I had never known of a type "F" National Velvet Vernier until I found this - unused and in the box.
> --
> 73,
> Dan - W7OIL
>
>
>
>
>
>
>

9198. Re: [AWA Group] National vernier

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-02 13:28:05 UTC
From: Louis Vermond
Topic: 9194 Message: 9198
Attachments: 1 described; binary payloads are missing from this source WARC

The coveted device for replicating the Hendricks Regen RX (Feb. 1929 QST). Nice find Dan.

You'll be living on eBay for a year, Dan. Have fun...

9199. Re: [AWA Group] National vernier [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-02 13:33:30 UTC
From: Louis Vermond
Topic: 9199 Message: 9199
Attachments: 2 described; binary payloads are missing from this source WARC

Nice try Eddy....
----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: 2014-02-02 8:27 AM
Subject: Fwd: [AWA Group] National vernier [2 Attachments]

Hi Dan,

I see from the dunnage that it originally cost $4.00 when new...

Tell you I'm gonna do, JUST for you, and for TO-DAY ONLY: I'll give you SIX BUCKS---CASH on the barrelhead!---for it. That's a tidy profit of TWO WHOLE DOLLARS or ya...!

Whaddya say, Danny-Boy...? :o)

~73~ de Eddy VE3CUI - VE3XZ

Begin forwarded message:

From: Louis Vermond <ldvermond@sympatico.ca>

Date: February 2, 2014 8:18:55 AM EST

To: <AWAGroup@yahoogroups.com>

Subject: Re: [AWA Group] National vernier

Reply-To: AWAGroup@yahoogroups.com

Great find, Dan. Congrats. What are you going to build around it? Lou

----- Original Message -----
From: Daniel Petersen
To: awagroup
Sent: 2014-02-02 12:32 AM
Subject: [AWA Group] National vernier

I had never known of a type "F" National Velvet Vernier until I found this - unused and in the box.
--
73,
Dan - W7OIL

9200. Re: [AWA Group] National vernier

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-02 13:40:49 UTC
From: Eddy Swynar
Topic: 9199 Message: 9200

On 2014-02-02, at 8:33 AM, Louis Vermond wrote:

>
> Nice try Eddy....

Hope springs eternal, Lou...! Hi Hi

Hey Dan, where exactly did you find that gem again...?

~73~ de Eddy VE3CUI - VE3XZ

9201. Re: [AWA Group] National vernier

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-02 17:34:56 UTC
From: Daniel Petersen
Topic: 9199 Message: 9201

Well guys - let's see if I can sort this out...

Eddy; Nice try but does "Fat chance" translate into Canadian? 8^)

Lou: There is a local radio surplus store in the Portland area (Oregon, not Maine!) that has goodies like that show up from time to time. Couple that with my knack of being in the right place at the right time and there you have it. I showed up just after Bob Lee (the proprietor) received a huge estate sale. No cool tubes though.

I am contemplating the Hendricks receiver along with a couple other prospects. Or I could sell it and buy a condo on Maui!
73,
Dan - W7OIL

On Sun, Feb 2, 2014 at 5:40 AM, Eddy Swynar <deswynar@...> wrote:

>
>
>
> On 2014-02-02, at 8:33 AM, Louis Vermond wrote:
>
>
>
> Nice try Eddy....
>
>
>
>
>
> *Hope springs eternal*, Lou...! Hi Hi
>
> Hey Dan, where exactly did you find that gem again...?
>
> *~73~ de Eddy VE3CUI - VE3XZ*
>
>
>
>

--

73,
Dan - W7OIL

9202. Re: [AWA Group] National vernier

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-02 17:42:17 UTC
From: Louis Vermond
Topic: 9194 Message: 9202

Or I could sell it and buy a condo on Maui! Eddy's rich so start packing your grass skirt...

----- Original Message -----
From: Daniel Petersen
To: awagroup
Sent: 2014-02-02 12:34 PM
Subject: Re: [AWA Group] National vernier

Well guys - let's see if I can sort this out...

Eddy; Nice try but does "Fat chance" translate into Canadian? 8^)

Lou: There is a local radio surplus store in the Portland area (Oregon, not Maine!) that has goodies like that show up from time to time. Couple that with my knack of being in the right place at the right time and there you have it. I showed up just after Bob Lee (the proprietor) received a huge estate sale. No cool tubes though.

I am contemplating the Hendricks receiver along with a couple other prospects. Or I could sell it and buy a condo on Maui!
73,
Dan - W7OIL

On Sun, Feb 2, 2014 at 5:40 AM, Eddy Swynar <deswynar@...> wrote:

On 2014-02-02, at 8:33 AM, Louis Vermond wrote:

Nice try Eddy....

Hope springs eternal, Lou...! Hi Hi

Hey Dan, where exactly did you find that gem again...?

~73~ de Eddy VE3CUI - VE3XZ

--

73,
Dan - W7OIL

9203. Re: [AWA Group] National vernier

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-02 18:02:27 UTC
From: Daniel Petersen
Topic: 9194 Message: 9203

Me in a grass skirt? That would clear the island and leave it all to me!
8^)
Dan - W7OIL

On Sun, Feb 2, 2014 at 9:42 AM, Louis Vermond <ldvermond@...>wrote:

>
>
> Or I could sell it and buy a condo on Maui! Eddy's rich so start packing
> your grass skirt...
>
>
>
>
> ----- Original Message -----
> *From:* Daniel Petersen <dan.w7oil@...>
> *To:* awagroup <AWAGroup@yahoogroups.com>
> *Sent:* 2014-02-02 12:34 PM
> *Subject:* Re: [AWA Group] National vernier
>
>
>
> Well guys - let's see if I can sort this out...
>
> Eddy; Nice try but does "Fat chance" translate into Canadian? 8^)
>
> Lou: There is a local radio surplus store in the Portland area (Oregon,
> not Maine!) that has goodies like that show up from time to time. Couple
> that with my knack of being in the right place at the right time and there
> you have it. I showed up just after Bob Lee (the proprietor) received a
> huge estate sale. No cool tubes though.
>
> I am contemplating the Hendricks receiver along with a couple other
> prospects. Or I could sell it and buy a condo on Maui!
> 73,
> Dan - W7OIL
>
>
> On Sun, Feb 2, 2014 at 5:40 AM, Eddy Swynar <deswynar@...> wrote:
>
>>
>>
>>
>> On 2014-02-02, at 8:33 AM, Louis Vermond wrote:
>>

>>
>>
>> Nice try Eddy....
>>
>>
>>
>>
>>
>> *Hope springs eternal*, Lou...! Hi Hi
>>
>> Hey Dan, where exactly did you find that gem again...?
>>
>> *~73~ de Eddy VE3CUI - VE3XZ*
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>
>
> --
>
> 73,
> Dan - W7OIL
>
>
>

--

73,
Dan - W7OIL

9204. D-Day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-02 18:04:38 UTC
From: Daniel Petersen
Topic: 9204 Message: 9204

Hi Guys:

6 June 2014 marks the 70th anniversary of D-Day. Are there any plans afoot with this group for any special events? Or is 1944 too "modern"?

--

73,
Dan - W7OIL

9205. Re: [AWA Group] National vernier

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-02 18:14:15 UTC
From: Eddy Swynar
Topic: 9199 Message: 9205

On 2014-02-02, at 12:34 PM, Daniel Petersen wrote:

>
>
> Eddy; Nice try but does "Fat chance" translate into Canadian? 8^)
>

I read that "...universal language" message loud & clear, Dan...! :o)

> Lou: There is a local radio surplus store in the Portland area (Oregon, not Maine!) that has goodies like that show up from time to time. Couple that with my knack of being in the right place at the right time and there you have it. I showed up just after Bob Lee (the proprietor) received a huge estate sale. No cool tubes though.

Dan, may I ask you what you paid for it...? It's a really neat, early-vintage National vernier that's very rarely seen in that type of condition, bar none. I recall that latter-day Eddystone slide rule dials---N.I.B.---commanded prices in excess of $100.00 on eBay...and those rascals were from the 60's!

>
> I am contemplating the Hendricks receiver along with a couple other prospects. Or I could sell it and buy a condo on Maui!

Sweet---on BOTH counts! Hi Hi

~73!~ de Eddy VE3CUI - VE3XZ

9206. RE: National vernier

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-02 18:34:10 UTC
From: <w0vlz@...>
Topic: 9194 Message: 9206

I'd vote for George Grammer's "Three Tube Regenerative Receiver of Unusual Performance", January 1933 QST. See
http://w0vlz.blogspot.com/search/label/Grammer%27s%203%20Tube%20Regen

Niel - W0VLZ

9207. Re: [AWA Group] National vernier

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-02 19:36:16 UTC
From: Leonard Meek
Topic: 9194 Message: 9207

Did you know that the "grass skirt" was actually invented by American sailors?
----- Original Message -----
From: Daniel Petersen
To: awagroup
Sent: Sunday, February 02, 2014 8:02 AM
Subject: Re: [AWA Group] National vernier

Me in a grass skirt? That would clear the island and leave it all to me!
8^)
Dan - W7OIL

On Sun, Feb 2, 2014 at 9:42 AM, Louis Vermond <ldvermond@...> wrote:

Or I could sell it and buy a condo on Maui! Eddy's rich so start packing your grass skirt...

----- Original Message -----
From: Daniel Petersen
To: awagroup
Sent: 2014-02-02 12:34 PM
Subject: Re: [AWA Group] National vernier

Well guys - let's see if I can sort this out...

Eddy; Nice try but does "Fat chance" translate into Canadian? 8^)

Lou: There is a local radio surplus store in the Portland area (Oregon, not Maine!) that has goodies like that show up from time to time. Couple that with my knack of being in the right place at the right time and there you have it. I showed up just after Bob Lee (the proprietor) received a huge estate sale. No cool tubes though.

I am contemplating the Hendricks receiver along with a couple other prospects. Or I could sell it and buy a condo on Maui!
73,
Dan - W7OIL

On Sun, Feb 2, 2014 at 5:40 AM, Eddy Swynar <deswynar@...> wrote:

On 2014-02-02, at 8:33 AM, Louis Vermond wrote:

Nice try Eddy....

Hope springs eternal, Lou...! Hi Hi

Hey Dan, where exactly did you find that gem again...?

~73~ de Eddy VE3CUI - VE3XZ

--

73,
Dan - W7OIL

--

73,
Dan - W7OIL

9208. Re: [AWA Group] National vernier

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-02 19:42:25 UTC
From: Louis Vermond
Topic: 9194 Message: 9208

Did you know that the "grass skirt" was actually invented by American sailors? Being so modest and all...

9209. Re: [AWA Group] RE: National vernier

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-02 19:42:43 UTC
From: Louis Vermond
Topic: 9194 Message: 9209

What a find!

----- Original Message -----
From: w0vlz@aggienetwork.com
To: AWAGroup@yahoogroups.com
Sent: 2014-02-02 1:34 PM
Subject: [AWA Group] RE: National vernier

I'd vote for George Grammer's "Three Tube Regenerative Receiver of Unusual Performance", January 1933 QST. See
http://w0vlz.blogspot.com/search/label/Grammer%27s%203%20Tube%20Regen

Niel - W0VLZ

9210. Re: [AWA Group] National vernier

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-02 19:44:35 UTC
From: Daniel Petersen
Topic: 9194 Message: 9210

National Type "F" Velvet Vernier cost? I don't like to see a grown man cry.

The price on the box plus a buck.

OK - you can cry now.
73,
Dan - W7OIL

On Sun, Feb 2, 2014 at 11:36 AM, Leonard Meek <lemeek@...>wrote:

>
>
> Did you know that the "grass skirt" was actually invented by American
> sailors?
>
> ----- Original Message -----
> *From:* Daniel Petersen <dan.w7oil@...>
> *To:* awagroup <AWAGroup@yahoogroups.com>
> *Sent:* Sunday, February 02, 2014 8:02 AM
> *Subject:* Re: [AWA Group] National vernier
>
> Me in a grass skirt? That would clear the island and leave it all to me!
> 8^)
> Dan - W7OIL
>
>
> On Sun, Feb 2, 2014 at 9:42 AM, Louis Vermond <ldvermond@...>wrote:
>
>>
>>
>> Or I could sell it and buy a condo on Maui! Eddy's rich so start
>> packing your grass skirt...
>>
>>
>>
>>
>> ----- Original Message -----
>> *From:* Daniel Petersen <dan.w7oil@...>
>> *To:* awagroup <AWAGroup@yahoogroups.com>
>> *Sent:* 2014-02-02 12:34 PM
>> *Subject:* Re: [AWA Group] National vernier
>>
>>
>>
>> Well guys - let's see if I can sort this out...
>>

>> Eddy; Nice try but does "Fat chance" translate into Canadian? 8^)
>>
>> Lou: There is a local radio surplus store in the Portland area (Oregon,
>> not Maine!) that has goodies like that show up from time to time. Couple
>> that with my knack of being in the right place at the right time and there
>> you have it. I showed up just after Bob Lee (the proprietor) received a
>> huge estate sale. No cool tubes though.
>>
>> I am contemplating the Hendricks receiver along with a couple other
>> prospects. Or I could sell it and buy a condo on Maui!
>> 73,
>> Dan - W7OIL
>>
>>
>> On Sun, Feb 2, 2014 at 5:40 AM, Eddy Swynar <deswynar@...> wrote:
>>
>>>
>>>
>>>
>>> On 2014-02-02, at 8:33 AM, Louis Vermond wrote:
>>>
>>>
>>>
>>> Nice try Eddy....
>>>
>>>
>>>
>>>
>>>
>>> *Hope springs eternal*, Lou...! Hi Hi
>>>
>>> Hey Dan, where exactly did you find that gem again...?
>>>
>>> *~73~ de Eddy VE3CUI - VE3XZ*
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>> 73,
>> Dan - W7OIL
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> --
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> 73,

> Dan - W7OIL
>
>
>

--

73,
Dan - W7OIL

9211. Re: [AWA Group] National vernier

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-02 20:04:10 UTC
From: Louis Vermond
Topic: 9194 Message: 9211
Attachments: 1 described; binary payloads are missing from this source WARC

National Type "F" Velvet Vernier cost? I don't like to see a grown man cry.

The price on the box plus a buck.

OK - you can cry now.

9212. Re: [AWA Group] National vernier

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-02 20:25:42 UTC
From: Eddy Swynar
Topic: 9194 Message: 9212

On 2014-02-02, at 2:44 PM, Daniel Petersen wrote:

>
> National Type "F" Velvet Vernier cost? I don't like to see a grown man cry.
>
> The price on the box plus a buck.
>
> OK - you can cry now.
> 73,
> Dan - W7OIL
>
>

Hi Dan

Well, I guess the previous owner HAD to add somewhat more to the original price---but only for the sake of inflation, right...? (Boo-hoo-hooooooo...!!!). :o)

~73~ de Eddy VE3CUI - VE3XZ

PS: My original offer of $6.00 still stands---that's a COOL ONE WHOLE DOLLAR'S worth of profit for you...! (are you tempted...?!). Hi Hi

9213. A new Hull Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-02 22:15:11 UTC
From: <kk7uv@...>
Topic: 9213 Message: 9213
Attachments: 1 described; binary payloads are missing from this source WARC

This was a half-started project over 2 years ago, then put on the shelf until this past December. I have it currently set up with an 841 tube, but a simple grid resistor change and it will run the '10.

Pics are also in the Pictures folder under KK7UV.

-Steve

9214. Re: [AWA Group] A new Hull Hartley [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-03 00:05:48 UTC
From: Carl Nord WA1KPD
Topic: 9213 Message: 9214

Very nicely done
Carl
WA1KPD

----- Original Message -----From: kk7uv@...: AWAGroup@yahoogroups.comSent: Sun, 02 Feb 2014 22:15:11 -0000 (UTC)Subject: [AWA Group] A new Hull Hartley [1 Attachment]

This was a half-started project over 2 years ago, then put on the shelf until this past December. I have it currently set up with an 841 tube, but a simple grid resistor change and it will run the '10.

Pics are also in the Pictures folder under KK7UV.

-Steve

9215. H - H Two-way Accomplished

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-03 03:04:12 UTC
From: Louis Vermond
Topic: 9215 Message: 9215
Attachments: 2 described; binary payloads are missing from this source WARC

We Made it Across!!!! the Rockies

7UV's Hartley Maiden QSO

3615 kc.
02:09Z
1603.5 miles
QSB Hvy
A few watts out both ways

KK7UV's RST 529 VE3AWA RST 335

9216. Re: H - H Two-way Accomplished

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-03 03:27:08 UTC
From: N3IBX
Topic: 9215 Message: 9216

Congradulations!
Joe Cro N3IBX

On 02/02/14, Louis Vermond wrote:

We Made it
Across!!!! the Rockies

7UV's Hartley Maiden QSO

3615 kc.

02:09Z

1603.5 miles

QSB Hvy

A few watts out both ways

KK7UV's RST
529 VE3AWA RST 335

9217. A History of QST: Advertising

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-03 22:39:46 UTC
From: Niel - W0VLZ
Topic: 9215 Message: 9217

A few weeks ago I discovered a new Joe Veras book, A History of QST: Advertising, listed on the ARRL site at http://www.arrl.org/shop/A-History-of-QST-Volume-2-Advertising/ It is over 350 pages of QST ads from 1915 to present with a little introduction for each decade. Each ad also has two or three lines of additional explanation to help understand how the product or company fits into our history. As stated on the back cover "It is an intriguing journey of Amateur Radio's rich and varied history - told through the creative marketing, advertising and photography of yesteryear."

Great reading and good information.

Niel - W0VLZ

9218. Re: [AWA Group] A History of QST: Advertising

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-03 22:49:02 UTC
From: Louis Vermond
Topic: 9215 Message: 9218

Thanks, Niel. How many of the 384 pages are devoted to pre 1941 history? Lou

----- Original Message -----
From: Niel - W0VLZ
To: AWAGroup@yahoogroups.com
Sent: 2014-02-03 5:39 PM
Subject: [AWA Group] A History of QST: Advertising

A few weeks ago I discovered a new Joe Veras book, A History of QST: Advertising, listed on the ARRL site at http://www.arrl.org/shop/A-History-of-QST-Volume-2-Advertising/ It is over 350 pages of QST ads from 1915 to present with a little introduction for each decade. Each ad also has two or three lines of additional explanation to help understand how the product or company fits into our history. As stated on the back cover "It is an intriguing journey of Amateur Radio's rich and varied history - told through the creative marketing, advertising and photography of yesteryear."

Great reading and good information.

Niel - W0VLZ

9219. Re: [AWA Group] A History of QST: Advertising

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-04 00:33:49 UTC
From: Niel - W0VLZ
Topic: 9215 Message: 9219

Lou,

90 pages

Teens: 29
20s: 31
30s: 30
40s: 37
50s: 37

Niel

Louis Vermond wrote:
>
> □
>
> Thanks, Niel. How many of the 384 pages are devoted to pre 1941
> history? Lou
>
> ----- Original Message -----
> *From:* Niel - W0VLZ <mailto:w0vlz@...>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* 2014-02-03 5:39 PM
> *Subject:* [AWA Group] A History of QST: Advertising
>
> A few weeks ago I discovered a new Joe Veras book, A History of QST:
> Advertising, listed on the ARRL site at
> http://www.arrl.org/shop/A-History-of-QST-Volume-2-Advertising/ It is
> over 350 pages of QST ads from 1915 to present with a little
> introduction for each decade. Each ad also has two or three lines of
> additional explanation to help understand how the product or company
> fits into our history. As stated on the back cover "It is an
> intriguing
> journey of Amateur Radio's rich and varied history - told through the
> creative marketing, advertising and photography of yesteryear."
>
> Great reading and good information.
>
> Niel - W0VLZ
>
>

9220. Re: [AWA Group] A History of QST: Advertising

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-04 00:51:50 UTC
From: Louis Vermond
Topic: 9215 Message: 9220

You really do answer a question, Niel! ...FB

I have a birthday coming up.

73, Lou

----- Original Message -----
From: Niel - W0VLZ
To: AWAGroup@yahoogroups.com
Sent: 2014-02-03 7:33 PM
Subject: Re: [AWA Group] A History of QST: Advertising

Lou,

90 pages

Teens: 29
20s: 31
30s: 30
40s: 37
50s: 37

Niel

Louis Vermond wrote:
>
> □
>
> Thanks, Niel. How many of the 384 pages are devoted to pre 1941
> history? Lou
>
> ----- Original Message -----
> *From:* Niel - W0VLZ <mailto:w0vlz@...>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* 2014-02-03 5:39 PM
> *Subject:* [AWA Group] A History of QST: Advertising
>
> A few weeks ago I discovered a new Joe Veras book, A History of QST:
> Advertising, listed on the ARRL site at
> http://www.arrl.org/shop/A-History-of-QST-Volume-2-Advertising/ It is
> over 350 pages of QST ads from 1915 to present with a little
> introduction for each decade. Each ad also has two or three lines of
> additional explanation to help understand how the product or company
> fits into our history. As stated on the back cover "It is an
> intriguing
> journey of Amateur Radio's rich and varied history - told through the

> creative marketing, advertising and photography of yesteryear."
>
> Great reading and good information.
>
> Niel - W0VLZ
>
>

9221. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-04 12:37:22 UTC
From: Louis Vermond
Topic: 130 Message: 9221
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/161214892329

9222. Fwd: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-04 13:02:45 UTC
From: Eddy Swynar
Topic: 7504 Message: 9222
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Lou,

"NO SALES TO CANADA"...

~73~ de Eddy VE3CUI - VE3XZ

Begin forwarded message:

> From: Louis Vermond <ldvermond@...>
> Date: February 4, 2014 7:37:22 AM EST
> To: "AWAGroup" <AWAGroup@yahoogroups.com>
> Subject: [AWA Group] eBay Alert
> Reply-To: AWAGroup@yahoogroups.com
>
>
> http://www.ebay.com/itm/161214892329
>
>
>
>

9223. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-04 13:04:52 UTC
From: Mike Feher
Topic: 130 Message: 9223
Attachments: 1 described; binary payloads are missing from this source WARC

Very nice - thanks for the tip - I did not see it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Tuesday, February 04, 2014 7:37 AM
To: AWAGroup
Subject: [AWA Group] eBay Alert

http://www.ebay.com/itm/161214892329

9224. Ebay Alert ..... Now THAT is a roller inductor

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-04 17:39:47 UTC
From: Louis Vermond
Topic: 9224 Message: 9224

http://www.ebay.co.uk/itm/High-Power-Rotary-Transmitting-Coil-ca-24-uH-Two-Roller-Contact-Flat-Bar-Coil-/171235186835?hash=item27de699893#ht_411wt_1141

9225. Re: [AWA Group] Ebay Alert ..... Now THAT is a roller inductor

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-04 17:50:19 UTC
From: Eddy Swynar
Topic: 9224 Message: 9225

On 2014-02-04, at 12:39 PM, Louis Vermond wrote:

>
> http://www.ebay.co.uk/itm/High-Power-Rotary-Transmitting-Coil-ca-24-uH-Two-Roller-Contact-Flat-Bar-Coil-/171235186835?hash=item27de699893#ht_411wt_1141
>
>

Hi Lou,

It may interest you to know that just exactly that same roller inductor is used the final pi-tank system of my 2x813 kilowatt linear amplifier, as well as in my Universal SPC transmatch...

The latter cost me $8.50---N.I.B. surplus---from the old "North American Electronics" in Montreal, back in the mid-70's. It was WW2 excess stock, & arrived at my door still boxed in its WW2 "...made-for-all-seasons" packaging: wood, wrapped in tar paper, wrapped in paraffin wax-soaked burlap. Amazing. It took me a half hour just to "un-crate" the thing!

~73~ de Eddy VE3CUI - VE3XZ

9226. Re: [AWA Group] Ebay Alert ..... Now THAT is a roller inductor

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-04 18:03:56 UTC
From: Louis Vermond
Topic: 9224 Message: 9226
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Eddy, Them daze are gone forever...

Lately you've been a bit perky. Mending are we?

My vote of eBay Glamour Shot of the Year

9227. Re: [AWA Group] Ebay Alert ..... Now THAT is a roller inductor

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-04 18:20:30 UTC
From: Eddy Swynar
Topic: 9224 Message: 9227

On 2014-02-04, at 1:03 PM, Louis Vermond wrote:

>
> Hi Eddy, Them daze are gone forever...
>
> Lately you've been a bit perky. Mending are we?
>

Hi Lou,

Well, not especially: STILL in constant knee pain here, & this darn winter has MORE than over-stayed its welcome this year.

I usually don't pine for summer wx until about 1/2 way though February---but these continually cold temperatures & near daily dumpings of fresh snow are REALLY getting the better of me!

~73~ de Eddy VE3CUI - VE3XZ

9228. Re: [AWA Group] eBay Alert [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-04 18:32:02 UTC
From: Louis Vermond
Topic: 9228 Message: 9228

"NO SALES TO CANADA"... I'm sure there are many down there who would just LOVE to be the recipient on your behalf...

"What receiver, Eddy?"

9229. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-04 18:46:39 UTC
From: Eddy Swynar
Topic: 9228 Message: 9229

On 2014-02-04, at 1:32 PM, Louis Vermond wrote:

>
> "NO SALES TO CANADA"... I'm sure there are many down there who would just LOVE to be the recipient on your behalf...
>
> "What receiver, Eddy?"
>
>

Hi Lou,

The one that was in the link you sent everyone, i.e. http://www.ebay.com/itm/161214892329

~73~ de Eddy VE3CUI - VE3XZ

9230. Re: [AWA Group] Ebay Alert ..... Now THAT is a roller inductor

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-04 18:49:17 UTC
From: Steve
Topic: 9224 Message: 9230

>---but these continually cold temperatures & near daily dumpings of fresh
>snow are REALLY getting the better of me!

I really don't know how any of you stand it....I'd be in the nuthouse by now
if I lived back there, especially this winter!

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

9231. Re: [AWA Group] Ebay Alert ..... Now THAT is a roller inductor

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-04 18:49:54 UTC
From: Louis Vermond
Topic: 9224 Message: 9231
Attachments: 1 described; binary payloads are missing from this source WARC

...this darn winter has MORE than over-stayed its welcome this year.

Buck up Eddy, remember, you're a Hearty Canuck!

Eddy running SWL Mobile and Hearty at the same time...

9232. Re: [AWA Group] Ebay Alert ..... Now THAT is a roller inductor

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-04 20:02:28 UTC
From: Eddy Swynar
Topic: 9224 Message: 9232

On 2014-02-04, at 1:49 PM, Steve wrote:

> >---but these continually cold temperatures & near daily dumpings of fresh
> >snow are REALLY getting the better of me!
>
> I really don't know how any of you stand it....I'd be in the nuthouse by now
> if I lived back there, especially this winter!
>
> Steve

Hi Steve,

It's certainly been an inordinately L-O-N-G and destructive winter this year, for sure...

"Victims" of the ice / cold / winds at this QTH...?

---My two K9AY loops (a tree collapsed right atop them);

---My 1/2-wave 160-meter dipole (it snapped when a tree fell atop the northern half---the southern half broke due to wind);

---My north "L" in my 160-meter 3-element phased array (the tree supporting the end snapped in half), and,

---My east "L" in the same array (the tree supporting its end came down).

All-in-all, a LESS than "stellar" typical fun-filled & frolicking winter of low band DX'ing, as I'm sure you'll agree...

...And the clean-up of the place has YET to come, too (sigh!).

~73~ de Eddy VE3CUI - VE3XZ

--

9233. Re: [AWA Group] Ebay Alert ..... Now THAT is a roller inductor

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-04 20:09:02 UTC
From: Steve
Topic: 9224 Message: 9233

Man Eddy!....like I said....I'd be locked-up by now and probably talking to myself. Hang in there...can't wait to hear your booming 160m signal once again.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

9234. Re: [AWA Group] Ebay Alert ..... Now THAT is a roller inductor

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-04 20:19:17 UTC
From: Eddy Swynar
Topic: 9224 Message: 9234

On 2014-02-04, at 3:09 PM, Steve wrote:

> Man Eddy!....like I said....I'd be locked-up by now and probably talking to
> myself. Hang in there...can't wait to hear your booming 160m signal once
> again.
>
>

Hi Steve,

Well, if there's anything GOOD inside of the apparent BAD that hits us, maybe this was all part of some "master plan" for me to try something different for 160-meters here...

I'd had the loops & the phased array for some 7(?) years here---and I think I pretty much milked them for all they were worth. Maybe it's time for an array of short receiving verticals on 160, and a RAISED radial system...? I don't just now---yet. But as is the case in everything else in life, things really & truly DO happen for a reason(s).

~73~ de Eddy VE3CUI - VE3XZ

9235. Re: [AWA Group] Ebay Alert ..... Now THAT is a roller inductor

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-04 21:10:55 UTC
From: Larry Szendrei
Topic: 9224 Message: 9235

On 2/4/14 12:39 PM, Louis Vermond wrote:
>
> http://www.ebay.co.uk/itm/High-Power-Rotary-Transmitting-Coil-ca-24-uH-Two-Roller-Contact-Flat-Bar-Coil-/171235186835?hash=item27de699893#ht_411wt_1141
>
I've got one similar to that in the "big rig," but it's the roller that
moves around the inside of the coil; the coil itself doesn't rotate.

73,
-Larry/NE1S

9236. Re: [AWA Group] Ebay Alert ..... Now THAT is a roller inductor

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-04 22:57:50 UTC
From: Roger Kuchera
Topic: 9224 Message: 9236
Attachments: 1 described; binary payloads are missing from this source WARC

Who is the guy in the red suit? Sgt. Preston? Renfrew of the NWMP?

Roger.

From: Louis Vermond <ldvermond@sympatico.ca>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, February 4, 2014 1:49 PM
Subject: Re: [AWA Group] Ebay Alert ..... Now THAT is a roller inductor

...this darn winter has MOREthan over-stayed its welcome
this year.

Buck up Eddy, remember, you're a Hearty
Canuck!

Eddy running SWL Mobile and Hearty at the
same time...

9237. Re: [AWA Group] Ebay Alert ..... Now THAT is a roller inductor [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-04 23:28:34 UTC
From: Louis Vermond
Topic: 9237 Message: 9237

Renfrew of the NWMP You know ur CBC Radio.

9238. Re: [AWA Group] Ebay Alert ..... Now THAT is a roller inductor

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-04 23:54:25 UTC
From: Roger Kuchera
Topic: 9237 Message: 9238

Hi Lou,
     I am a student of history only. The lame stream media from anywhere is of no interest to me. I do remember Sgt. Preston and his dog King (?) or was it Yukon King (?) on the big old Zenith in the parlor. Renfrew was a bit before my time.

Roger.

From: Louis Vermond <ldvermond@...>
To: AWAGroup@...m
Sent: Tuesday, February 4, 2014 6:28 PM
Subject: Re: [AWA Group] Ebay Alert ..... Now THAT is a roller inductor

Renfrew of the NWMP You know ur CBC Radio.

9239. National Type K dial info

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-04 23:55:53 UTC
From: Roger Kuchera
Topic: 9239 Message: 9239

Gentlemen,
     Where might I find scoop on National Type K drum dials?

CUL, Roger/K1TG

9240. Re: [AWA Group] Ebay Alert ..... Now THAT is a roller inductor [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-05 00:14:37 UTC
From: Niel - W0VLZ
Topic: 9224 Message: 9240

What I'd like to know is if that is a radio he's listening to as he rides.

Niel

Roger Kuchera wrote:
> Who is the guy in the red suit? Sgt. Preston? Renfrew of the NWMP?
>
> Roger.
> *From:* Louis Vermond <ldvermond@...>
> *To:* AWAGroup@yahoogroups.com
> *Sent:* Tuesday, February 4, 2014 1:49 PM
> *Subject:* Re: [AWA Group] Ebay Alert ..... Now THAT is a roller inductor
>
>
>
> ...this darn winter has /MORE/than over-stayed its welcome this year.
> Buck up Eddy, remember, you're a Hearty Canuck!
> Eddy running SWL Mobile and Hearty at the same time...
>
>
>
>

9241. Re: [AWA Group] Ebay Alert ..... Now THAT is a roller inductor

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-05 01:27:39 UTC
From: Leonard Meek
Topic: 9224 Message: 9241

Wasn't Renfrew's dog named Rin Tin Tin?
----- Original Message -----
From: Roger Kuchera
To: AWAGroup@yahoogroups.com
Sent: Tuesday, February 04, 2014 1:54 PM
Subject: Re: [AWA Group] Ebay Alert ..... Now THAT is a roller inductor

Hi Lou,
I am a student of history only. The lame stream media from anywhere
is of no interest to me. I do remember Sgt. Preston and his dog King (?)
or was it Yukon King (?) on the big old Zenith in the parlor. Renfrew
was a bit before my time.

Roger.

From: Louis Vermond <ldvermond@...>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, February 4, 2014 6:28 PM
Subject: Re: [AWA Group] Ebay Alert ..... Now THAT is a roller inductor

Renfrew of the NWMP You know ur CBC Radio.

9242. Re: [AWA Group] Ebay Alert ..... Now THAT is a roller inductor

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-05 01:47:15 UTC
From: Louis Vermond
Topic: 9224 Message: 9242

Chuckles

----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com
Sent: 2014-02-04 8:27 PM
Subject: Re: [AWA Group] Ebay Alert ..... Now THAT is a roller inductor

Wasn't Renfrew's dog named Rin Tin Tin?
----- Original Message -----
From: Roger Kuchera
To: AWAGroup@yahoogroups.com
Sent: Tuesday, February 04, 2014 1:54 PM
Subject: Re: [AWA Group] Ebay Alert ..... Now THAT is a roller inductor

Hi Lou,
I am a student of history only. The lame stream media from anywhere
is of no interest to me. I do remember Sgt. Preston and his dog King (?)
or was it Yukon King (?) on the big old Zenith in the parlor. Renfrew
was a bit before my time.

Roger.

From: Louis Vermond <ldvermond@...>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, February 4, 2014 6:28 PM
Subject: Re: [AWA Group] Ebay Alert ..... Now THAT is a roller inductor

Renfrew of the NWMP You know ur CBC Radio.

9243. Trivia - Renfrew's dog

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-05 04:45:09 UTC
From: Roger Kuchera
Topic: 9243 Message: 9243

While this hardly qualifies as a radio subject, there were a number of "Mountie" related radio and movie serials. There were 8 movies with Renfrew in the title. There are 2 dogs mentioned:

    Lightning, The Wonder Dog
    Chinook, The Wonder Dog

My memory of the other popular Mountie, Sgt. Preston, was partially correct. His dog was Yukon King.

Rin Tin Tin was actually rescued at Lorraine, France during WW1 by an American doughboy. He died in 1932 but his heirs seem to go on forever. I could find no particular personality that was attached to his name.

CUL, Roger/K1TG

9244. Re: [AWA Group] Trivia - Renfrew's dog

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-05 17:03:40 UTC
From: Leonard Meek
Topic: 9243 Message: 9244

It seems there was a Radio show in the '30's about Rin Tin Tin. We also listened, on the Radio, to a show called "Renfrew of the Mounties." That was one of my Mom's favorites. Ahh, for those thrilling days of yesteryear, when from out of the West comes the thundering..... Well, you know.

Leonard
----- Original Message -----
From: Roger Kuchera
To: AWA
Sent: Tuesday, February 04, 2014 6:45 PM
Subject: [AWA Group] Trivia - Renfrew's dog

While this hardly qualifies as a radio subject, there were a number of "Mountie" related radio and movie serials. There were 8 movies with Renfrew in the title. There are 2 dogs mentioned:

Lightning, The Wonder Dog
Chinook, The Wonder Dog

My memory of the other popular Mountie, Sgt. Preston, was partially correct. His dog was Yukon King.

Rin Tin Tin was actually rescued at Lorraine, France during WW1 by an American doughboy. He died in 1932 but his heirs seem to go on forever. I could find no particular personality that was attached to his name.

CUL, Roger/K1TG

9245. eBay Alert ...Strange

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-05 22:19:56 UTC
From: Louis Vermond
Topic: 9245 Message: 9245

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=131109442969&ssPageName=ADME:B:SS:CA:1120

9246. RE: Suggestion for changes in the LC Contest

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-06 03:29:30 UTC
From: JAMES HANLON
Topic: 9188 Message: 9246

First off I want to thank Neil, W0VLZ, and Larry, NE1S, for your replies to my original posting. I also want to apologize for not getting back more promptly. I was denied access to my email for a week (Thanks Microsoft!) and just got it back yesterday.

Neil, you commented that we shouldn't turn the LC into another version of the Classic Exchange. I should acknowledge up front that I have operated the Classic Exchange consistently from nearly when it started, and I even was the guy who was in charge of it for a while. So I do come from that background. One of the things that I like about the CX is the level of activity. On the last running of the CW CX, January 26 , 2014, In about 5 hours on the air, I made 77 contacts. In the last LC Contest I also spent 5 hours on the air and made 21 contacts. I do have to say that I had more fun operating the CX because of the much higher contact rate. And that's why I'm looking for ways to increase the number of contacts we make on the LC.

As to the Power Multiplier, and to the possibility of giving it to the receiving station instead of the transmitting station as Neil suggested ... I'm reminded of an experience that we had with the CX scoring formula. Originally the formula involved a multiplier for the total number of different receivers and transmitters used by the stations that we contacted on each band. The idea behind it was that contestants would be motivated to contact stations using different, nearly unique gear and that in turn would motivate guys to get that sort of gear on the air. It may have been a good idea, but it sure made the scoring complicated. When John MacAulay, WQ8U, took over running the CX, he eliminated this multiplier from the scoring formula. It didn't dampen anyone's interest in the contest, and it made the scoring a lot easier and it eliminated a lot of scoring errors. So ... the moral of the story is to Keep The Scoring Formula Simple. That would suggest that we don't need to give any extra points to the receiving station for digging out a weaker signal.

Larry brought up a couple of questions about the suggestion of using multiple Transmitter/Receiver pairs.

"If station A changes equipment and then works a station B that station A had already QSO'd on that band, would both get credit for the 2nd contact, or just the station that had switched equipment?" Again, to keep it simple, I would say that both station A and station B should get credit for the second contact.

"And how would station B know that station A had changed equipment, so that he could know he could work him again?" In answer to this one, I'd say that station B would just have to copy station A's transmission to see if he had changed equipment or not. If he had changed, it would count as a second contact. If he had not, it would just be a duplicate contact and station B could remind station A that they had already made a contact on that band with that equipment. It's really no different than what we do now. Neil and Bob, AA9DH, both called me on 40 on 1/18, and we had previously worked on 40 on 1/15. So I just said thanks and 73 & GL and went on looking for another QSO. No biggie. One thing though, rather than giving the date of the equipment we are using, as in "RX 42, TX42," it would be better if we would switch to giving the type of equipment we are using, as in RX BC455, TX BC459." That way, if we made a later contact with a "RX BC348, TX TCS" report, there would be no

question in Station B's mind about whether we had switched equipment. We would have to think about whether to allow an additional contact if only one piece of equipment was changed - probably not if we want to avoid becoming too much like the CX - and whether to allow an additional contact if another pair in the MOD category was used. For example, if one of the stations switched from using a DX-100 and a NC303, both MOD, to a Valiant and a 75A4, also both MOD, would we want to count that as an additional contact. My feeling on that one, since we are trying to encourage folks to restore and use VINTAGE equipment as opposed to MOD equipment, would be that we should not count that as an additional contact. But I'd like to hear others opinions on these questions. That brings another thought to mind. The CX does not have a strict cutoff date for equipment that can be used as we do in the LC Contest. Rather, the CX encourages folks to use older equipment by having an "age multiplier" consisting of the sum total of the age of all receivers and transmitters used for three or more QSOs in the contest. We do something of that sort by having a scoring multiplier of 3 if we use a receiver and a transmitter that are both Vintage, a multiplier of 2 if only one of the pair is Vintage, and a multiplier of 1 if both are MODern. In that regard, our "cutoff date" is not an absolute since we do allow the use of MODern equipment in the contest. Would we want to consider something other than the Vintage and MODern classifications that we are using right now? Again, I'd appreciate it very much if more folks, especially those who operate the Linc Cundall Contest, would join in this conversation. 73, Jim Hanlon, W8KGI

9247. eBay Alert Dials Glamour

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-06 16:18:56 UTC
From: Louis Vermond
Topic: 9247 Message: 9247

If you win these please sell me one of the Remlers. Lou

http://www.ebay.com/itm/Lot-Antique-Radio-Dials-Knobs-Marco-Pilot-Vernier-Remler-Tube-Era-1920s-/310867532763?pt=LH_DefaultDomain_0&hash=item4861261bdb#ht_7035wt_1401

9248. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-06 16:21:03 UTC
From: Louis Vermond
Topic: 130 Message: 9248

For you QRO Bugs...

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=390764430761&ssPageName=ADME:B:SS:CA:3160

9249. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-08 02:09:35 UTC
From: Louis Vermond
Topic: 130 Message: 9249

Look...

http://www.ebay.co.uk/sch/riocea2/m.html?_nkw=&_armrs=1&_ipg=&_from=

9250. Vernier dial

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-09 22:16:57 UTC
From: KG4KGL
Topic: 9250 Message: 9250

I have this dial for a regen I want to build. I am reading the instructions and it says, "the dial mounts entirely from the front of the panel". Now there must be some part of this mechanism that goes behind panel and attaches to the varicap shaft.

Here is a link to photos of the dial.

http://www.kg4kgl.net/regenerative-receiver/velvet-vernier-dial/

Someone please help a newbie out.

Robert
KG4KGL
EM94mb

9251. Re: [AWA Group] Vernier dial

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-10 00:13:53 UTC
From: Leonard Meek
Topic: 9250 Message: 9251

I have those but I always mount them from the back. The knob has to come off first and then the 3 dial mounting screws. Once those are off, the mounting may become a little more obvious. If I remember correctly, it requires a fairly large hole in the panel. The tabs on the half round disk on the back are for stationary stop screws. It's slightly complicated figuring out how to orient the mounting screws to get the turning range you want.

Leonard

----- Original Message -----
From: KG4KGL
To: AWA
Sent: Sunday, February 09, 2014 12:16 PM
Subject: [AWA Group] Vernier dial

I have this dial for a regen I want to build. I am reading the instructions and it says, "the dial mounts entirely from the front of the panel". Now there must be some part of this mechanism that goes behind panel and attaches to the varicap shaft.

Here is a link to photos of the dial.

http://www.kg4kgl.net/regenerative-receiver/velvet-vernier-dial/

Someone please help a newbie out.

Robert
KG4KGL
EM94mb

9252. Dial

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-10 02:12:10 UTC
From: Michael A. Bittner
Topic: 1891 Message: 9252
Attachments: 5 described; binary payloads are missing from this source WARC

Robert,
Your dial was most likely removed from the tuning unit of a WWII vintage BC-375 transmitter. The same velvet vernier drive mechanism is used in the National Type ACN and MCN dials that were designed for amateur radio use. I used one of these dials in one of my homebrew regens, but I removed the heavy ceramic and the sheet metal parts of the coupling, and made my own coupling out of a round piece of phenolic printed circuit board material and the part of the original coupling that has the set screw for attachment to your tuning capacitor. The ceramic part is not needed as your regen will probably have no very high voltages, and the sheet metal part just restricts the rotation to 90 degrees and makes the mounting orientation more difficult, as Leonard Meek has suggested.

The dial drive mounts from the back, not the front, and as Leonard has said, you will need to remove the knob and the dial. You also probably need to remove the coupling from the rear in order to have access to the four mounting screws. Then you will be able to see the size of the holes that you will need to drill in your front panel to mount the drive mechanism from the rear. The instructions you have, that say mounting from the front are probably for a different National dial, but may have the same mounting hole pattern.

I have attached photos of a BC-375 tuning unit showing your dial in its original use, rear views of the National ACN and MCN drive mechanisms with and without the capacitor coupling attached, and front and rear views of my regen using this same dial with my modified coupling. I don't know if these attachments will get through to the group, but you should get them. Good luck with your project.
Mike, W6MAB

9253. Re: [AWA Group] Dial [5 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-10 02:28:58 UTC
From: Michael A. Bittner
Topic: 9253 Message: 9253

Oops, I meant "restricts the rotation to 180 degrees", not 90 degrees. Mike, W6MAB

9254. Re: [AWA Group] Vernier dial

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-10 11:38:59 UTC
From: KG4KGL
Topic: 9250 Message: 9254

Thank you to all for this information.

Robert
KG4KGL
EM94mb

> On Feb 9, 2014, at 19:13, "Leonard Meek" <lemeek@...> wrote:
>
> I have those but I always mount them from the back. The knob has to come off first and then the 3 dial mounting screws.

9255. Re: [AWA Group] Vernier dial

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-10 13:34:23 UTC
From: Roger Kuchera
Topic: 9250 Message: 9255

Hi Robert,
     That particular variety of Velvet Vernier is mounted from the rear of the panel. Remove the dial and it's attendant skirt, the ceramic coupler and the extra piece of sheet metal. It may be bolted or spot welded to the back of the mechanism. You will need to drill a large hole in the center to pass the hub of the vernier and 4 mounting holes. The mounting screws are somewhat smaller than the standard binder machine screw. The standard doesn't sit flush on the vernier. I have resorted to spinning a standard screw in my drill press and filling the edge until it fits. It's a bit extreme but it works. Also, the vernier will turn 360 degrees. I have one mounted on the shaft of a Heath VF-1 VFO and it does a dandy job of slowing down the tuning rate. Good Luck with your project.

CUL, Roger/K1TG

From: KG4KGL <kg4kgl@...>
To: AWA <AWAGroup@yahoogroups.com>
Sent: Sunday, February 9, 2014 5:16 PM
Subject: [AWA Group] Vernier dial

I have this dial for a regen I want to build. I am reading the instructions and it says, "the dial mounts entirely from the front of the panel". Now there must be some part of this mechanism that goes behind panel and attaches to the varicap shaft.

Here is a link to photos of the dial.

http://www.kg4kgl.net/regenerative-receiver/velvet-vernier-dial/

Someone please help a newbie out.

Robert
KG4KGL
EM94mb

9256. Winning bid:US $264.00

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-10 16:18:04 UTC
From: Louis Vermond
Topic: 9256 Message: 9256
Attachments: 1 described; binary payloads are missing from this source WARC

That's all?!

9257. RE: [AWA Group] Winning bid:US $264.00

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-10 16:25:58 UTC
From: Mike Feher
Topic: 9256 Message: 9257
Attachments: 1 described; binary payloads are missing from this source WARC

I forgot to bid. Sometimes I luck out and save money, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Monday, February 10, 2014 11:18 AM
To: AWAGroup
Subject: [AWA Group] Winning bid:US $264.00

That's all?!

9258. New addition -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-10 16:28:47 UTC
From: Mike Feher
Topic: 2174 Message: 9258
Attachments: 1 described; binary payloads are missing from this source WARC

Here is a nice new addition to the collection. The top cover seems to have protected the insides as it looks fantastic. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

9259. Re: [AWA Group] Winning bid:US $264.00

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-10 16:34:19 UTC
From: Louis Vermond
Topic: 9256 Message: 9259

Nothing lucky about missing this one!

Look at this:: http://www.ebay.co.uk/itm/Eddystone-Atlantic-2-Radio-/271397542783?ssPageName=ADME:B:SS:US:3160
There are hearts aflutter all over the world...

9260. RE: [AWA Group] Winning bid:US $264.00

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-10 16:40:28 UTC
From: Mike Feher
Topic: 9256 Message: 9260

Really - I do not see any bidding frenzy. -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Monday, February 10, 2014 11:34 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Winning bid:US $264.00

Nothing lucky about missing this one!

Look at this::
http://www.ebay.co.uk/itm/Eddystone-Atlantic-2-Radio-/271397542783?ssPageName=ADME:B:SS:US:3160

There are hearts aflutter all over the world...

9261. Re: [AWA Group] Winning bid:US $264.00

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-10 16:45:01 UTC
From: Louis Vermond
Topic: 9256 Message: 9261

Aflutter, but without hope.

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: 2014-02-10 11:40 AM
Subject: RE: [AWA Group] Winning bid:US $264.00

Really - I do not see any bidding frenzy. -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Monday, February 10, 2014 11:34 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Winning bid:US $264.00

Nothing lucky about missing this one!

Look at this:: http://www.ebay.co.uk/itm/Eddystone-Atlantic-2-Radio-/271397542783?ssPageName=ADME:B:SS:US:3160

There are hearts aflutter all over the world...

9262. RE: [AWA Group] New addition - [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-11 17:39:29 UTC
From: Mike Feher
Topic: 2174 Message: 9262
Attachments: 1 described; binary payloads are missing from this source WARC

Interesting that there were no comments on this item. Maybe some of you do not recognize it. It is a Marconi Magnetic detector, that was relatively common from about 1902 to 1912. It was deemed vastly superior to the coherer, and, had greater sensitivity and did not need to be de-cohered, so, it could be used at higher code speeds. Due to its ruggedness, it was often used on ships, including the Titanic. The clockwork motor had to be re-wound about every two hours. I also have an Italian one that is electric motor driven, and, I am attaching a photo of that as well. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Mike Feher
Sent: Monday, February 10, 2014 11:29 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] New addition - [1 Attachment]

Here is a nice new addition to the collection. The top cover seems to have protected the insides as it looks fantastic. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

9263. AM?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-13 03:01:27 UTC
From: Louis Vermond
Topic: 9263 Message: 9263

So, how did the AWA AM contest go? Lou

9264. Re: [AWA Group] AM?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-13 21:05:37 UTC
From: Larry Szendrei
Topic: 9263 Message: 9264

On 2/12/14 10:01 PM, Louis Vermond wrote:
>
> So, how did the AWA AM contest go? Lou
>
Made contacts on 160M, 40M, and (mostly) 75M. Tried for a while, but
couldn't stir up any activity on 20M. Have not sifted through my notes
to get a total yet.

It was fun. Janis AB2RA was quite active. I think she "won" it one year.

73,
-Larry/NE1S

9265. Re: [AWA Group] AM?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-14 13:37:30 UTC
From: Louis Vermond
Topic: 9263 Message: 9265
Attachments: 2 described; binary payloads are missing from this source WARC

Made contacts on 160M, 40M, and (mostly) 75M. Tried for a while, but couldn't stir up any activity on 20M. Have not sifted through my notes to get a total yet.

Thank you, Larry. I had big hopes, but the contest passed my by. :0(73, Lou

9266. Re: [AWA Group] AM?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-14 14:39:55 UTC
From: Carl Nord WA1KPD
Topic: 9263 Message: 9266

Very nice job. You have inspired me to go back and try again as I had no luck in getting modulation. The mic works fine according to the scope so I am going to follow your example.

----- Original Message -----From: Louis Vermond <ldvermond@...>To: AWAGroup@yahoogroups.comSent: Fri, 14 Feb 2014 13:37:30 -0000 (UTC)Subject: Re: [AWA Group] AM?

Made contacts on 160M, 40M, and (mostly) 75M. Tried for a while, but couldn't stir up any activity on 20M. Have not sifted through my notes to get a total yet.

Thank you, Larry. I had big hopes, but the contest passed my by. :0(73, Lou

9267. Re: [AWA Group] AM?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-14 16:59:55 UTC
From: Louis Vermond
Topic: 9263 Message: 9267

Very nice job. You have inspired me to go back and try again as I had no luck in getting modulation. The mic works fine according to the scope so I am going to follow your example...

Hi Carl,

From resent experience here and at VE3LYX, the amount of microphone resistance has a baring on results. Results meaning, of courses, DX and voice fidelity.
The mic. Don sent was to get me started which it has, but it's resistance is too low (166 ohms) needing, it appears, to be in the 400 ohm range.

I have little information on the ways and how-tos of loop modulation. If anyone cares to wade in on this topic it would be helpful.

73, Lou

9268. Re: [AWA Group] AM?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-14 18:07:41 UTC
From: Larry Szendrei
Topic: 9263 Message: 9268

On 2/14/14 9:39 AM, Carl Nord WA1KPD wrote:
> Very nice job. You have inspired me to go back and try again as I had
> no luck in getting modulation. The mic works fine according to the
> scope so I am going to follow your example.
>
I concur. Nice job, Lou!

9269. AM? & Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-14 22:28:54 UTC
From: Louis Vermond
Topic: 9269 Message: 9269
Attachments: 1 described; binary payloads are missing from this source WARC

I concur.

Tks Larry, made of bench scraps.

Now, please hold forth on carbon microphone requirements for loop modulation. Going to begin looking for a mic and would be helpful to not go into it blind.

What's your understanding of the AM contest participant numbers?

73, Lou

9270. Re: [AWA Group] AM? & Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-15 00:04:01 UTC
From: Larry Szendrei
Topic: 9269 Message: 9270

On 2/14/14 5:28 PM, Louis Vermond wrote:
>
> □
>
> I concur.
> Tks Larry, made of bench scraps.
> Now, please hold forth on carbon microphone requirements for loop
> modulation. Going to begin looking for a mic and would be helpful to
> not go into it blind.

Not an expert on loop modulation, Lou, and my reference books of the period don't go into much technical detail.

That said, from basic principles you are transferring a considerable fraction of the RF power from the transmitter into the microphone - it is, essentially a variable resistance dummy load. Maximum power is dissapated in the microphone element on negative modulation peaks, and a minimal amout (ideally none) on positive peaks.

So it is essentially a matter of impedance matching and appropriate loading. So it should not matter if the carbon microphone has a resistance of 50 ohms or 600 ohms, as long as it is appropriately matched. Lower resistance elements will require fewer turns on the loop, higher resistance elements will need more turns. The loading (coupling of the loop to the transmitter) should be adjusted such that the RF power to the antenna is about 25% of the full output when the loop is not coupled to the transmitter. Again, this is from basic principles; nothing I have read specific to loop modulation goes into this level of detail. The microphone element needs to be able to safely absorb the power, so we're mostly talking QRP here. I guess you would want as large/massive an element as you can find.
> What's your understanding of the AM contest participant numbers?
>
No idea. Most of the folks I worked specifically in the QSO party were on 3838KHz Saturday night. I still haven't had a chance to total my contacts - busy with taxes (mine, my mom's, her estate taxes, and "consulting" with one of my boys).

73,
-Larry/NE1S

9271. eBay Alert '60s HB RX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-15 01:18:46 UTC
From: Louis Vermond
Topic: 9271 Message: 9271

http://www.ebay.ca/itm/Vintage-HAM-Radio-Receiver-AM-CW-Custom-Built-National-Velvet-Vernier-Dial-/281266265014?pt=LH_DefaultDomain_0&hash=item417cc69bb6#ht_174wt_1232

9272. Re: [AWA Group] AM? & Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-15 14:17:55 UTC
From: Louis Vermond
Topic: 9269 Message: 9272

GM Larry,

Many thanks for your help in this. I've printed it out.

2015 AM Contest. I've a place on the wall where the #1 Award will hang.

73, Lou

On 2/14/14 5:28 PM, Louis Vermond wrote:

☐

I concur.

Tks Larry, made of bench scraps.

Now, please hold forth on carbon microphone requirements for loop modulation. Going to begin looking for a mic and would be helpful to not go into it blind.

Not an expert on loop modulation, Lou, and my reference books of the period don't go into much technical detail.

That said, from basic principles you are transferring a considerable fraction of the RF power from the transmitter into the microphone - it is, essentially a variable resistance dummy load. Maximum power is dissapated in the microphone element on negative modulation peaks, and a minimal amout (ideally none) on positive peaks.

So it is essentially a matter of impedance matching and appropriate loading. So it should not matter if the carbon microphone has a resistance of 50 ohms or 600 ohms, as long as it is appropriately matched. Lower resistance elements will require fewer turns on the loop, higher resistance elements will need more turns. The loading (coupling of the loop to the transmitter) should be adjusted such that the RF power to the antenna is about 25% of the full output when the loop is not coupled to the transmitter. Again, this is from basic principles; nothing I have read specific to loop modulation goes into this level of detail. The microphone element needs to be able to safely absorb the power, so we're mostly talking QRP here. I guess you would want as large/massive an element as you can find.

What's your understanding of the AM contest participant numbers?

No idea. Most of the folks I worked specifically in the QSO party were on 3838KHz Saturday night. I still haven't had a chance to total my contacts - busy with taxes (mine, my mom's, her estate taxes, and "consulting" with one of my boys).

73,
-Larry/NE1S

9273. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-15 16:28:50 UTC
From: Louis Vermond
Topic: 130 Message: 9273

National Ham Radio Receiver S Unit MeterNational Ham Radio Receiver S Unit Meter
http://www.ebay.com/itm/National-Ham-Radio-Receiver-S-Unit-Meter-/271400407103?pt=LH_DefaultDomain_0&hash=item3f30b9903f#ht_235wt_1232

Vintage 1988 - Lot of 3 - THE OLD TIMERS BULLETINVintage 1988 - Lot of 3 - THE OLD TIMERS BULLETIN
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=191071459029&ssPageName=ADME:B:SS:CA:1120

9274. RME-69 Xtal Filter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-16 17:24:21 UTC
From: Roger Kuchera
Topic: 9274 Message: 9274

Gentlemen,

At some point I exchanged emails with an AWA member re: the RME-69 xtal filter circuit.

I have since lost track of the gentleman due to PC failure here. Specifically, we discussed the inability to get the filter to work or work well in "Series" mode. This is a sort of APB asking if the person would step forward to renew the contact.

CUL, Roger/K1TG

9275. Re: [AWA Group] RME-69 Xtal Filter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-17 12:26:07 UTC
From: Larry Szendrei
Topic: 9274 Message: 9275

On 2/16/14 12:24 PM, Roger Kuchera wrote:
>
> Gentlemen,
> At some point I exchanged emails with an AWA member re: the
> RME-69 xtal filter circuit.
> I have since lost track of the gentleman due to PC failure here.
> Specifically, we discussed
> the inability to get the filter to work or work well in "Series" mode.
> This is a sort of
> APB asking if the person would step forward to renew the contact.
>
> CUL, Roger/K1TG
>
>
I think that was me, Roger.

-Larry/NE1S

9276. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-17 19:14:38 UTC
From: Louis Vermond
Topic: 130 Message: 9276

http://www.ebay.com/itm/Vintage-Weston-Model-425-Amperes-R-F-Gage-Meter-Mint-In-Box-/111281540113?ssPageName=ADME:B:SS:CA:1120

9277. eBay Alert BUY IT NOW 3" Dia.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-18 14:07:28 UTC
From: Louis Vermond
Topic: 9277 Message: 9277

http://www.ebay.com/itm/VINTAGE-NATIONAL-VELVET-VERNIER-TUNING-DIAL-for-HAM-RADIO-RECEIVER-or-VFO-/151234881404?ssPageName=ADME:B:SS:US:3160

9278. eBay Alert Vry nice 4" dials. Cheap... You'd be set up for ur bilding life.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-18 15:56:57 UTC
From: Louis Vermond
Topic: 9278 Message: 9278

http://www.ebay.com/itm/7-Antique-1920s-Radio-Dials-/221374939816?pt=LH_DefaultDomain_0&hash=item338af982a8#ht_51wt_922

http://www.ebay.com/itm/Antique-NOS-Visco-Radio-Dials-Pat-Sept-23-1924-/221374720078?pt=LH_DefaultDomain_0&hash=item338af6284e#ht_51wt_922

9279. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-18 16:33:34 UTC
From: Louis Vermond
Topic: 130 Message: 9279

http://www.ebay.com/itm/Power-Supply-for-1920s-vacuum-tube-battery-radios-4-different-voltages-works-/331132237168?ssPageName=ADME:B:SS:CA:1120

9280. Fwd: [AWA] RBM- 1/2/3/4/5 Receiver Set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-18 16:39:58 UTC
From: Larry Szendrei
Topic: 9280 Message: 9280

Forwarding from another reflector. Hopefully someone can rescue the
beast, if no one has already.

Contact information below. Please note that it is not me.

73,
-Larry/NE1S

****
****
Folks:
A fellow ham has a RBM - 1/2/3/4/5 receiver set (200 Kcs - 20 Mcps) that
he wants too get rid of. The set is 1945 vintage and is comprised of 2
receivers, field carrying case, all manuals and interconnecting cables.
The price is "right". If he does not get rid of it, the set will go to
the dump.
Please contact N4MQ, Woddy at: awoodeye@...
<mailto:awoodeye@...>.

9281. Cersmic trimmer capacitor

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-19 17:57:04 UTC
From: <alexm_1968@...>
Topic: 9281 Message: 9281

Hi All I'm currently looking for a ceramic trimmer capacitor values 3-40pf @ 500V for my Wireless Set 19 Mk3 an goes in pos of C10B which is the drive adj trimmer, an original part would be nice but a substitute is welcomed as well if anybody know where to get it or they perhaps have one in their junk box pls let me know.

Alex VE2AIU

9282. Re: [AWA Group] Cersmic trimmer capacitor

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-19 19:48:37 UTC
From: Roger Kuchera
Topic: 9281 Message: 9282

Have you got a picture of one?

Roger/K1TG

From: "alexm_1968@..." <alexm_1968@...>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, February 19, 2014 12:57 PM
Subject: [AWA Group] Cersmic trimmer capacitor

Hi All I'm currently looking for a ceramic trimmer capacitor values 3-40pf @ 500V for my Wireless Set 19 Mk3 an goes in pos of C10B which is the drive adj trimmer, an original part would be nice but a substitute is welcomed as well if anybody know where to get it or they perhaps have one in their junk box pls let me know.

Alex VE2AIU

9283. Re: [AWA Group] Cersmic trimmer capacitor

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-19 22:07:48 UTC
From: Alex Marcianesi
Topic: 9281 Message: 9283

Hi Roger,
Unfortunately I don't have a picture of one the original is still in the WS19mk3 it's going to be a very big task getting at it, so I left it as is, I would like to have a replacement before I go in and perform surgery on the WS19Mk3. A generic trimmer cap of 3-40 Pf @ 500v is fine because it's inside

Alec

VE2AIU

Sent from my iPhone

> On Feb 19, 2014, at 14:48, Roger Kuchera <rwkuchera@...> wrote:
>
> Have you got a picture of one?
>
> Roger/K1TG
> From: "alexm_1968@..." <alexm_1968@...>
> To: AWAGroup@yahoogroups.com
> Sent: Wednesday, February 19, 2014 12:57 PM
> Subject: [AWA Group] Cersmic trimmer capacitor
>
>
>
> Hi All I'm currently looking for a ceramic trimmer capacitor values 3-40pf @ 500V for my Wireless Set 19 Mk3 an goes in pos of C10B which is the drive adj trimmer, an original part would be nice but a substitute is welcomed as well if anybody know where to get it or they perhaps have one in their junk box pls let me know.
>
> Alex VE2AIU
>
>
>
>
>
>
>

9284. eBay Alert Nice, but insane prices

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-20 00:56:09 UTC
From: Louis Vermond
Topic: 9284 Message: 9284

http://stores.ebay.ca/KarrolsKorner/_i.html?rt=nc&_sid=300721624&_trksid=p4634.c0.m14.l1513&_pgn=1

9285. RE: [AWA Group] eBay Alert Nice, but insane prices

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-20 02:47:01 UTC
From: Mike Feher
Topic: 9284 Message: 9285

Yes, that is Karol, Michael Payne's wife. He used to sell as "WE300B" and now as "electrojunk". Known him for a long long time. His prices were almost always outrageous. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Wednesday, February 19, 2014 7:56 PM
To: AWAGroup
Subject: [AWA Group] eBay Alert Nice, but insane prices

http://stores.ebay.ca/KarrolsKorner/_i.html?rt=nc <http://stores.ebay.ca/KarrolsKorner/_i.html?rt=nc&_sid=300721624&_trksid=p4634.c0.m14.l1513&_pgn=1> &_sid=300721624&_trksid=p4634.c0.m14.l1513&_pgn=1

9286. Re: [AWA Group] eBay Alert Nice, but insane prices

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-20 13:44:48 UTC
From: Roger Kuchera
Topic: 9284 Message: 9286

What sort of "stuff" is he smoking?

Roger.

From: Mike Feher <n4fs@...>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, February 19, 2014 9:47 PM
Subject: RE: [AWA Group] eBay Alert Nice, but insane prices

Yes, that is Karol, Michael Payne’s wife. He used to sell as “WE300B” and now as “electrojunk”. Known him for a long long time. His prices were almost always outrageous. 73 – Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

From:AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Wednesday, February 19, 2014 7:56 PM
To: AWAGroup
Subject: [AWA Group] eBay Alert Nice, but insane prices

http://stores.ebay.ca/KarrolsKorner/_i.html?rt=nc&_sid=300721624&_trksid=p4634.c0.m14.l1513&_pgn=1

9287. Microphone ID

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-24 13:43:37 UTC
From: Steve Flood
Topic: 9287 Message: 9287
Attachments: 1 described; binary payloads are missing from this source WARC

Does anyone recognize these mics? The olive drab color suggests military.
The lack of any numbering other than a single stamped "28" suggests
otherwise.

Thanks,

Steve KK7UV

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

9288. RE: [AWA Group] Microphone ID

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-24 14:00:30 UTC
From: Mike Feher
Topic: 9287 Message: 9288
Attachments: 1 described; binary payloads are missing from this source WARC

Steve -

I do recognize them. They were used mainly with the BC-474A transmitter/receiver unit. The 474A is a neat little set made by RCA, initially used in aviation as the AVR/AVT series, and then put into service for the military early in WWII. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Steve Flood
Sent: Monday, February 24, 2014 8:44 AM
To: awagroup@yahoogroups.com
Subject: [AWA Group] Microphone ID

Does anyone recognize these mics? The olive drab color suggests military. The lack of any numbering other than a single stamped "28" suggests otherwise.

Thanks,

Steve KK7UV

<http://www.avast.com/>

This email is free from viruses and malware because avast! Antivirus <http://www.avast.com/> protection is active.

9289. RE: [AWA Group] Microphone ID

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-25 00:51:15 UTC
From: Steve Flood
Topic: 9287 Message: 9289

Thanks Mike. My next question was if they are carbon mics. I attempted a websearch for the answer but no luck. Both of mine measure in the many megohms.

Steve

KK7UV

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

9290. RE: [AWA Group] Microphone ID

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-25 01:13:31 UTC
From: Mike Feher
Topic: 9287 Message: 9290
Attachments: 1 described; binary payloads are missing from this source WARC

Steve -

I could not remember, so, I looked up the schematic, which is below. According to the schematic and the verbiage in the manual, it appears it would be a carbon. Although, from the schematic it looks like a dynamic may work as well in the circuit, which of course is no consequence to you. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Steve Flood
Sent: Monday, February 24, 2014 7:51 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Microphone ID

Thanks Mike. My next question was if they are carbon mics. I attempted a websearch for the answer but no luck. Both of mine measure in the many megohms.

Steve

KK7UV

<http://www.avast.com/>

This email is free from viruses and malware because avast! Antivirus <http://www.avast.com/> protection is active.

9291. Cardwell Catalogue Transmitter Circuits

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-25 15:06:17 UTC
From: Louis Vermond
Topic: 9291 Message: 9291

Yesterday focused on the transmitter circuits found in that late 1920s Cardwell catalogue I have. Scanned that page and related other pages putting them in the File, "1929 Cardwell Catalogue Transmitter Circuits". Nothing new and startling, but something to muse over while the iron is heating up.

73, Lou
VE3AWA

9292. Re: [AWA Group] Cardwell Catalogue Transmitter Circuits

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-25 18:00:19 UTC
From: Garey Barrell
Topic: 9291 Message: 9292
Attachments: 5 described; binary payloads are missing from this source WARC

Lou -

Attached are your pages, in PDF format. A little smaller and 'de-fogged'!

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Louis Vermond wrote:
>
>
> Yesterday focused on the transmitter circuits found in that late 1920s Cardwell catalogue I have. Scanned that page
> and related other pages putting them in the File, "1929 Cardwell Catalogue Transmitter Circuits". Nothing new and
> startling, but something to muse over while the iron is heating up.
> 73, Lou
> VE3AWA
>
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4335 / Virus Database: 3705/7124 - Release Date: 02/25/14
>

9293. Re: [AWA Group] Cardwell Catalogue Transmitter Circuits [5 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-25 18:54:34 UTC
From: Garey Barrell
Topic: 9291 Message: 9293

Sorry folks, failed to change to address. Obviously intended for Lou direct.

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Garey Barrell wrote:
> Lou -
>
> Attached are your pages, in PDF format. A little smaller and 'de-fogged'!
>
> 73, Garey - K4OAH
> Glen Allen, VA
>

9294. Re: [AWA Group] Cardwell Catalogue Transmitter Circuits

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-25 19:13:42 UTC
From: Larry Szendrei
Topic: 9291 Message: 9294

On 2/25/14 1:54 PM, Garey Barrell wrote:
> Sorry folks, failed to change to address. Obviously intended for Lou direct.
>
> 73, Garey - K4OAH
> Glen Allen, VA
>
>
Heck, Garey, I was glad to get it! Thanks!

73,
-Larry/NE1S

9295. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-26 00:20:05 UTC
From: Louis Vermond
Topic: 130 Message: 9295

Vintage National Radio Vibrapack Power Supply 1945 New Old Stock.Vintage Radio Vibrapack Power Supply 1945 New Old Stock.

http://www.ebay.co.uk/itm/Vintage-Radio-Vibrapack-Power-Supply-1945-New-Old-Stock-/111284871256?pt=UK_Collectables_RadioTelevision_Telephony_SM&hash=item19e9186058#ht_52wt_1269

9296. RE: [AWA Group] Microphone ID

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-26 03:16:54 UTC
From: Steve Flood
Topic: 9287 Message: 9296

It was easy to open one up and check the element - it is carbon. The granules are loose and not stuck together which I think is desirable. However, the element measures many megohms resistance.

Steve KK7UV

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

9297. AWA 1929 QSO Party List of Received Logs, both Mail and Email

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-26 14:47:53 UTC
From: whitebear1122@...
Topic: 9297 Message: 9297

Gang, Here is the preliminary list of 1929 QSO Party logs that I received via mail and email. This is the first draft. I need to go through the pile of logs tonight and double check to make sure they all got to the list, and the recheck the numbers . If you sent in your log and don't see it here, please let me know. If you didn't send in your log, you still can and I encourage you to. I will getting this off to Tim W1GIG this coming weekend so stragglers have one last chance :)

I always start this years list from last years list, adding and deleting as necessary. I noticed maybe 10-15 log submissions less this year. Like usual I will go through each log and extract all the call signs of stations operating in the event so we can see who all partipated but didn't send in a log.

From going through the logs, it looks like everyone struggled with poor propagation and static. Many scores are down by maybe 10 to 15 contacts. Lots of comments about propagation, not hearing as many, and static. I know at my QTH 40 meters was nearly worthless both weekends and I was counting on 40m big time. 80 meters didn't seem to go long much. I heard only a fraction of the New England states as I normally do.

There are several guys who always impress me with their 29 operation because t hey use homebrew regen receivers for part of the event. Wow!

Did you know California was on the air for one contact. WA6VYN. Howie WB2AWQ/7 was the lucky QSO with California. Lets try to encourage WA6VYN to give out more QSOs next year!

Thanks. 73, Scott WA9WFA

NE1S,NF1O,W1ZB,K1TMJ,NV1X,W1GIG,WA1KPD,

, WT2W,W2LB,WB2QMY,N2OUV,W2AO,WA2OVJ, W2DGB,

, WA3YNW,W3BYM, W3FJJ, N3GJ,

K4JYS,N4GJV, K4LJH,K4LXY,

,K5RB,

WA6VYN,

, W7LNG,KK7UV,WA2AWQ/7,W8KGI,

N8YE,WA8DOF,

WB9WHG,N9HAL,W9DKB, N9OB,

W0VLZ ,KI0DB, W0LS,W0CWU,KB0ROB,W0LGU,K0KCY,K0KP,WA9WFA,AB0CW,

VA3AWA, VE7SL,

9298. AWA 1929 QSO Party List of Received Logs, both Mail and Email

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-26 15:50:21 UTC
From: Louis Vermond
Topic: 9297 Message: 9298

VA3AWA ?? It's, VE3AWA

QSL, OM?

9299. Re: [AWA Group] AWA 1929 QSO Party List of Received Logs, both Mail and Email

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-26 16:45:08 UTC
From: Don Buska - The Radio Lab Works
Topic: 9297 Message: 9299
Attachments: 1 described; binary payloads are missing from this source WARC

Tomato - Tomoto Hi.

On 2/26/2014 9:50 AM, Louis Vermond wrote:
>
> VA3AWA ?? It's, VE3AWA
> QSL, OM?
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4335 / Virus Database: 3705/7126 - Release Date: 02/26/14
>

--

9300. Re: [AWA Group] AWA 1929 QSO Party List of Received Logs, both Mail and Email [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-26 16:59:04 UTC
From: Louis Vermond
Topic: 9300 Message: 9300

And how many pronunciations for raspberries, OM?

9301. W0FD -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-28 01:22:56 UTC
From: Mike Feher
Topic: 9301 Message: 9301

Please welcome Mike, W0FD to our group. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

9302. Re: [AWA Group] W0FD -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-28 13:14:16 UTC
From: Roger Kuchera
Topic: 9301 Message: 9302

Howdy Mike......Welcome aboard!

CUL, Roger/K1TG

From: Mike Feher <n4fs@...>
To: AWAGroup@yahoogroups.com
Sent: Thursday, February 27, 2014 8:22 PM
Subject: [AWA Group] W0FD -

Please welcome Mike, W0FD to our group. 73 – Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

9303. RE: [AWA Group] W0FD -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-02-28 15:35:02 UTC
From: Mike Wells
Topic: 9301 Message: 9303

Thanks Roger and Mike. I look forward to reading the different threads and learning more about the early years radio equipment and building.

73

Mike W0FD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Roger Kuchera
Sent: Friday, February 28, 2014 6:14 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] W0FD -

Howdy Mike......Welcome aboard!

CUL, Roger/K1TG

From: Mike Feher <n4fs@...>
To: AWAGroup@yahoogroups.com
Sent: Thursday, February 27, 2014 8:22 PM
Subject: [AWA Group] W0FD -

Please welcome Mike, W0FD to our group. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

9304. eBay Alert See 'n Sigh

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-03 18:01:14 UTC
From: Louis Vermond
Topic: 9304 Message: 9304

http://www.ebay.co.uk/itm/high-quality-vintage-variable-capacitor-from-1920s-solid-brass-/161232806251?pt=UK_Collectables_RadioTelevision_Telephony_SM&hash=item258a39616b#ht_186wt_1269

9305. 1937: never used German TRIUMPH bike, stored away for 77 years - Mint Condition

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-05 11:03:44 UTC
From: Louis Vermond
Topic: 9305 Message: 9305

1937: never used German TRIUMPH bike, stored away for 77 years - Mint Condition

http://www.ebay.com/itm/1937-never-used-German-TRIUMPH-bike-stored-away-for-77-years-Mint-Condition-/251452927435?pt=LH_DefaultDomain_0&hash=item3a8bc32dcb#ht_17757wt_1120

9306. eBay Alert In passing.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-05 21:28:58 UTC
From: Louis Vermond
Topic: 9306 Message: 9306

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=371014601912&ssPageName=ADME:B:SS:US:3160

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=371014606551&ssPageName=ADME:B:SS:US:1120#ht_0wt_0

9307. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-07 09:57:10 UTC
From: Louis Vermond
Topic: 130 Message: 9307

Ask about the mounting studs...

National Velvet Venier Dial type B

http://www.ebay.com/itm/National-Velvet-Venier-Dial-type-B-new-ols-stock-in-box-NICE-ham-radio-parts-/261416874024?pt=LH_DefaultDomain_0&hash=item3cdda8f028#ht_21wt_1232

9308. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-07 22:54:04 UTC
From: Roger Kuchera
Topic: 130 Message: 9308

The early B dials used #2-56 (?) hardware but the later ones were drilled through. I have 2 brand new ones that way. Quite often the bosses on the back of the Phenolic were broken.

Roger.

From: Louis Vermond <ldvermond@...>
To: AWAGroup <AWAGroup@yahoogroups.com>
Sent: Friday, March 7, 2014 4:57 AM
Subject: [AWA Group] eBay Alert

Ask about the mounting studs...

National Velvet Venier Dial type B

http://www.ebay.com/itm/National-Velvet-Venier-Dial-type-B-new-ols-stock-in-box-NICE-ham-radio-parts-/261416874024?pt=LH_DefaultDomain_0&hash=item3cdda8f028#ht_21wt_1232

9309. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-08 16:14:27 UTC
From: Louis Vermond
Topic: 130 Message: 9309

The early B dials used #2-56 (?) ...Sounds correct.

...hardware but the later ones were drilled through. New to me.

9310. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-08 17:24:17 UTC
From: Michael A. Bittner
Topic: 130 Message: 9310

I never heard of "drilled through" unless it was a used dial "modified" by a previous owner.

I found the exact size and length studs needed for the Type B dial in a hobby shop catering to radio controlled airplane builders. The studs come in a little plastic packet of three as found along with other plastic packets of nuts, bolts, screws, etc as used in R/C airplanes.

Got them too long ago to remember the store, mfg. name, etc.

Mike, W6MAB

-

----- Original Message -----
From: Louis Vermond
To: AWAGroup@yahoogroups.com
Sent: Saturday, March 08, 2014 8:14 AM
Subject: Re: [AWA Group] eBay Alert

☐

The early B dials used #2-56 (?) ...Sounds correct.

...hardware but the later ones were drilled through. New to me.

9311. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-08 17:28:47 UTC
From: Louis Vermond
Topic: 130 Message: 9311

....studs needed for the Type B dial in a hobby shop catering to radio controlled airplane builders. Thank you, Mike.

9312. Fleming's original British patent

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-08 23:47:48 UTC
From: Louis Vermond
Topic: 9312 Message: 9312

http://www.andycowley.com/valves/old/history/fleming-brit.html

9313. WTT: Command Set XMTR carcass for ???

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-09 16:04:31 UTC
From: Larry Szendrei
Topic: 9313 Message: 9313

I'm looking for the cabinet and covers for a Command Set transmitter, because it is the right size and shape for a planned project.

I don't need any of the internal parts, and as long as the chassis aprons and covers are in reasonable shape without any extra large ugly holes it will serve my purpose. Large ugly extra holes on the front of the XMTR or top of chassis are OK because I will be fabricating new plates that will cover these surfaces. Either the ARC-5 or BC- series of transmitters are OK. The Command Set receivers are too small for this project.

Someone out there must have a well-hacked, beyond-restoration unit in their junque box.

Will trade for parts or tubes of approximate equal value (preferred - I have a well-stocked junquebox), or am willing to pay $10 plus postage for a unit meeting the above description.

Please reply directly (not through the lists).

73,
-Larry/NE1S

9314. Ham Radio articles needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-12 03:06:08 UTC
From: Roger Kuchera
Topic: 9314 Message: 9314

Gentlemen,
     I am trying to run down a couple of articles from the old Ham Radio magazine. Is there anyone who would be willing to copy the 2 articles and email them to me? They would be easiest to handle (for me) in JPG or PDF format.

     In particular, I need the following:

       June 1985 - A Compact IF Sweep Generator
       Jan 1987 - An IF Sweep Generator

Thank You.

CUL, Roger/K1TG

9315. AWAGroup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-17 00:58:54 UTC
From: Louis Vermond
Topic: 9315 Message: 9315
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

9316. Re: [AWA Group] AWAGroup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-17 15:17:40 UTC
From: Doug Forbes
Topic: 9315 Message: 9316
Attachments: 1 described; binary payloads are missing from this source WARC

I'm sure it's been suggested before but.....

I was wondering about a daily/weekly sked for the AWA group so that we wouldn't have to wait for the few contests to put these fabulous rigs on the air. Perhaps between 7.100 and 7.110 as in the BK.

Doug Forbes WA6VYN

On 3/16/2014 4:58 PM, Louis Vermond wrote:
>
>
> Sleeping smiley face animated emoticon
>
>
>

9317. Re: [AWA Group] AWAGroup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-17 14:53:23 UTC
From: Larry Szendrei
Topic: 9315 Message: 9317
Attachments: 1 described; binary payloads are missing from this source WARC

ZZZzzzzz....

On 3/16/14 8:58 PM, Louis Vermond wrote:
>
> Sleeping smiley face animated emoticon
>

9318. filament transformer

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-17 18:18:21 UTC
From: Louis Vermond
Topic: 9318 Message: 9318

Hello,

I wish to read the mutiable secondary voltage taps of a filament transformer. Would 117VAC on the primary be appropriate? If not, what please?

Thank you, Lou

9319. Re: [AWA Group] AWAGroup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-17 18:46:16 UTC
From: Louis Vermond
Topic: 9315 Message: 9319

I was wondering about a daily/weekly sked for the AWA group so that we wouldn't have to wait for the few contests to put these fabulous rigs on the air. Perhaps between 7.100 and 7.110 as in the BK.

Hi Doug,

Great idea, but maybe not daily. Suggest that you name a SKED and see who shows up. If at all possible I would be on hand.

73, Lou

Oh yes, no power restrictions!

9320. Re: [AWA Group] AWAGroup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-17 20:08:50 UTC
From: Ron Barlow
Topic: 9315 Message: 9320

Great idea! However, I agree with Lou, regarding the assertion that "daily" may be too often.
73 de Ron n4gjv

On Mon, 3/17/14, Louis Vermond <ldvermond@sympatico.ca> wrote:

Subject: Re: [AWA Group] AWAGroup
To: AWAGroup@yahoogroups.com
Date: Monday, March 17, 2014, 11:46 AM

I was wondering
about a daily/weekly sked for the AWA group so that
we wouldn't have to
wait for the few contests to put these fabulous rigs on the
air. Perhaps between
7.100 and 7.110 as in the BK.

Hi
Doug,

Great idea, but
maybe not
daily. Suggest that you name a SKED and see who shows
up. If at all
possible I would be on hand.

73, Lou

Oh yes, no power
restrictions!

9321. QSL Card collectors Group

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-18 21:05:16 UTC
From: Louis Vermond
Topic: 9321 Message: 9321

https://uk.groups.yahoo.com/neo/groups/qslcardcollectors/info

9322. de K1TG - RME-69 Xtal filter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-19 13:11:55 UTC
From: Roger Kuchera
Topic: 9322 Message: 9322
Attachments: 1 described; binary payloads are missing from this source WARC

Gentlemen,

I own an RME-69 (#988) made during 1936. I recovered the final test tag from the bottom of my RX, so I know the exact date of manufacture and test. I've done a partial restoration of it. I became concerned with working of the Xtal filter in my unit. Apparently, RME made a change to the circuit in early 1938. Trying to run down exactly what it was has proved to be elusive. The Series mode doesn't seem to work very well.

Using some rather seedy copies of the RME-69 schematic, I think I've deduced what the change of 2/1/38 to the Xtal Filter entailed. They didn't use the Off-Series-Parallel modes in the early models just On-Off. A mechanical stop on the Phasing control shorted the xtal out in the Off mode. Not only did they change the circuit but they changed the crystal itself. Earlier models used a Bliley BC3 type holder, a horizontal type with a small machine screw in the top. This was referred to as a "shipping" screw, to be loosened by the new owner. The later models used a Bliley CF-1 type holder, a vertical type with ceramic holder. Both are marked with the nominal IF frequency of 465 Kcs.

I have attached a JPEG of what I think the modified circuit looked like. If anyone has any additional information; Please let me know.

CUL, Roger/K1TG

9323. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-19 15:08:21 UTC
From: Louis Vermond
Topic: 130 Message: 9323
Attachments: 1 described; binary payloads are missing from this source WARC

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=231182278531&ssPageName=ADME:B:FSEL:US:1123

Wonderful, but something amiss tho...

9324. Nuts to me...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-19 18:48:54 UTC
From: Louis Vermond
Topic: 9324 Message: 9324
Attachments: 1 described; binary payloads are missing from this source WARC

This Na-Ald socket has a missing thumb nut. Does anyone have an extra layign about? For my collection, not eBay sales...

73 & tks, Lou

9325. Re: [AWA Group] filament transformer..

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-19 19:41:49 UTC
From: Poli, Louis (US SSA)
Topic: 9318 Message: 9325

Lou;
Your transformer is a separate item?
And doesn't belong to any equipment?

Regards, Louis P. N3OL

From: Louis Vermond [mailto:ldvermond@sympatico.ca]
Sent: Monday, March 17, 2014 02:18 PM
To: AWAGroup <AWAGroup@yahoogroups.com>
Subject: [AWA Group] filament transformer

Hello,

I wish to read the mutiable secondary voltage taps of a filament transformer. Would 117VAC on the primary be appropriate? If not, what please?

Thank you, Lou

9326. Re: [AWA Group] filament transformer..

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-19 21:05:50 UTC
From: Louis Vermond
Topic: 9318 Message: 9326
Attachments: 1 described; binary payloads are missing from this source WARC

Lou;
Your transformer is a separate item?
And doesn't belong to any equipment?

Regards, Louis P. N3OL

Hi Louis,

Separate. Thank you, but I went ahead and measured the windings at 117V. All seem appropriate.

73, Lou

9327. de K1TG - Correction to my posting

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-19 21:27:52 UTC
From: Roger Kuchera
Topic: 9327 Message: 9327

Gentlemen,

My apologies for the previous email dealing with the RME-69 Xtal filter. The wording is incorrect.

Previous to 2/1/38 the circuit used a 3 position rotary switch giving the following: Off-Series-Parallel. After that date they not only changed the xtal but there was only 2 positions: Off-On. The Phasing control was more or less the same.

The latest QST tries to explain the inner workings of a Phasing control.

CUL, Roger/K1TG

9328. RE: [AWA Group] filament transformer..good measurements

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-20 17:05:59 UTC
From: Poli, Louis (US SSA)
Topic: 9328 Message: 9328
Attachments: 1 described; binary payloads are missing from this source WARC

Lou;
Very good.
Let me recommend this too.

Every time I go to a ham fest, I end up collecting some kind of transformer.
When I get it home, I catalog it for completeness, so I can pull it for some project in the future.
Chances are it was built to run at 110, 115, 117, or 120 VAC.
Now my mains at the house measure at a typical 122 VAC. It fluctuates from 120 to 123, which is very good of course, and also gives me 246 VAC across the legs.
Now this is all good news, unless you wish to operate a tube filament, and are a purist.

Now, what is the bother?
Here is the additional consideration.
When anything is measured as open circuit, without a load on it, the voltage tends to be higher by some amount.

So what is the 6.3 vac filament winding really going to put out under load?
There is not much difference designating between 115 and 117 vac as an input voltage to the transformer when you want to know which input will give you 6.3 vac under true tube load, if you haven't loaded it yet. Most tubes need to light at their designated filament voltage and +/- 5%.

Further confusing the situation, is that the resistance of the filament is lower when it is cold; and comes up to the proper resistance, and self-current limiting, when it is hot several seconds later.
High power transmitter tubes (figure, kind of, 50 watts output and above) are often designated as to be religiously held within their designated margin or risk reduction of life.

This is what I do to nicely catalog a transformer:

1. Connect the transformer to a variac. Any size will do.

2. Measure the secondary's, but the filament secondary's are the most important ones to measure.

3. Measure the secondary windings at 90, 100, 105, 110, 115, 117, 120 122, and 125 VAC from the variac. The low and high ends are to simply show the limits of useful filament voltage and the trends.

4. Now put a load on the secondary. Resistors of 5, 6, or 12 ohms are convenient.

Make them at least a watt.

But the power they can handle isn't too important, if you just measure the loaded output for a few seconds. You can be in and out in less than 2 seconds.

You wish to draw about one amp.

This is equivalent to running about two miniature tubes in parallel.

Do one winding at a time for convenience.

For that matter, place a 5U4, 5Y3, etc. rectifier across the 5 volt winding; any two 6.3 volt miniatures, octals, etc, across the 6.3 v winding; and any 12.6 volt tube across the 12.6 volt winding. Then you can leave it on during your measurements. Don’t worry about the turn on shock for any of this.

5. Now repeat the variac measurements, and you will know everything you typically need to, about the transformer.

Log the sheet of your measurements in a folder, label the transformer with the same number as the log sheet, and you are done.
I have a folder of log sheets, titled as T-xxx, and presently have transformers from T-1 to T-55, on the shelf. I have more to go, as I want to clear the bench table finally.

Now my brother collects Lionel trains, and now that he is retired, he has taken a large section of the basement and is building a huge layout of several hundred square feet in area.
He needs a sub-station that can supply the lighting and miscellaneous power needs of the layout.

This is other than the heavy Lionel transformers that run the number of powerful replicas of Steam, and Diesel Rectifier locomotives.
The AC power mains for supplying those are a separate story.

I live near Allentown.
Several years ago at the packrat ham fest at the 4H grange near Wrightstown in PA; I was looking over an old huge transformer on the ground.

The seller begged me to take it for 8 dollars; otherwise he would have to bring it back home. It is about 70 pounds, and the secondary windings are rated at around 30 vac at 55 amps; and it has taps.
I need about 18 vac for the railroad power grid; and with a large variac, I can set it anywhere for over 1 .6 kilowatts.

I hope the above is helpful to all wishing to use parts like this.

Regards,
Louis N3OL

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Wednesday, March 19, 2014 5:06 PM
To: AWAGroup
Subject: Re: [AWA Group] filament transformer..

☐
Lou;
Your transformer is a separate item?
And doesn't belong to any equipment?

Regards, Louis P. N3OL

Hi Louis,

Separate. Thank you, but I went ahead and measured the windings at 117V. All seem appropriate.

73, Lou

[cid:image001.jpg@01CF442B.E7EBB360]

9329. Fwd: [Glowbugs] Ham station, 1923

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-21 11:59:21 UTC
From: Larry Szendrei
Topic: 9329 Message: 9329

Forwarded from the Glowbugs list:
****

Click on the image for a super-size
http://www.shorpy.com/node/17170j
73,
Mike, KK6GM

9330. Re: [AWA Group] Fwd: [Glowbugs] Ham station, 1923

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-21 12:26:30 UTC
From: Louis Vermond
Topic: 9329 Message: 9330
Attachments: 1 described; binary payloads are missing from this source WARC

Wireless

9331. Ham station, 1923

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-21 12:32:50 UTC
From: Paul Christensen
Topic: 9331 Message: 9331

That’s a great photo. Any info on the operator?
Paul, W9AC

9332. Re: [AWA Group] Ham station, 1923

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-21 12:59:42 UTC
From: Louis Vermond
Topic: 9331 Message: 9332

That’s a great photo. Any info on the operator?

Paul, W9AC

Herbert Hoover Jr.

Room suggests a college station.

9333. Providing 110 volts for older transformers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-21 17:32:54 UTC
From: JAMES HANLON
Topic: 9333 Message: 9333

I've been following the "filament transformer" discussions here, and I have a suggestion for folks who are concerned about putting too much voltage on the filaments of their boatanchor tubes because of the increase in line voltage from 110 volts in the 1930s to 120 or more volts today. My motivation for this is a National NTX-30 transmitter, vintage 1938, which was supplying its six 6L6s with almost 6.9 volts rather than the rated 6.3 volts.

In my collection of filament transformers, I happened to have one with a secondary rated at 10 volts and many amps. I powered the primary from the 120 volt line and connected the secondary in series, opposing with the power line going to the NTX-30. Voila, my input voltage to the NTX became 120 minus 10 or 110 volts and the 6L6 filaments were running at 6.3 volts again.

It was a good use for an idle transformer, I didn't have to dedicate a Variac to the task, and the 6L6s will probably last a bit longer. A triple win!

Jim, W8KGI

9334. Re: [AWA Group] Providing 110 volts for older transformers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-21 18:24:29 UTC
From: Leonard Meek
Topic: 9333 Message: 9334

Grainger, and others, sell "buck-boost" transformers just for this purpose. We used them to run 208V equipment on 230V and 230V equipment on 208V. Works fine, last a long time.
----- Original Message -----
From: JAMES HANLON
To: AWA Group
Sent: Friday, March 21, 2014 7:32 AM
Subject: [AWA Group] Providing 110 volts for older transformers

I've been following the "filament transformer" discussions here, and I have a suggestion for folks who are concerned about putting too much voltage on the filaments of their boatanchor tubes because of the increase in line voltage from 110 volts in the 1930s to 120 or more volts today. My motivation for this is a National NTX-30 transmitter, vintage 1938, which was supplying its six 6L6s with almost 6.9 volts rather than the rated 6.3 volts.

In my collection of filament transformers, I happened to have one with a secondary rated at 10 volts and many amps. I powered the primary from the 120 volt line and connected the secondary in series, opposing with the power line going to the NTX-30. Voila, my input voltage to the NTX became 120 minus 10 or 110 volts and the 6L6 filaments were running at 6.3 volts again.

It was a good use for an idle transformer, I didn't have to dedicate a Variac to the task, and the 6L6s will probably last a bit longer. A triple win!

Jim, W8KGI

9335. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-21 21:59:42 UTC
From: Louis Vermond
Topic: 130 Message: 9335

Vintage Weston Panel Meter Model 507 0-100 MilliampsVintage Weston Panel Meter Model 507 0-100 Milliamps

http://www.ebay.com/itm/Vintage-Weston-Panel-Meter-Model-507-0-100-Milliamps-/141033310879?pt=LH_DefaultDomain_0&hash=item20d63d8a9f#ht_55wt_1232

9336. Lou Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-22 15:54:45 UTC
From: Louis Vermond
Topic: 9336 Message: 9336

Anyone need 807s? Very good price....

9337. Re: [AWA Group] Lou Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-22 16:22:43 UTC
From: Regen
Topic: 9336 Message: 9337

GA Lou,

Where are these tubes?

> On Mar 22, 2014, at 11:54, Louis Vermond <ldvermond@...> wrote:
>
> Anyone need 807s? Very good price....
>

9338. RE: [AWA Group] Lou Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-22 16:33:41 UTC
From: Mike Wells
Topic: 9336 Message: 9338

Lou,

I could use a few 807's. I have several rigs that run them but no spares at this time.

Thanks

Mike W0FD

w0fd@...

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Saturday, March 22, 2014 9:55 AM
To: AWAGroup
Subject: [AWA Group] Lou Alert

Anyone need 807s? Very good price....

9339. Re: [AWA Group] Lou Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-22 16:57:17 UTC
From: Louis Vermond
Topic: 9336 Message: 9339

In my basement... Fresh off the tester.

----- Original Message -----
From: Regen
To: AWAGroup@yahoogroups.com
Sent: 2014-03-22 12:22 PM
Subject: Re: [AWA Group] Lou Alert

GA Lou,

Where are these tubes?

On Mar 22, 2014, at 11:54, Louis Vermond <ldvermond@...> wrote:

Anyone need 807s? Very good price....

9340. Re: [AWA Group] Lou Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-22 16:58:32 UTC
From: Roger Kuchera
Topic: 9336 Message: 9340

If they are cold......put me down for one or two or......

Roger.

From: Louis Vermond <ldvermond@...>
To: AWAGroup@yahoogroups.com
Sent: Saturday, March 22, 2014 12:57 PM
Subject: Re: [AWA Group] Lou Alert

□

In my basement... Fresh off the tester.

----- Original Message -----
>From: Regen
>To: AWAGroup@yahoogroups.com
>Sent: 2014-03-22 12:22 PM
>Subject: Re: [AWA Group] Lou Alert
>
>
>GA Lou,
>
>
>Where are these tubes?
>
>On Mar 22, 2014, at 11:54, Louis Vermond <ldvermond@...> wrote:
>
>
>
>>Anyone need 807s? Very good price....
>
>
>

9341. Re: [AWA Group] Lou Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-22 17:02:55 UTC
From: Louis Vermond
Topic: 9336 Message: 9341

Hi Mike,

Will two do? Want to spread them around if there is a need. Cost will be postage. OK? Lou

----- Original Message -----
From: Mike Wells
To: AWAGroup@yahoogroups.com
Sent: 2014-03-22 12:33 PM
Subject: RE: [AWA Group] Lou Alert

Lou,

I could use a few 807's. I have several rigs that run them but no spares at this time.

Thanks

Mike W0FD

w0fd@...

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Saturday, March 22, 2014 9:55 AM
To: AWAGroup
Subject: [AWA Group] Lou Alert

Anyone need 807s? Very good price....

9342. Lou Alert & Roger

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-22 17:14:28 UTC
From: Louis Vermond
Topic: 9342 Message: 9342

If they are cold......put me down for one or two or..... Roger.

Two it is, Roger.

I'll be sending off the 807s this Tuesday. Will notify recipients of the mailing costs that night.

Lou, CEO/Shipper
Midnight Tube Sales

9343. RE: [AWA Group] Lou Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-22 17:24:33 UTC
From: Mike Wells
Topic: 9336 Message: 9343

Thanks Lou, yes a couple spares would be great.

Mike W0FD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Saturday, March 22, 2014 11:03 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Lou Alert

Hi Mike,

Will two do? Want to spread them around if there is a need. Cost will be postage. OK? Lou

----- Original Message -----

From: Mike Wells <mailto:w0fd@...>

To: AWAGroup@yahoogroups.com

Sent: 2014-03-22 12:33 PM

Subject: RE: [AWA Group] Lou Alert

Lou,

I could use a few 807's. I have several rigs that run them but no spares at this time.

Thanks

Mike W0FD

w0fd@...

From: <mailto:AWAGroup@yahoogroups.com> AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Saturday, March 22, 2014 9:55 AM
To: AWAGroup
Subject: [AWA Group] Lou Alert

Anyone need 807s? Very good price....

9344. Lou Alert 807s & Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-22 18:09:49 UTC
From: Louis Vermond
Topic: 9344 Message: 9344

Thanks Lou, yes a couple spares would be great. Mike W0FD

OK Mike, ur on the list.

Anyone else?

9345. Re: [AWA Group] Lou Alert & Roger

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-22 21:02:44 UTC
From: Roger Kuchera
Topic: 9342 Message: 9345

I was joshing with you Lou! Back in the day an "807" was synonymous with
a "beer."

Roger.

_____
From: Louis Vermond <ldvermond@...>
To: AWAGroup@yahoogroups.com
Sent: Saturday, March 22, 2014 1:14 PM
Subject: [AWA Group] Lou Alert & Roger

□

If they are cold......put me down for one or two or......
Roger.

Two it is, Roger.

I'll be sending off the 807s
this Tuesday. Will notify recipients of the mailing costs that night.

Lou, CEO/Shipper
Midnight Tube
Sales

9346. Re: [AWA Group] Lou Alert & Roger

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-22 21:11:41 UTC
From: Louis Vermond
Topic: 9342 Message: 9346

I was joshing with you Lou! I know...

Back in the day an "807" was synonymous with a "beer." Still is here, OM...

9347. 807s & Roger

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-22 22:29:13 UTC
From: Louis Vermond
Topic: 9347 Message: 9347

I couldn't take any of that swill the Canooks call beer at any rate! :) :) Roger.

This means WAR!!!

9348. 0V0 Regens

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-22 23:21:11 UTC
From: Leonard Meek
Topic: 9348 Message: 9348
Attachments: 5 described; binary payloads are missing from this source WARC

Ernie, See if you can open any of these files. They might be what you're looking for.

Leonard

9349. Re: [AWA Group] 807s & Roger

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-23 02:13:49 UTC
From: Roger Kuchera
Topic: 9347 Message: 9349

I better join the Finians then. When I was in Argentia (NF), many years ago,
I recall that it tasted like paint stripper. The Huns make the best beer.

R.

_____
From: Louis Vermond <ldvermond@sympatico.ca>
To: AWAGroup <AWAGroup@yahoogroups.com>
Sent: Saturday, March 22, 2014 6:29 PM
Subject: [AWA Group] 807s & Roger

I couldn't take any of that swill
the Canooks call beer at any rate! :) :) Roger.

This means
WAR!!!

9350. Re: [AWA Group] 807s & Roger

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-23 02:35:20 UTC
From: Louis Vermond
Topic: 9347 Message: 9350

I better join the Finians then. Got wooped...

When I was in Argentia (NF), many years ago, I recall that it tasted like paint stripper. At least it tasted..

9351. Fwd: [Glowbugs] Re: Ham station, 1923: more

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-23 17:30:15 UTC
From: Larry Szendrei
Topic: 9351 Message: 9351

Another more detailed photo of the Herbert Hoover Jr. station, this time
without the op.

Again, forwarded from Glowbugs.

73,
-Larry/NE1S
****
They've posted another picture of the station with more details:

http://www.shorpy.com/node/17172

HV everywhere!
Anybody know what the 4 tubes might be?

73,
Mike, KK6GM

9352. RE: [AWA Group] Fwd: [Glowbugs] Re: Ham station, 1923: more

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-23 18:06:19 UTC
From: Mike Feher
Topic: 9351 Message: 9352

Wow, that is really detailed. The quality is outstanding and the resolution is amazing. This is a much better photo of the equipment than the one with HH Jr. at the table. Thanks Larry – 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Larry Szendrei
Sent: Sunday, March 23, 2014 1:30 PM
To: AWAGroup@...m
Subject: [AWA Group] Fwd: [Glowbugs] Re: Ham station, 1923: more

Another more detailed photo of the Herbert Hoover Jr. station, this time without the op.

Again, forwarded from Glowbugs.

73,
-Larry/NE1S
****
They've posted another picture of the station with more details:

http://www.shorpy.com/node/17172

HV everywhere!
Anybody know what the 4 tubes might be?

73,
Mike, KK6GM

9353. Re: [AWA Group] Fwd: [Glowbugs] Re: Ham station, 1923: more

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-23 19:37:40 UTC
From: Louis Vermond
Topic: 9351 Message: 9353
Attachments: 1 described; binary payloads are missing from this source WARC

Yes, thank you, Larry!

73, Lou

HV everywhere! Anybody know what the 4 tubes might be?

9354. RE: 1923 Station

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-23 21:06:40 UTC
From: Roger Kuchera
Topic: 9354 Message: 9354

Whatever the bottles might be, I'm guessing a triode, they appear to lashed together in parallel. It also appears they are using the old OT pancake for aerial coupling (?).

CUL, Roger/K1TG

9355. Our "Own" Mike, WU2D

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-23 21:39:58 UTC
From: Louis Vermond
Topic: 9355 Message: 9355

https://www.youtube.com/watch?v=LX3efPIAWHU

9356. Collins First 10 Years

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-23 22:19:17 UTC
From: Louis Vermond
Topic: 9356 Message: 9356

https://www.youtube.com/watch?v=j1DH85e0AL0

9357. Re: [AWA Group] Our "Own" Mike, WU2D

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-23 22:27:54 UTC
From: Steve
Topic: 9355 Message: 9357

https://www.youtube.com/watch?v=LX3efPIAWHU

Thanks Lou and Mike! I just love Mike's videos as they all combine his great construction talents along with a wonderful ability to explain things so precisely.

Mike's TNT video, along with Neil's (W0VLZ) were the two motivators that got me hooked on '29 activity.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

9358. Re: Fw: [AWA Group] Fwd: [Glowbugs] Re: Ham station, 1923: more

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-24 21:34:38 UTC
From: Larry Szendrei
Topic: 9358 Message: 9358

On 3/23/14 3:46 PM, Louis Vermond wrote:
> Larry, I've never really looked thu the Glowbugs site. Pse lead me to
> the most OT interesting portion.
> Tks, Lou
Hi Lou,

There *is* a web page, http://www.w7ekb.com/glowbugs/, (W7EKB used to be list manager), but what I was refering to is the Glowbugs Email list, or reflector, similar to our own AWAGroup@yahoogroups.com. I thought I had seen you join as a member of the Glowbugs list a year or so (perhaps longer) ago? The list topic is pretty much homebrew tube-type ham transmitters and receivers, but sometimes drifts to related (and unrelated) topics. It's a pretty busy list.

Anyway, here's some more info on the Email list:
http://www.af4k.com/glowbugs.htm

73,
-Larry/NE1S

9359. [Glowbugs] & 807s

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-25 14:19:46 UTC
From: Louis Vermond
Topic: 9359 Message: 9359
Attachments: 1 described; binary payloads are missing from this source WARC

The list topic is pretty much homebrew tube-type ham transmitters and receivers, but sometimes drifts to related (and unrelated) topics. It's a pretty busy list. Larry

Glowbug Radio YahooGroup here: https://groups.yahoo.com/neo/groups/glowbugradio/info

73, Lou

Last call for a pair of good 807s for postage.

9360. IDing an X250 Tube and Testing on TV-2

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-25 16:22:12 UTC
From: Don Buska - The Radio Lab Works
Topic: 9360 Message: 9360
Attachments: 1 described; binary payloads are missing from this source WARC

Hey all,

I have an X-250 tube I'm trying to identify. The only labeling is an engraved base with the following
- X - 250 -

The X is a bit strange in that it looks like this \/
/\

It's like a large V with an inverted large V below it and a space between them. The dash after the 250 actually looks more like a mathematical division symbol as it has a dot above and below the dash. You can make out the engraved X in the picture below.

Does anyone recognize the manufacturer of this tube?

Next, my TV-2U Tube Tester doesn't have the 250, X250 nor 50 tube in it's charts. Does anyone know the settings for this tube on the TV-2 tester?

Thanks,
Don N9OO

--

9361. RE: [AWA Group] IDing an X250 Tube and Testing on TV-2 [1 Attachment]... the pdf

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-25 16:40:58 UTC
From: Poli, Louis (US SSA)
Topic: 9361 Message: 9361
Attachments: 1 described; binary payloads are missing from this source WARC

Don;
This should do it.

Evidently the vendor is "Hygrade", of 1929.
They merged with Sylvania in the late 1940's

Try the Sylvania transmitter manuals post 1948.

Regards,
Louis N3OL

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Don Buska - The Radio Lab Works
Sent: Tuesday, March 25, 2014 12:22 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] IDing an X250 Tube and Testing on TV-2 [1 Attachment]

Hey all,

I have an X-250 tube I'm trying to identify. The only labeling is an engraved base with the following
- X - 250 -

The X is a bit strange in that it looks like this \/
/\

It's like a large V with an inverted large V below it and a space between them. The dash after the 250 actually looks more like a mathematical division symbol as it has a dot above and below the dash.
You can make out the engraved X in the picture below.

Does anyone recognize the manufacturer of this tube?

Next, my TV-2U Tube Tester doesn't have the 250, X250 nor 50 tube in it's charts. Does anyone know the settings for this tube on the TV-2 tester?

Thanks,
Don N9OO

[cid:image001.jpg@01CF4827.7861E640]
--

9362. Re: [AWA Group] IDing an X250 Tube and Testing on TV-2 [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-25 17:12:16 UTC
From: Leonard Meek
Topic: 9362 Message: 9362
Attachments: 1 described; binary payloads are missing from this source WARC

Ake Holm's tube reference, "TubeData" shows the 250 (and 50) as a triode with a 4 pin base, but the diagram he shows is for a 5 pin full wave rectifier. TubeData is and excelent reference, but I have found some errors in it. I was able to correct the diagrams for acorn tubes but not the text.
----- Original Message -----
From: Don Buska - The Radio Lab Works
To: AWAGroup@yahoogroups.com
Sent: Tuesday, March 25, 2014 6:22 AM
Subject: [AWA Group] IDing an X250 Tube and Testing on TV-2 [1 Attachment]

Hey all,

I have an X-250 tube I'm trying to identify. The only labeling is an engraved base with the following
- X - 250 -

The X is a bit strange in that it looks like this \/
/\

It's like a large V with an inverted large V below it and a space between them. The dash after the 250 actually looks more like a mathematical division symbol as it has a dot above and below the dash.
You can make out the engraved X in the picture below.

Does anyone recognize the manufacturer of this tube?

Next, my TV-2U Tube Tester doesn't have the 250, X250 nor 50 tube in it's charts. Does anyone know the settings for this tube on the TV-2 tester?

Thanks,
Don N9OO

--

9363. Re: [AWA Group] IDing an X250 Tube and Testing on TV-2

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-26 14:39:58 UTC
From: Don Buska - The Radio Lab Works
Topic: 9360 Message: 9363

Thanks for the data on the X-250 Louis. I wish they had better pictures to verify the engraving was the same. I will search through my magazine archives for the 1929 time frame to see if I can find any Hygrade ads which might have pictures of their tubes so I can verify the engraving style.

I also see that a tube sold on eBay from the Magnatron company. That one had the "Magnatron" name on a sticker, but not on the engraving either. However, from their ad pictures I can't see the engraving well enough.

Thanks again,

Don N9OO

On 3/25/2014 11:40 AM, Poli, Louis (US SSA) wrote:
>
> Don;
>
> This should do it.
>
> Evidently the vendor is "Hygrade", of 1929.
>
> They merged with Sylvania in the late 1940's
>
> Try the Sylvania transmitter manuals post 1948.
>
> Regards,
>
> Louis N3OL
>

9364. Re: [AWA Group] IDing an X250 Tube and Testing on TV-2

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-26 14:45:48 UTC
From: Don Buska - The Radio Lab Works
Topic: 9362 Message: 9364

Thanks for the help on the search. I thought I had a setting chart for my TV-2 for the really vintage tubes, but when I checked my manual folder there was no such beast on file. Strange a Google search wasn't much help either. I guess I need to revise my search a little as I recall some really extensive websites out there for all the various military tube testers. I'm sure someone has such a chart. I do know the filament lights on this Globe 50, but I don't recall if I ever checked the gm.

Thanks again
Don N9OO

On 3/25/2014 12:12 PM, Leonard Meek wrote:
>
> Ake Holm's tube reference, "TubeData" shows the 250 (and 50) as a
> triode with a 4 pin base, but the diagram he shows is for a 5 pin full
> wave rectifier. TubeData is and excelent reference, but I have found
> some errors in it. I was able to correct the diagrams for acorn tubes
> but not the text.
>

9365. Testing a X-250 on the TV-2 FOUND IT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-26 15:02:33 UTC
From: Don Buska - The Radio Lab Works
Topic: 9360 Message: 9365

I knew it was out there in internet-land. After several additional
Google searches I found the information.

An Excel spreadsheet that provides to setting data for the "50" tube,
among others not in the TV-2 manual. If anyone needs this here is the URL.

www.antiqueairwaves.com/nlee/files/tv-2_104.xls?

73
Don N9OO

9366. RE: [AWA Group] Testing a X-250 on the TV-2 FOUND IT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-26 15:06:31 UTC
From: Mike Feher
Topic: 9360 Message: 9366

Don –

That would be handy data, but, the link you provided does not work. 73 –
Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf
Of Don Buska - The Radio Lab Works
Sent: Wednesday, March 26, 2014 11:03 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Testing a X-250 on the TV-2 FOUND IT

I knew it was out there in internet-land. After several additional Google
searches I found the information.

An Excel spreadsheet that provides to setting data for the "50" tube, among
others not in the TV-2 manual. If anyone needs this here is the URL.

www.antiqueairwaves.com/nlee/files/tv-2_104.xls☐

73
Don N9OO

9367. Re: [AWA Group] Testing a X-250 on the TV-2 FOUND IT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-26 15:10:29 UTC
From: N1BUG
Topic: 9360 Message: 9367

Some "garbage" characters seems to have got embedded in the link.
Try this one:

http://www.antiqueairwaves.com/nlee/files/tv-2_104.xls

Paul

On 03/26/2014 11:06 AM, Mike Feher wrote:
>
>
> Don ?
>
> That would be handy data, but, the link you provided does not
> work. 73 ? Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> *On Behalf Of *Don Buska - The Radio Lab Works
> *Sent:* Wednesday, March 26, 2014 11:03 AM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* [AWA Group] Testing a X-250 on the TV-2 FOUND IT
>
> I knew it was out there in internet-land. After several
> additional Google searches I found the information.
>
> An Excel spreadsheet that provides to setting data for the "50"
> tube, among others not in the TV-2 manual. If anyone needs this
> here is the URL.
>
> www.antiqueairwaves.com/nlee/files/tv-2_104.xls?
> <http://www.antiqueairwaves.com/nlee/files/tv-2_104.xls%FD>
>
> 73
> Don N9OO
>
>
>
>

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

9368. RE: [AWA Group] Testing a X-250 on the TV-2 FOUND IT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-26 15:28:07 UTC
From: Mike Feher
Topic: 9360 Message: 9368

Thanks Paul. I am sure this will come in handy for my TV-2. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of N1BUG
Sent: Wednesday, March 26, 2014 11:10 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Testing a X-250 on the TV-2 FOUND IT

Some "garbage" characters seems to have got embedded in the link. Try this one:

http://www.antiqueairwaves.com/nlee/files/tv-2_104.xls

Paul

On 03/26/2014 11:06 AM, Mike Feher wrote:

Don –

That would be handy data, but, the link you provided does not work. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Don Buska - The Radio Lab Works
Sent: Wednesday, March 26, 2014 11:03 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Testing a X-250 on the TV-2 FOUND IT

I knew it was out there in internet-land. After several additional Google searches I found the information.

An Excel spreadsheet that provides to setting data for the "50" tube, among others not in the TV-2 manual. If anyone needs this here is the URL.

www.antiqueairwaves.com/nlee/files/tv-2_104.xls☐
<http://www.antiqueairwaves.com/nlee/files/tv-2_104.xls%FD>

73
Don N9OO

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

9369. Sangamo Capacitor Set for 1920/30s Ham Radio UX-210 TNT Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-26 16:29:06 UTC
From: Louis Vermond
Topic: 9369 Message: 9369

This is driven by 2% greed and 98% wish that these will go to a Builder. 73, o.t.riggs

http://www.ebay.com/itm/331157936043?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649#ht_473wt_1105

9370. Re: [AWA Group] Testing a X-250 on the TV-2 FOUND IT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-26 17:02:39 UTC
From: Leonard Meek
Topic: 9360 Message: 9370

Don, Paul, Do you think this will work on my TV-3 tube tester?

Leonard

----- Original Message -----
From: N1BUG
To: AWAGroup@yahoogroups.com
Sent: Wednesday, March 26, 2014 5:10 AM
Subject: Re: [AWA Group] Testing a X-250 on the TV-2 FOUND IT

Some "garbage" characters seems to have got embedded in the link. Try this one:

http://www.antiqueairwaves.com/nlee/files/tv-2_104.xls

Paul

On 03/26/2014 11:06 AM, Mike Feher wrote:

Don –

That would be handy data, but, the link you provided does not work. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Don Buska - The Radio Lab Works
Sent: Wednesday, March 26, 2014 11:03 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Testing a X-250 on the TV-2 FOUND IT

I knew it was out there in internet-land. After several additional Google searches I found the information.

An Excel spreadsheet that provides to setting data for the "50" tube, among others not in the TV-2 manual. If anyone needs this here is the URL.

www.antiqueairwaves.com/nlee/files/tv-2_104.xls☐

73
Don N9OO

--
Paul Kelley, N1BUG

RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

9371. RE: [AWA Group] Testing a X-250 on the TV-2 FOUND IT...testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-26 17:47:47 UTC
From: Poli, Louis (US SSA)
Topic: 9371 Message: 9371

Len;

If no tube settings listing is available for the tube tester, I can guide you to set up a jig to test it sufficiently for further use.

Louis N3OL

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Leonard Meek
Sent: Wednesday, March 26, 2014 1:03 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Testing a X-250 on the TV-2 FOUND IT

Don, Paul, Do you think this will work on my TV-3 tube tester?

Leonard

----- Original Message -----
From: N1BUG<mailto:paul@...>
To: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
Sent: Wednesday, March 26, 2014 5:10 AM
Subject: Re: [AWA Group] Testing a X-250 on the TV-2 FOUND IT

Some "garbage" characters seems to have got embedded in the link. Try this one:

http://www.antiqueairwaves.com/nlee/files/tv-2_104.xls

Paul

On 03/26/2014 11:06 AM, Mike Feher wrote:
Don -
That would be handy data, but, the link you provided does not work. 73 - Mike
Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

9372. Re: [AWA Group] Testing a X-250 on the TV-2 FOUND IT...testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-26 21:17:34 UTC
From: Leonard Meek
Topic: 9371 Message: 9372

Louis, the only tubes I have that aren't on my roll chart or in the manual are WD-11's and some Western Electric tubes. Since I have no plans to use them for anything, Maybe I shouldn't be testing them. It would have been nice to know there was a setup for testing them though.

Leonard

----- Original Message -----
From: Poli, Louis (US SSA)
To: AWAGroup@yahoogroups.com
Sent: Wednesday, March 26, 2014 7:47 AM
Subject: RE: [AWA Group] Testing a X-250 on the TV-2 FOUND IT...testing

Len;

If no tube settings listing is available for the tube tester, I can guide you to set up a jig to test it sufficiently for further use.

Louis N3OL

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Leonard Meek
Sent: Wednesday, March 26, 2014 1:03 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Testing a X-250 on the TV-2 FOUND IT

Don, Paul, Do you think this will work on my TV-3 tube tester?

Leonard

----- Original Message -----

From: N1BUG

To: AWAGroup@yahoogroups.com

Sent: Wednesday, March 26, 2014 5:10 AM

Subject: Re: [AWA Group] Testing a X-250 on the TV-2 FOUND IT

Some "garbage" characters seems to have got embedded in the link. Try this one:

http://www.antiqueairwaves.com/nlee/files/tv-2_104.xls

Paul

On 03/26/2014 11:06 AM, Mike Feher wrote:

Don -

That would be handy data, but, the link you provided does not work. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

9373. Speaking of tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-26 23:35:02 UTC
From: Louis Vermond
Topic: 9373 Message: 9373

I have a 1616 amp tube. There a lot being offered on the net, but could not find the basic specs. Anyone have those?

Tks, Lou

9374. Re: [AWA Group] Speaking of tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-27 00:09:33 UTC
From: Leonard Meek
Topic: 9373 Message: 9374

I have the data sheet and I tried and I tried to attach it but it won't go. Just go to "Frank's electron Tube Data sheets". It's listed there.

Leonard

----- Original Message -----
From: Louis Vermond
To: AWAGroup
Sent: Wednesday, March 26, 2014 1:35 PM
Subject: [AWA Group] Speaking of tubes

I have a 1616 amp tube. There a lot being offered on the net, but could not find the basic specs. Anyone have those?

Tks, Lou

9375. Re: [AWA Group] Speaking of tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-27 01:23:34 UTC
From: Louis Vermond
Topic: 9373 Message: 9375

Tks Leonard, will do. Lou

----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com
Sent: 2014-03-26 8:09 PM
Subject: Re: [AWA Group] Speaking of tubes

I have the data sheet and I tried and I tried to attach it but it won't go. Just go to "Frank's electron Tube Data sheets". It's listed there.

Leonard

----- Original Message -----
From: Louis Vermond
To: AWAGroup
Sent: Wednesday, March 26, 2014 1:35 PM
Subject: [AWA Group] Speaking of tubes

I have a 1616 amp tube. There a lot being offered on the net, but could not find the basic specs. Anyone have those?

Tks, Lou

9376. Re: [AWA Group] Speaking of tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-27 13:42:53 UTC
From: Larry Szendrei
Topic: 9373 Message: 9376

On 3/26/14 7:35 PM, Louis Vermond wrote:
>
> I have a 1616 amp tube. There a lot being offered on the net, but
> could not find the basic specs. Anyone have those?
> Tks, Lou
> _
Lou,

The 1616 is a high-vacuum half-wave rectifier tube. Do you mean 1619?
(The 1619 is basically a 6L6 with a 2.5V filament/directly heated cathode).

73,
-Larry/NE1S

9377. Re: [AWA Group] Speaking of tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-27 14:49:01 UTC
From: Louis Vermond
Topic: 9373 Message: 9377

I have the data sheet and but it won't go. Just go to "Frank's electron Tube Data sheets". It's listed there. Leonard

The 1616 is a high-vacuum half-wave rectifier tube. Do you mean 1619? (The 1619 is basically a 6L6 with a 2.5V filament/directly heated cathode). Larry/NE1S

Leonard and Larry,

I was not aware of Franks Data... Very useful. Thank you, Leonard.

The 1616 is a high-vacuum half-wave rectifier tube. That is what it is. To me, it looked like an amp tube plus the eBay seller headings use the word, "Amplifier" so I was expecting data on an amplifier tube, not a rectifier.

That's settled.

73, Lou

9378. RE: [AWA Group] Speaking of tubes..the 1616 data

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-27 15:42:16 UTC
From: Poli, Louis (US SSA)
Topic: 9378 Message: 9378
Attachments: 1 described; binary payloads are missing from this source WARC

Lou;
Sometimes, the servers are temperamental.

Here is the pdf for rectifier 1616.
Let see if it gets through.

Louis N3OL

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Wednesday, March 26, 2014 9:24 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Speaking of tubes

Tks Leonard, will do. Lou

----- Original Message -----
From: Leonard Meek<mailto:lemeek@...>
To: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
Sent: 2014-03-26 8:09 PM
Subject: Re: [AWA Group] Speaking of tubes

I have the data sheet and I tried and I tried to attach it but it won't go. Just go to "Frank's electron Tube Data sheets<https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=2&cad=rja&uact=8&ved=0CDQQFjAB&url=http%3A%2F%2Ffrank.pocnet.net%2F&ei=6WszU_bDFMz5oASk2oGwBQ&usg=AFQjCNEoEspu0Ng6mSLuVDpVsG84vAn6KA&bvm=bv.63808443,d.cGU>". It's listed there.

Leonard

----- Original Message -----
From: Louis Vermond<mailto:ldvermond@...>
To: AWAGroup<mailto:AWAGroup@yahoogroups.com>
Sent: Wednesday, March 26, 2014 1:35 PM
Subject: [AWA Group] Speaking of tubes

I have a 1616 amp tube. There a lot being offered on the net, but could not find the basic specs. Anyone have those?

Tks, Lou

9379. Re: [AWA Group] Speaking of tubes..the 1616 data

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-27 15:50:10 UTC
From: Louis Vermond
Topic: 9378 Message: 9379

It did, Louis, thank you. Impressive looking tube. 73, Lou

----- Original Message -----
From: Poli, Louis (US SSA)
To: AWAGroup@yahoogroups.com
Sent: 2014-03-27 11:42 AM
Subject: RE: [AWA Group] Speaking of tubes..the 1616 data

Lou;

Sometimes, the servers are temperamental.

Here is the pdf for rectifier 1616.

Let see if it gets through.

Louis N3OL

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Wednesday, March 26, 2014 9:24 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Speaking of tubes

Tks Leonard, will do. Lou

----- Original Message -----

From: Leonard Meek

To: AWAGroup@yahoogroups.com

Sent: 2014-03-26 8:09 PM

Subject: Re: [AWA Group] Speaking of tubes

I have the data sheet and I tried and I tried to attach it but it won't go. Just go to "Frank's electron Tube Data sheets". It's listed there.

Leonard

----- Original Message -----

From: Louis Vermond

To: AWAGroup

Sent: Wednesday, March 26, 2014 1:35 PM

Subject: [AWA Group] Speaking of tubes

I have a 1616 amp tube. There a lot being offered on the net, but could not find the basic specs. Anyone have those?

Tks, Lou

9380. RE: [AWA Group] Speaking of tubes..the 1616 data.....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-27 16:00:54 UTC
From: Poli, Louis (US SSA)
Topic: 9380 Message: 9380

That was my first thought too; impressive.

The peak power for a very short time, is about 5 kilowatts, and the average power (where it must be operated for the most part), is still impressive at about 500 watts.
So it will easily handle a fairly high power transmitter, since two of them, sharing the power; are almost always used in the power supply.

Louis

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Thursday, March 27, 2014 11:50 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Speaking of tubes..the 1616 data

It did, Louis, thank you. Impressive looking tube. 73, Lou

----- Original Message -----
From: Poli, Louis (US SSA)<mailto:louis.poli@...>
To: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
Sent: 2014-03-27 11:42 AM
Subject: RE: [AWA Group] Speaking of tubes..the 1616 data

Lou;
Sometimes, the servers are temperamental.
Here is the pdf for rectifier 1616.
Let see if it gets through.
Louis N3OL
From: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
[mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Wednesday, March 26, 2014 9:24 PM
To: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
Subject: Re: [AWA Group] Speaking of tubes

Tks Leonard, will do. Lou
----- Original Message -----
From: Leonard Meek<mailto:lemeek@...>
To: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
Sent: 2014-03-26 8:09 PM
Subject: Re: [AWA Group] Speaking of tubes

I have the data sheet and I tried and I tried to attach it but it won't go. Just go to "Frank's electron Tube Data sheets<https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=2&cad=rja&uact=8&ved=0CDQQFjAB&url=http%3A%2F%2Ffrank.pocnet.net%2F&ei=6WszU_bDFMz5oASk2oGwBQ&usg=AFQjCNEoEspu0Ng6mSLuVDpVsG84vAn6KA&bvm=bv.63808443,d.cGU>". It's listed there.
Leonard

----- Original Message -----
From: Louis Vermond<mailto:ldvermond@...>
To: AWAGroup<mailto:AWAGroup@yahoogroups.com>
Sent: Wednesday, March 26, 2014 1:35 PM
Subject: [AWA Group] Speaking of tubes
I have a 1616 amp tube. There a lot being offered on the net, but could not find the basic specs. Anyone have those?
Tks, Lou

9381. RE: [AWA Group] Speaking of tubes..the 1616 data

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-27 16:16:45 UTC
From: Mike Feher
Topic: 9378 Message: 9381

Each of my GP-7 transmitters uses a pair of them. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Thursday, March 27, 2014 11:50 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Speaking of tubes..the 1616 data

It did, Louis, thank you. Impressive looking tube. 73, Lou

----- Original Message -----

From: Poli, Louis (US SSA) <mailto:louis.poli@...>

To: AWAGroup@yahoogroups.com

Sent: 2014-03-27 11:42 AM

Subject: RE: [AWA Group] Speaking of tubes..the 1616 data

Lou;

Sometimes, the servers are temperamental.

Here is the pdf for rectifier 1616.

Let see if it gets through.

Louis N3OL

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Wednesday, March 26, 2014 9:24 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Speaking of tubes

Tks Leonard, will do. Lou

----- Original Message -----

From: Leonard Meek <mailto:lemeek@...>

To: AWAGroup@yahoogroups.com

Sent: 2014-03-26 8:09 PM

Subject: Re: [AWA Group] Speaking of tubes

I have the data sheet and I tried and I tried to attach it but it won't go. Just go to "<https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=2&cad=rja&uact=8&ved=0CDQQFjAB&url=http%3A%2F%2Ffrank.pocnet.net%2F&ei=6WszU_bDFMz5oASk2oGwBQ&usg=AFQjCNEoEspu0Ng6mSLuVDpVsG84vAn6KA&bvm=bv.63808443,d.cGU> Frank's electron Tube Data sheets". It's listed there.

Leonard

----- Original Message -----

From: Louis Vermond <mailto:ldvermond@...>

To: AWAGroup <mailto:AWAGroup@yahoogroups.com>

Sent: Wednesday, March 26, 2014 1:35 PM

Subject: [AWA Group] Speaking of tubes

I have a 1616 amp tube. There a lot being offered on the net, but could not find the basic specs. Anyone have those?

Tks, Lou

9382. the 1616 data..... & Louis

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-27 16:17:02 UTC
From: Louis Vermond
Topic: 9382 Message: 9382

So it will easily handle a fairly high power transmitter, since two of them, sharing the power; are almost always used in the power supply.

Do you want it? You'd be half way there.... Lou

9383. RE: [AWA Group] the 1616 data..... & Louis..Thanks Lou, and a radio show

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-27 17:49:17 UTC
From: Poli, Louis (US SSA)
Topic: 9383 Message: 9383
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Lou;
I appreciate it, and I am tempted to raise my hand; but I already have its big brothers, and related equipment.
I am using type 866 and 872 in the power units.

I am finally at the point, where I have all the stuff I would need for most projects.
Too bad I still have four years to retirement yet, so progress is slow, and the honey-do list never goes away.
My brother as I have mentioned in a prior email, is retired, and is now pursuing his passion of a Lionel O gauge layout.

Now that I think about it, I have a jpg of me with a dozen of the fairly unusual tubes in my collection. All are very neat stuff.
It is part of a slide presentation.

I will round it up at home this weekend and email it.
Look up type 861 high power tetrode, of circa late 1930's. It was used in high power navy shipboard transmitter equipment, around war time.
A huge tube at 18 inches tall; you need both hands to hold it comfortably.

For those who are interested, there is the Delaware Valley Antique Radio show held at Renningers in Kutztown, about 10 miles from Allentown PA.
You will find any tube or equipment you have ever wanted, and at a fraction of the cost we see on the net. I attached the pdf.
Held twice a year, it is just weeks away on 9, 10 May.

Not for wimps, but for people who either build, restore, or want to see and buy beautifully finished sets.
Starting with the spark gap sets, and the oak cabinet regens of the early 1920's.

I bought a beautiful TRF radio in its cherry wood cabinet a few years ago.
Circa 1927, It's the only set that my wife lets me put out as furniture.

I sincerely suggest that everyone will thoroughly enjoy it. There is an auction at noon Saturday, where you can get good stuff even cheaper

Regards,
Louis 73's

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Thursday, March 27, 2014 12:17 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] the 1616 data..... & Louis

So it will easily handle a fairly high power transmitter, since two of them, sharing the power; are almost always used in the power supply.
Do you want it? You'd be half way there.... Lou

9384. RE: [AWA Group] Speaking of tubes..the 1616 data...tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-27 17:55:26 UTC
From: Poli, Louis (US SSA)
Topic: 9384 Message: 9384

Mike;

Nice.
It's good to keep the faith. :)
I have some friends that decided to replace rectifier tubes with solid state devices; often in Collins equipment.
Very uncool.

Louis

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Mike Feher
Sent: Thursday, March 27, 2014 12:17 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Speaking of tubes..the 1616 data

Each of my GP-7 transmitters uses a pair of them. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

From: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
[mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Thursday, March 27, 2014 11:50 AM
To: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
Subject: Re: [AWA Group] Speaking of tubes..the 1616 data

It did, Louis, thank you. Impressive looking tube. 73, Lou

----- Original Message -----
From: Poli, Louis (US SSA)<mailto:louis.poli@...>
To: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
Sent: 2014-03-27 11:42 AM
Subject: RE: [AWA Group] Speaking of tubes..the 1616 data

Lou;
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Louis N3OL
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[mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Wednesday, March 26, 2014 9:24 PM
To: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
Subject: Re: [AWA Group] Speaking of tubes

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From: Leonard Meek<mailto:lemeek@...>
To: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
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Subject: Re: [AWA Group] Speaking of tubes

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Leonard
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From: Louis Vermond<mailto:ldvermond@...>
To: AWAGroup<mailto:AWAGroup@yahoogroups.com>
Sent: Wednesday, March 26, 2014 1:35 PM
Subject: [AWA Group] Speaking of tubes
I have a 1616 amp tube. There a lot being offered on the net, but could not find the basic specs. Anyone have those?
Tks, Lou

9385. RE: [AWA Group] the 1616 data..... & Louis..Thanks Lou, and a radio show [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-27 19:10:52 UTC
From: Mike Feher
Topic: 9385 Message: 9385

I really enjoy the Kutztown meet. I have been going consistently for over 3 years now, twice a year. My youngest son (32) comes along with me to unload the boat anchors from my truck and help me out in general. In May, I will only be bringing my car, the truck is too much work. So, Louis, look for a white 2013 Chrysler 300C, in the overflow building (tables 631 & 633) and a guy with a gray beard and a beer gut, and that will be me.

As far as retirement, I am thinking next year when I hit 70, I'll probably retire. I have been working continuously since I was 13, so, it is time. Although, the Army pays me extremely generously to sit at home and do what I love, and, that will be hard to give up for a fixed income. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Poli, Louis (US SSA)
Sent: Thursday, March 27, 2014 1:49 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] the 1616 data..... & Louis..Thanks Lou, and a radio show [1 Attachment]

Hi Lou;

I appreciate it, and I am tempted to raise my hand; but I already have its big brothers, and related equipment.

I am using type 866 and 872 in the power units.

I am finally at the point, where I have all the stuff I would need for most projects.

Too bad I still have four years to retirement yet, so progress is slow, and the honey-do list never goes away.

My brother as I have mentioned in a prior email, is retired, and is now pursuing his passion of a Lionel O gauge layout.

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It is part of a slide presentation.

I will round it up at home this weekend and email it.

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Held twice a year, it is just weeks away on 9, 10 May.

Not for wimps, but for people who either build, restore, or want to see and buy beautifully finished sets.

Starting with the spark gap sets, and the oak cabinet regens of the early 1920's.

I bought a beautiful TRF radio in its cherry wood cabinet a few years ago.

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I sincerely suggest that everyone will thoroughly enjoy it. There is an auction at noon Saturday, where you can get good stuff even cheaper

Regards,

Louis 73's

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Thursday, March 27, 2014 12:17 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] the 1616 data..... & Louis

So it will easily handle a fairly high power transmitter, since two of them, sharing the power; are almost always used in the power supply.

Do you want it? You'd be half way there.... Lou

9386. Re: [AWA Group] the 1616 data..... & Louis..Thanks Lou, and a radio show

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-27 20:27:57 UTC
From: Louis Vermond
Topic: 9383 Message: 9386

look for ......a guy with a gray beard and a beer gut.... Oh, great help. That describes 2/3s of the guys there!

9387. Re: [AWA Group] the 1616 data..... & Louis..Thanks Lou, and a radio show [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-28 17:45:28 UTC
From: Louis Vermond
Topic: 9385 Message: 9387
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Lou;

I appreciate it, and I am tempted to raise my hand; but I already have its big brothers... Your covered then.

I am finally at the point, where I have all the stuff I would need for most projects. How many projects do you have lined up?

Too bad I still have four years to retirement yet...

Now that I think about it, I have a jpg of me with a dozen of the fairly unusual tubes in my collection. I will round it up at home this weekend and email it. Please do.

For those who are interested, there is the Delaware Valley Antique Radio show held at Renningers in Kutztown, about 10 miles from Allentown PA.

You will find any tube or equipment you have ever wanted... Stuck in St. Marys

73, Lou

9388. eBay Alert HB '60s Rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-29 19:12:19 UTC
From: Louis Vermond
Topic: 9388 Message: 9388

See under chassis wiring....

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=331163656413&ssPageName=ADME:B:SS:US:1123

9389. Re: [AWA Group] eBay Alert HB '60s Rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-29 19:18:26 UTC
From: Eddy Swynar
Topic: 9388 Message: 9389

On 2014-03-29, at 3:12 PM, Louis Vermond wrote:

>
> See under chassis wiring....
>
>
> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=331163656413&ssPageName=ADME:B:SS:US:1123
>
>
>
>

9390. Crystal Filter adjustment procedures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-29 22:25:27 UTC
From: JAMES HANLON
Topic: 9390 Message: 9390

Folks,

I'm involved in a discussion with the Editor and the Senior Assistant Technical Editor of QST and the author about the article published in the April issue of QST, "Crystal Phasing." I've tried the procedure outlined in the article under "Adjusting the Crystal Resonator Filter," and I've not been able to make it work. I've written up an alternate procedure that I believe will work on any receiver of any make that uses a vintage crystal filter.

I need some volunteers to try both procedures. It is entirely possible that I'm mistaken about the QST procedure, and I'd like to know that if I am. I'd also like to know if my procedure works, and I'd appreciate suggestions about how to make it better. It may eventually show up as a Technical Note in QST if the folks there can be convinced that there is a problem with the one that they published.

If you have a receiver with a vintage crystal filter, any make, and you would be willing to spend a little time trying out these two procedures, please let me know. I will respond with an email containing a copy of the QST article and a copy of my proposed procedure. I will report your results, whatever they may be, to the folks at QST.

Thanks very much,

Jim Hanlon, W8KGI

9391. Re: [AWA Group] eBay Alert HB '60s Rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-30 19:15:27 UTC
From: Larry Szendrei
Topic: 9388 Message: 9391

Looks like whoever built that rig did a really nice job.

-Larry/NE1S

On 3/29/14 3:12 PM, Louis Vermond wrote:
>
> See under chassis wiring....
> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=331163656413&ssPageName=ADME:B:SS:US:1123
>

9392. Re: [AWA Group] eBay Alert HB '60s Rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-30 20:33:43 UTC
From: <w0vlz@...>
Topic: 9388 Message: 9392

It is a nice job but wait til UPS/shipping gets done with it. That chassis (with the heavy iron at the rear) is secured only by the front panel. Without proper packing, ie. removing the power transformer, one drop upside down and the chassis will fold up against the front panel.

Niel - W0VLZ

9393. Re: [AWA Group] eBay Alert HB '60s Rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-30 21:14:18 UTC
From: Louis Vermond
Topic: 9388 Message: 9393

Tell the seller, Niel. It would be a pity. Lou

----- Original Message -----
From: w0vlz@...
To: AWAGroup@yahoogroups.com
Sent: 2014-03-30 4:33 PM
Subject: Re: [AWA Group] eBay Alert HB '60s Rig

It is a nice job but wait til UPS/shipping gets done with it. That chassis (with the heavy iron at the rear) is secured only by the front panel. Without proper packing, ie. removing the power transformer, one drop upside down and the chassis will fold up against the front panel.

Niel - W0VLZ

9394. Trouble with a regen project.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 00:16:21 UTC
From: Regen
Topic: 9394 Message: 9394

Hello all,

I am attempting to build a regen based on the twinplex circuit. I can not get anything in the way of a signal. How critical is the construction of the coil? The other problem is if I turn the regen control to minimum it shorts the power supply to ground. Is this a faulty pot? the schematic is in a folder titled KG4KGL

Tnx

Robert
KG4KGL

9395. Re: [AWA Group] Trouble with a regen project....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 01:14:58 UTC
From: Poli, Louis (US SSA)
Topic: 9394 Message: 9395

Robert;

I haven't viewed the circuit yet.
But it is not possible for regens to short out the ps, in normal design.

Check the wiring, especially the coil circuit, and the route from the pot.

Perhaps the schematic has an error.

Regens are the most forgiving of receivers.
Its actually hard to keep them from doing something, as soon as you turn on power.

You didn't say what frequency you are running at, but layout style and quality is not typically of concern.
I don't remember if this circuit uses a second tickler coil, on top of the main coil.
If that coil is reversed, then the circuit won't receive.

If you have the more common tapped coil (Hartley) approach, then there is no tickler, and direction is not an issue.

It is possible that the meshing variable capacitor plates may be bent and touch each other sometimes, but unlikely that this describes what is happening here.

Check the circuit.
There must be no way that the pot ever sees both sides of the ps, in a good circuit.

Louis N3OL

From: Regen [mailto:regen@kg4kgl.net]
Sent: Sunday, March 30, 2014 08:16 PM
To: Regen <regenrx@yahoogroups.com>
Subject: [AWA Group] Trouble with a regen project.

Hello all,

I am attempting to build a regen based on the twinplex circuit. I can not get anything in the way of a signal. How critical is the construction of the coil? The other problem is if I turn the regen control to minimum it shorts the power supply to ground. Is this a faulty pot? the schematic is in a folder titled KG4KGL

Tnx

Robert
KG4KGL

9396. Re: [AWA Group] Trouble with a regen project.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 01:21:53 UTC
From: Larry Szendrei
Topic: 9394 Message: 9396

Hi Robert,

Can you attach the schematic? I can't get into the yahoo folders (don't ask).

To answer your question - yes, it could be a faulty pot, but it would be an unusual fault.

Does the receiver go into oscillation as you advance the regeneration control? You should be able to hear the point where it starts to oscillate in your 'fones - often described as a "plop."

-Larry/NE1S

On 3/30/14 8:16 PM, Regen wrote:
>
> Hello all,
>
> I am attempting to build a regen based on the twinplex circuit. I can
> not get anything in the way of a signal. How critical is the
> construction of the coil? The other problem is if I turn the regen
> control to minimum it shorts the power supply to ground. Is this a
> faulty pot? the schematic is in a folder titled KG4KGL
>
> Tnx
>
> Robert
> KG4KGL
>
>

9397. Re: [AWA Group] Trouble with a regen project....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 01:32:30 UTC
From: Larry Szendrei
Topic: 9394 Message: 9397

On 3/30/14 9:14 PM, Poli, Louis (US SSA) wrote:
>
>
> There must be no way that the pot ever sees both sides of the ps, in a
> good circuit.
>
Hi Louis,

I haven't seen the schematic yet (see my last post) either, but here is how the pot could conceivably short out the power supply.

If the set uses a tetrode or pentode, and regeneration is controlled by adjusting the voltage on the screen grid (a typical method), then one side of the pot is connected to ground, the other side /could/ be connected directly to B+, and the wiper of course attaches to the (bypassed) screen grid. If the pot had a failure such that at one extreme of rotation the wiper bridged the two "ends" of the pot, which would be unusual but not impossible, then B+ would be shorted to ground.

73,
-Larry/NE1S

9398. Re: [AWA Group] Trouble with a regen project.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 02:03:58 UTC
From: Robert S Jenkins
Topic: 9394 Message: 9398
Attachments: 1 described; binary payloads are missing from this source WARC

Here is the schematic.

Robert
KG4KGL

> On Mar 30, 2014, at 21:21, Larry Szendrei <ne1s@...> wrote:
>
> Hi Robert,
>
> Can you attach the schematic? I can't get into the yahoo folders (don't ask).
>
> To answer your question - yes, it could be a faulty pot, but it would be an unusual fault.
>
> Does the receiver go into oscillation as you advance the regeneration control? You should be able to hear the point where it starts to oscillate in your 'fones - often described as a "plop."
>
> -Larry/NE1S
>
>> On 3/30/14 8:16 PM, Regen wrote:
>>
>> Hello all,
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>> I am attempting to build a regen based on the twinplex circuit. I can not get anything in the way of a signal. How critical is the construction of the coil? The other problem is if I turn the regen control to minimum it shorts the power supply to ground. Is this a faulty pot? the schematic is in a folder titled KG4KGL
>>
>> Tnx
>>
>> Robert
>> KG4KGL
>>
>
>

9399. RE: [AWA Group] Trouble with a regen project. [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 02:41:42 UTC
From: Mike Feher
Topic: 9394 Message: 9399
Attachments: 1 described; binary payloads are missing from this source WARC

Robert –

Verify that you have the pot connected properly. They usually have three connections, the two on either side is the whole resistive element and the one in the middle is the wiper. Aside from the failure mode that Larry mentioned, which should not happen but it may, if hooked up properly, the B+ should not be affected by the position of the pot. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Robert S Jenkins
Sent: Sunday, March 30, 2014 10:04 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Trouble with a regen project. [1 Attachment]

Here is the schematic.

Robert

KG4KGL

image.gif

On Mar 30, 2014, at 21:21, Larry Szendrei <ne1s@securespeed.us> wrote:

Hi Robert,

Can you attach the schematic? I can't get into the yahoo folders (don't ask).

To answer your question - yes, it could be a faulty pot, but it would be an unusual fault.

Does the receiver go into oscillation as you advance the regeneration control? You should be able to hear the point where it starts to oscillate in your 'fones - often described as a "plop."

-Larry/NE1S

On 3/30/14 8:16 PM, Regen wrote:

Hello all,

I am attempting to build a regen based on the twinplex circuit. I can not get anything in the way of a signal. How critical is the construction of the coil? The other problem is if

I turn the regen control to minimum it shorts the power supply to ground. Is this a faulty pot? the schematic is in a folder titled KG4KGL

Tnx

Robert
KG4KGL

9400. Re: [AWA Group] Trouble with a regen project. [1 Attachment]... Ok, a circuit.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 03:39:32 UTC
From: Poli, Louis (US SSA)
Topic: 9394 Message: 9400
Attachments: 1 described; binary payloads are missing from this source WARC

First, my thanks to Larry for his comments.

I was going to offer my take on the good and bad of control of the screen grid; but it is a triode.

So much for my typing up that response, and I was halfway through.

So; this is a standard circuit, the armstrong (if I remember correctly) regen circuit, with the tickler feedback coil.

I like these circuits; they are neat to work with and you can endlessly play with the circuit.

Ok, but we must remember to have the tickler coil in the right direction, or it won't work.

Robert mentioned that the radio did nothing.

Now the B+ is directly across the pot, for regeneration control by varying plate voltage.

Bad approach in putting B+ across a pot, but common in the old designs.

Note that high voltage also goes through your earphones too.

Even in the 1930's, some people did complain that this was a dangerous approach in a design.

Now, it was commented that if the pot were bad, it could short. Very true, but my gut feeling is that the pot started off as good.

if the pot were large enough for wattage, and high enough in resistance, there is no issue.

Now very often, there is a separate series resistor as a protection for a failing pot, but there is not one here.
Most of the pots in a circuit like this are designated as wire wound of a particular resistance.

But to tell the truth, I will still guess that there is a wiring error, or the pot burned out.
Probably by too low a resistance

My first recommendation, is to check the wiring.
Then maybe put in a beefier pot if this one is ok, and best protection of all; a series resistor with the pot.

But, let me say that I will never put a headset on with high voltage on it.

There are much safer designs, that were available.

Nice ones are seen in the journals, and the arrl handbooks of the 1940s and 50s.
I will dig up a favorite one; that I believe was from the 1955 handbook.

Let me invite comments on what to do next, from the group.

Regards,
Louis N3OL

From: Robert S Jenkins [mailto:regen@kg4kgl.net]
Sent: Sunday, March 30, 2014 10:03 PM
To: AWAGroup@yahoogroups.com <AWAGroup@yahoogroups.com>
Subject: Re: [AWA Group] Trouble with a regen project. [1 Attachment]

Here is the schematic.

Robert
KG4KGL

[image.gif]

On Mar 30, 2014, at 21:21, Larry Szendrei
<ne1s@securespeed.us<mailto:ne1s@securespeed.us>> wrote:

Hi Robert,

Can you attach the schematic? I can't get into the yahoo folders (don't ask).

To answer your question - yes, it could be a faulty pot, but it would be an unusual fault.

Does the receiver go into oscillation as you advance the regeneration control? You should be able to hear the point where it starts to oscillate in your 'fones - often described as a "plop."

-Larry/NE1S

On 3/30/14 8:16 PM, Regen wrote:

Hello all,

I am attempting to build a regen based on the twinplex circuit. I can not get anything in the way of a signal. How critical is the construction of the coil? The other problem is if I turn the regen control to minimum it shorts the power supply to ground. Is this a faulty pot? the schematic is in a folder titled KG4KGL

Tnx

Robert
KG4KGL

9401. Re: [AWA Group] eBay Alert HB '60s Rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 04:06:09 UTC
From: <w0vlz@...>
Topic: 9388 Message: 9401

Just checked. The seller plans on removing the chassis and wrapping it up along side the case in the same carton side by side. So probably OK.

Niel

9402. Re: [AWA Group] Trouble with a regen project. [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 05:30:39 UTC
From: Leonard Meek
Topic: 9394 Message: 9402
Attachments: 1 described; binary payloads are missing from this source WARC

I hope you didn't make a connection at the point just above the 0.1uF cap. It's the only place on the diagram where the wires cross but are not connected.

Leonard

----- Original Message -----
From: Robert S Jenkins
To: AWAGroup@yahoogroups.com
Sent: Sunday, March 30, 2014 4:03 PM
Subject: Re: [AWA Group] Trouble with a regen project. [1 Attachment]

Here is the schematic.

Robert
KG4KGL

On Mar 30, 2014, at 21:21, Larry Szendrei <ne1s@...> wrote:

Hi Robert,

Can you attach the schematic? I can't get into the yahoo folders (don't ask).

To answer your question - yes, it could be a faulty pot, but it would be an unusual fault.

Does the receiver go into oscillation as you advance the regeneration control? You should be able to hear the point where it starts to oscillate in your 'fones - often described as a "plop."

-Larry/NE1S

On 3/30/14 8:16 PM, Regen wrote:

Hello all,

I am attempting to build a regen based on the twinplex circuit. I can not get anything in the way of a signal. How critical is the construction of the coil? The other problem is if I turn the regen control to minimum it shorts the power supply to ground. Is this a faulty pot? the schematic is in a folder titled KG4KGL

Tnx

Robert
KG4KGL

9403. Re: [AWA Group] Trouble with a regen project.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 10:20:25 UTC
From: Larry Szendrei
Topic: 9394 Message: 9403
Attachments: 1 described; binary payloads are missing from this source WARC

Yes, that would make the set non-operational.

But it would not explain the B+ shorting to ground at one extreme of the regen pot.

-Larry/NE1S

On 3/31/14 1:30 AM, Leonard Meek wrote:
>
> □
>
> I hope you didn't make a connection at the point just above the 0.1uF
> cap. It's the only place on the diagram where the wires cross but are
> not connected.
> Leonard
>
> ----- Original Message -----
> *From:* Robert S Jenkins <mailto:regen@...>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* Sunday, March 30, 2014 4:03 PM
> *Subject:* Re: [AWA Group] Trouble with a regen project. [1
> Attachment]
>
>
> Here is the schematic.
>
> Robert
> KG4KGL
>
> image.gif
>
>
>
> On Mar 30, 2014, at 21:21, Larry Szendrei <ne1s@...
> <mailto:ne1s@...>> wrote:
>
>> Hi Robert,
>>
>> Can you attach the schematic? I can't get into the yahoo folders
>> (don't ask).
>>
>> To answer your question - yes, it could be a faulty pot, but it
>> would be an unusual fault.
>>

>> Does the receiver go into oscillation as you advance the
>> regeneration control? You should be able to hear the point where
>> it starts to oscillate in your 'fones - often described as a "plop."
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>> -Larry/NE1S
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>>> the construction of the coil? The other problem is if I turn the
>>> regen control to minimum it shorts the power supply to ground.
>>> Is this a faulty pot? the schematic is in a folder titled KG4KGL
>>>
>>> Tnx
>>>
>>> Robert
>>> KG4KGL
>>>
>>>
>>
>

9404. Re: [AWA Group] Trouble with a regen project. [1 Attachment]... Ok, a circuit.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 10:40:49 UTC
From: Robert S Jenkins
Topic: 9394 Message: 9404

Tnx to all for your comments. I apologize for the scarcity of details. I am building this circuit using a 6sn7 valve. I was not running B+ through the phones. I am using an old power transformer with the primary in place of the phones and connecting the 6.3v tap for the headphone connection.

I also can not find my stash of chokes. So I was attempting to use this circuit w/o the 5mH choke. How critical is it to the operation of the circuit?

Robert
KG4KGL

I feel sorry for people who do not drink, because when they wake up, that is as good as they are going to feel all day. -Frank Sinatra

> On Mar 30, 2014, at 23:39, "Poli, Louis (US SSA)" <louis.poli@baesystems.com> wrote:
>
> First, my thanks to Larry for his comments.
>
> I was going to offer my take on the good and bad of control of the screen grid; but it is a triode.
>
> So much for my typing up that response, and I was halfway through.
>
> So; this is a standard circuit, the armstrong (if I remember correctly) regen circuit, with the tickler feedback coil.
>
> I like these circuits; they are neat to work with and you can endlessly play with the circuit.
>
> Ok, but we must remember to have the tickler coil in the right direction, or it won't work.
>
> Robert mentioned that the radio did nothing.
>
> Now the B+ is directly across the pot, for regeneration control by varying plate voltage.
>
> Bad approach in putting B+ across a pot, but common in the old designs.
>
> Note that high voltage also goes through your earphones too.
>
> Even in the 1930's, some people did complain that this was a dangerous approach in a design.
>
> Now, it was commented that if the pot were bad, it could short. Very true, but my gut feeling is that the pot started off as good.

>
> if the pot were large enough for wattage, and high enough in resistance, there is no issue.
>
> Now very often, there is a separate series resistor as a protection for a failing pot, but there is not one here.
> Most of the pots in a circuit like this are designated as wire wound of a particular resistance.
>
> But to tell the truth, I will still guess that there is a wiring error, or the pot burned out.
> Probably by too low a resistance
>
> My first recommendation, is to check the wiring.
> Then maybe put in a beefier pot if this one is ok, and best protection of all; a series resistor with the pot.
>
> But, let me say that I will never put a headset on with high voltage on it.
>
> There are much safer designs, that were available.
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> Nice ones are seen in the journals, and the arrl handbooks of the 1940s and 50s.
> I will dig up a favorite one; that I believe was from the 1955 handbook.
>
> Let me invite comments on what to do next, from the group.
>
> Regards,
> Louis N3OL
>
> From: Robert S Jenkins [mailto:regen@...]
> Sent: Sunday, March 30, 2014 10:03 PM
> To: AWAGroup@yahoogroups.com <AWAGroup@yahoogroups.com>
> Subject: Re: [AWA Group] Trouble with a regen project. [1 Attachment]
>
>
> Here is the schematic.
>
> Robert
> KG4KGL
>
> <image.gif>
>
>
>
> On Mar 30, 2014, at 21:21, Larry Szendrei <ne1s@...> wrote:
>
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>> Hi Robert,
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>> Can you attach the schematic? I can't get into the yahoo folders (don't ask).

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>> To answer your question - yes, it could be a faulty pot, but it would be an unusual fault.
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>> -Larry/NE1S
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>>> On 3/30/14 8:16 PM, Regen wrote:
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>>>
>>> Tnx
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>>> Robert
>>> KG4KGL
>>>
>
>

9405. Re: [AWA Group] eBay Alert HB '60s Rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 12:10:44 UTC
From: Louis Vermond
Topic: 9388 Message: 9405

Tks Niel.

----- Original Message -----
From: w0vlz@...
To: AWAGroup@yahoogroups.com
Sent: 2014-03-31 12:06 AM
Subject: Re: [AWA Group] eBay Alert HB '60s Rig

Just checked. The seller plans on removing the chassis and wrapping it up along side the case in the same carton side by side. So probably OK.

Niel

9406. Re: [AWA Group] Trouble with a regen project. [1 Attachment]... Ok, a circuit.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 12:15:24 UTC
From: Larry Szendrei
Topic: 9394 Message: 9406

Low-Z 'fones, then?

As far as the necessity of the 5mH choke - I would think the circuit would work OK with out it, since the "RF cold" end of the tickler is bypassed with 1000pF. Best practice is to use the choke as well, as the bypass may not be 100% effective in keeping RF out of that part of the circuit. Belt & suspenders. It's reasonable to try it without the choke if you don't have a suitable one. I would think that the worst consequence would be passing some residual RF into the grid of the audio amp triode section, which could make it a bit squirrely or affect the audio. But you should still hear something.

73,
-Larry/NE1S

On 3/31/14 6:40 AM, Robert S Jenkins wrote:
> Tnx to all for your comments. I apologize for the scarcity of details.
> I am building this circuit using a 6sn7 valve. I was not running B+
> through the phones. I am using an old power transformer with the
> primary in place of the phones and connecting the 6.3v tap for the
> headphone connection.
>
> I also can not find my stash of chokes. So I was attempting to use
> this circuit w/o the 5mH choke. How critical is it to the operation of
> the circuit?
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> Robert
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> that is as good as they are going to feel all day. -Frank Sinatra
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> On Mar 30, 2014, at 23:39, "Poli, Louis (US SSA)"
> <louis.poli@... <mailto:louis.poli@...>> wrote:
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>> First, my thanks to Larry for his comments.
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>> I was going to offer my take on the good and bad of control of the
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>> of a particular resistance.
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>> error, or the pot burned out.
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>> My first recommendation, is to check the wiring.
>> Then maybe put in a beefier pot if this one is ok, and best
>> protection of all; a series resistor with the pot.
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>> on it.
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>> Nice ones are seen in the journals, and the arrl handbooks of the
>> 1940s and 50s.
>> I will dig up a favorite one; that I believe was from the 1955 handbook.
>>
>> Let me invite comments on what to do next, from the group.

>>
>> Regards,
>> Louis N3OL
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>> *From*: Robert S Jenkins [mailto:regen@...]
>> *Sent*: Sunday, March 30, 2014 10:03 PM
>> *To*: AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
>> <AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>>
>> *Subject*: Re: [AWA Group] Trouble with a regen project. [1 Attachment]
>>
>>
>> Here is the schematic.
>>
>> Robert
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>> <image.gif>
>>
>>
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>> On Mar 30, 2014, at 21:21, Larry Szendrei <ne1s@...
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>>> Does the receiver go into oscillation as you advance the
>>> regeneration control? You should be able to hear the point where it
>>> starts to oscillate in your 'fones - often described as a "plop."
>>>
>>> -Larry/NE1S
>>>
>>> On 3/30/14 8:16 PM, Regen wrote:
>>>>
>>>> Hello all,
>>>>
>>>> I am attempting to build a regen based on the twinplex circuit. I
>>>> can not get anything in the way of a signal. How critical is the
>>>> construction of the coil? The other problem is if I turn the regen
>>>> control to minimum it shorts the power supply to ground. Is this a
>>>> faulty pot? the schematic is in a folder titled KG4KGL
>>>>
>>>> Tnx
>>>>
>>>> Robert

>>>> KG4KGL
>>>>
>>>>
>>>
>

9407. Re: [AWA Group] Trouble with a regen project. [1 Attachment]... Ok, a circuit.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 12:31:16 UTC
From: Robert S Jenkins
Topic: 9394 Message: 9407

Actually the phones are high Z, a military aviator set of phones.

Robert
KG4KGL

> On Mar 31, 2014, at 8:15, Larry Szendrei <ne1s@...> wrote:
>
> Low-Z 'fones, then?
>
>

9408. RE: [AWA Group] the 1616 data..... & Louis..Thanks Lou, and a radio show

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 13:47:14 UTC
From: Mike Feher
Topic: 9383 Message: 9408
Attachments: 1 described; binary payloads are missing from this source WARC

Hey Lou - Here I am with 3 out of my 5 grandkids, taken last Christmas eve.
73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Thursday, March 27, 2014 4:28 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] the 1616 data..... & Louis..Thanks Lou, and a radio show

look for .....a guy with a gray beard and a beer gut.... Oh, great help. That describes 2/3s of the guys there!

9409. Field wireless exercise

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 15:26:44 UTC
From: Mike Feher
Topic: 9409 Message: 9409

This is a neat 6 minute film of 1917 wireless. 73 - Mike

http://www.itnsource.com/en/shotlist/BHC_RTV/1917/
<http://www.itnsource.com/en/shotlist/BHC_RTV/1917/01/23/BGT407050844/>
01/23/BGT407050844/

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

9410. Re: [AWA Group] the 1616 data..... & Louis..Thanks Lou, and a radio show

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 15:46:09 UTC
From: Larry Szendrei
Topic: 9383 Message: 9410

Great photo, Mike! Thanks for sharing.

73,
-Larry/NE1S

On 3/31/14 9:47 AM, Mike Feher wrote:
>
> Hey Lou -- Here I am with 3 out of my 5 grandkids, taken last
> Christmas eve. 73 -- Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] *On
> Behalf Of *Louis Vermond
> *Sent:* Thursday, March 27, 2014 4:28 PM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* Re: [AWA Group] the 1616 data..... & Louis..Thanks Lou,
> and a radio show
>
> look for .....a guy with a gray beard and a beer gut.... Oh, great
> help. That describes 2/3s of the guys there!
>
> __

9411. Re: [AWA Group] Field wireless exercise

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 16:00:18 UTC
From: Roger Kuchera
Topic: 9409 Message: 9411

The crew looks like they might be Royal Navy.

Roger.

From: Mike Feher <n4fs@...>
To: AWAGroup@yahoogroups.com
Sent: Monday, March 31, 2014 11:26 AM
Subject: [AWA Group] Field wireless exercise

This is a neat 6 minute film of 1917 wireless. 73 – Mike

http://www.itnsource.com/en/shotlist/BHC_RTV/1917/
01/23/BGT407050844/

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

9412. RE: [AWA Group] the 1616 data..... & Louis..Thanks Lou, and a radio show

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 16:56:15 UTC
From: Mike Feher
Topic: 9383 Message: 9412

Thanks Larry. Having the grandkids in there helped, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Larry Szendrei
Sent: Monday, March 31, 2014 11:46 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] the 1616 data..... & Louis..Thanks Lou, and a radio show

Great photo, Mike! Thanks for sharing.

73,
-Larry/NE1S

On 3/31/14 9:47 AM, Mike Feher wrote:

Hey Lou - Here I am with 3 out of my 5 grandkids, taken last Christmas eve. 73 - Mike

Mike B. Feher, N4FS

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Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Thursday, March 27, 2014 4:28 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] the 1616 data..... & Louis..Thanks Lou, and a radio show

look for .....a guy with a gray beard and a beer gut.... Oh, great help. That describes 2/3s of the guys there!

--

9413. Re: [AWA Group] Trouble with a regen project.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 17:04:09 UTC
From: Leonard Meek
Topic: 9394 Message: 9413
Attachments: 1 described; binary payloads are missing from this source WARC

It would short the B+ to ground through the phones.

Leonard

----- Original Message -----
From: Larry Szendrei
To: AWAGroup@yahoogroups.com
Sent: Monday, March 31, 2014 12:20 AM
Subject: Re: [AWA Group] Trouble with a regen project.

Yes, that would make the set non-operational.

But it would not explain the B+ shorting to ground at one extreme of the regen pot.

-Larry/NE1S

On 3/31/14 1:30 AM, Leonard Meek wrote:

☐

I hope you didn't make a connection at the point just above the 0.1uF cap. It's the only place on the diagram where the wires cross but are not connected.

Leonard

----- Original Message -----
From: Robert S Jenkins
To: AWAGroup@yahoogroups.com
Sent: Sunday, March 30, 2014 4:03 PM
Subject: Re: [AWA Group] Trouble with a regen project. [1 Attachment]

Here is the schematic.

Robert
KG4KGL

On Mar 30, 2014, at 21:21, Larry Szendrei <ne1s@...> wrote:

Hi Robert,

Can you attach the schematic? I can't get into the yahoo folders (don't ask).

To answer your question - yes, it could be a faulty pot, but it would be an unusual fault.

Does the receiver go into oscillation as you advance the regeneration control? You should be able to hear the point where it starts to oscillate in your 'fones - often described as a "plop."

-Larry/NE1S

On 3/30/14 8:16 PM, Regen wrote:

Hello all,

I am attempting to build a regen based on the twinplex circuit. I can not get anything in the way of a signal. How critical is the construction of the coil? The other problem is if I turn the regen control to minimum it shorts the power supply to ground. Is this a faulty pot? the schematic is in a folder titled KG4KGL

Tnx

Robert
KG4KGL

9414. Re: [AWA Group] Trouble with a regen project. [1 Attachment]... Ok, a circuit.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 17:06:57 UTC
From: Leonard Meek
Topic: 9394 Message: 9414

Did you try reversing the tickler coil connections?

Leonard

----- Original Message -----
From: Larry Szendrei
To: AWAGroup@yahoogroups.com
Sent: Monday, March 31, 2014 2:15 AM
Subject: Re: [AWA Group] Trouble with a regen project. [1 Attachment]... Ok, a circuit.

Low-Z 'fones, then?

As far as the necessity of the 5mH choke - I would think the circuit would work OK with out it, since the "RF cold" end of the tickler is bypassed with 1000pF. Best practice is to use the choke as well, as the bypass may not be 100% effective in keeping RF out of that part of the circuit. Belt & suspenders. It's reasonable to try it without the choke if you don't have a suitable one. I would think that the worst consequence would be passing some residual RF into the grid of the audio amp triode section, which could make it a bit squirrely or affect the audio. But you should still hear something.

73,
-Larry/NE1S

On 3/31/14 6:40 AM, Robert S Jenkins wrote:

Tnx to all for your comments. I apologize for the scarcity of details. I am building this circuit using a 6sn7 valve. I was not running B+ through the phones. I am using an old power transformer with the primary in place of the phones and connecting the 6.3v tap for the headphone connection.

I also can not find my stash of chokes. So I was attempting to use this circuit w/o the 5mH choke. How critical is it to the operation of the circuit?

Robert
KG4KGL

I feel sorry for people who do not drink, because when they wake up, that is as good as they are going to feel all day. -Frank Sinatra

On Mar 30, 2014, at 23:39, "Poli, Louis (US SSA)" <louis.poli@...> wrote:

First, my thanks to Larry for his comments.

I was going to offer my take on the good and bad of control of the screen grid; but it is a triode.

So much for my typing up that response, and I was halfway through.

So; this is a standard circuit, the armstrong (if I remember correctly) regen circuit, with the tickler feedback coil.

I like these circuits; they are neat to work with and you can endlessly play with the circuit.

Ok, but we must remember to have the tickler coil in the right direction, or it won't work.

Robert mentioned that the radio did nothing.

Now the B+ is directly across the pot, for regeneration control by varying plate voltage.

Bad approach in putting B+ across a pot, but common in the old designs.

Note that high voltage also goes through your earphones too.

Even in the 1930's, some people did complain that this was a dangerous approach in a design.

Now, it was commented that if the pot were bad, it could short. Very true, but my gut feeling is that the pot started off as good.

if the pot were large enough for wattage, and high enough in resistance, there is no issue.

Now very often, there is a separate series resistor as a protection for a failing pot, but there is not one here.
Most of the pots in a circuit like this are designated as wire wound of a particular resistance.

But to tell the truth, I will still guess that there is a wiring error, or the pot burned out.
Probably by too low a resistance

My first recommendation, is to check the wiring.
Then maybe put in a beefier pot if this one is ok, and best protection of all; a series resistor with the pot.

But, let me say that I will never put a headset on with high voltage on it.

There are much safer designs, that were available.

Nice ones are seen in the journals, and the arrl handbooks of the 1940s and 50s.
I will dig up a favorite one; that I believe was from the 1955 handbook.

Let me invite comments on what to do next, from the group.

Regards,
Louis N3OL

From: Robert S Jenkins [mailto:regen@...]
Sent: Sunday, March 30, 2014 10:03 PM
To: AWAGroup@yahoogroups.com <AWAGroup@yahoogroups.com>
Subject: Re: [AWA Group] Trouble with a regen project. [1 Attachment]

Here is the schematic.

Robert
KG4KGL

<image.gif>

On Mar 30, 2014, at 21:21, Larry Szendrei <ne1s@...> wrote:

Hi Robert,

Can you attach the schematic? I can't get into the yahoo folders (don't ask).

To answer your question - yes, it could be a faulty pot, but it would be an unusual fault.

Does the receiver go into oscillation as you advance the regeneration control? You should be able to hear the point where it starts to oscillate in your 'fones - often described as a "plop."

-Larry/NE1S

On 3/30/14 8:16 PM, Regen wrote:

Hello all,

I am attempting to build a regen based on the twinplex circuit. I can not get anything in the way of a signal. How critical is the construction of the coil? The other problem is if I turn the regen control to minimum it shorts the power supply to ground. Is this a faulty pot? the schematic is in a folder titled KG4KGL

Tnx

Robert
KG4KGL

9415. Re: [AWA Group] Trouble with a regen project. [1 Attachment]... Ok, a circuit.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 17:19:27 UTC
From: Robert S Jenkins
Topic: 9394 Message: 9415

That I will try this afternoon.

Robert
KG4KGL

> On Mar 31, 2014, at 13:06, "Leonard Meek" <lemeek@...> wrote:
>
> □
>
> Did you try reversing the tickler coil connections?
>
> Leonard
>
> ----- Original Message -----
> From: Larry Szendrei
> To: AWAGroup@yahoogroups.com
> Sent: Monday, March 31, 2014 2:15 AM
> Subject: Re: [AWA Group] Trouble with a regen project. [1 Attachment]... Ok, a circuit.
>
> Low-Z 'fones, then?
>
> As far as the necessity of the 5mH choke - I would think the circuit would work OK with out it, since the "RF cold" end of the tickler is bypassed with 1000pF. Best practice is to use the choke as well, as the bypass may not be 100% effective in keeping RF out of that part of the circuit. Belt & suspenders. It's reasonable to try it without the choke if you don't have a suitable one. I would think that the worst consequence would be passing some residual RF into the grid of the audio amp triode section, which could make it a bit squirrely or affect the audio. But you should still hear something.
>
> 73,
> -Larry/NE1S
>
>
>> On 3/31/14 6:40 AM, Robert S Jenkins wrote:
>>
>> Tnx to all for your comments. I apologize for the scarcity of details. I am building this circuit using a 6sn7 valve. I was not running B+ through the phones. I am using an old power transformer with the primary in place of the phones and connecting the 6.3v tap for the headphone connection.
>>
>> I also can not find my stash of chokes. So I was attempting to use this circuit w/o the 5mH choke. How critical is it to the operation of the circuit?
>>
>> Robert
>> KG4KGL
>>

>>
>>
>> I feel sorry for people who do not drink, because when they wake up, that is as good as they are going to feel all day. -Frank Sinatra
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>>> On Mar 30, 2014, at 23:39, "Poli, Louis (US SSA)" <louis.poli@...> wrote:
>>>
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>>> First, my thanks to Larry for his comments.
>>>
>>> I was going to offer my take on the good and bad of control of the screen grid; but it is a triode.
>>>
>>> So much for my typing up that response, and I was halfway through.
>>>
>>> So; this is a standard circuit, the armstrong (if I remember correctly) regen circuit, with the tickler feedback coil.
>>>
>>> I like these circuits; they are neat to work with and you can endlessly play with the circuit.
>>>
>>> Ok, but we must remember to have the tickler coil in the right direction, or it won't work.
>>>
>>> Robert mentioned that the radio did nothing.
>>>
>>> Now the B+ is directly across the pot, for regeneration control by varying plate voltage.
>>>
>>> Bad approach in putting B+ across a pot, but common in the old designs.
>>>
>>> Note that high voltage also goes through your earphones too.
>>>
>>> Even in the 1930's, some people did complain that this was a dangerous approach in a design.
>>>
>>> Now, it was commented that if the pot were bad, it could short. Very true, but my gut feeling is that the pot started off as good.
>>>
>>> if the pot were large enough for wattage, and high enough in resistance, there is no issue.
>>>
>>> Now very often, there is a separate series resistor as a protection for a failing pot, but there is not one here.
>>> Most of the pots in a circuit like this are designated as wire wound of a particular resistance.
>>>
>>> But to tell the truth, I will still guess that there is a wiring error, or the pot burned out.
>>> Probably by too low a resistance
>>>
>>> My first recommendation, is to check the wiring.
>>> Then maybe put in a beefier pot if this one is ok, and best protection of all; a series resistor with the pot.
>>>
>>> But, let me say that I will never put a headset on with high voltage on it.
>>>
>>> There are much safer designs, that were available.
>>>
>>> Nice ones are seen in the journals, and the arrl handbooks of the 1940s and 50s.

>>> I will dig up a favorite one; that I believe was from the 1955 handbook.
>>>
>>> Let me invite comments on what to do next, from the group.
>>>
>>> Regards,
>>> Louis N3OL
>>>
>>>
>>> From: Robert S Jenkins [mailto:regen@...]
>>> Sent: Sunday, March 30, 2014 10:03 PM
>>> To: AWAGroup@yahoogroups.com <AWAGroup@yahoogroups.com>
>>> Subject: Re: [AWA Group] Trouble with a regen project. [1 Attachment]
>>>
>>>
>>> Here is the schematic.
>>>
>>> Robert
>>> KG4KGL
>>>
>>> <image.gif>
>>>
>>>
>>>
>>>> On Mar 30, 2014, at 21:21, Larry Szendrei <ne1s@...> wrote:
>>>>
>>>>
>>>> Hi Robert,
>>>>
>>>> Can you attach the schematic? I can't get into the yahoo folders (don't ask).
>>>>
>>>> To answer your question - yes, it could be a faulty pot, but it would be an unusual fault.
>>>>
>>>> Does the receiver go into oscillation as you advance the regeneration control? You should be able to hear the point where it starts to oscillate in your 'fones - often described as a "plop."
>>>>
>>>> -Larry/NE1S
>>>>
>>>>> On 3/30/14 8:16 PM, Regen wrote:
>>>>>
>>>>> Hello all,
>>>>>
>>>>> I am attempting to build a regen based on the twinplex circuit. I can not get anything in the way of a signal. How critical is the construction of the coil? The other problem is if I turn the regen control to minimum it shorts the power supply to ground. Is this a faulty pot? the schematic is in a folder titled KG4KGL
>>>>>
>>>>> Tnx
>>>>>
>>>>> Robert
>>>>> KG4KGL

>>>>>
>
>

9416. Re: [AWA Group] Trouble with a regen project.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 17:47:45 UTC
From: Larry Szendrei
Topic: 9394 Message: 9416
Attachments: 1 described; binary payloads are missing from this source WARC

Nope, the 47K resistor would be in series. So there would be 49K (assuming 2Kohm 'fones) across the 90V B+ if the regen pot were advanced to full-tilt boogie. That's only 1.8 mA - hardly a "short." Back off the regen control and it's even less.

73,
-Larry/NE1S

On 3/31/14 1:04 PM, Leonard Meek wrote:
>
> □
>
> It would short the B+ to ground through the phones.
> Leonard
>
> ----- Original Message -----
> *From:* Larry Szendrei <mailto:ne1s@...>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* Monday, March 31, 2014 12:20 AM
> *Subject:* Re: [AWA Group] Trouble with a regen project.
>
> Yes, that would make the set non-operational.
>
> But it would not explain the B+ shorting to ground at one extreme
> of the regen pot.
>
> -Larry/NE1S
>
> On 3/31/14 1:30 AM, Leonard Meek wrote:
>>
>> □
>>
>> I hope you didn't make a connection at the point just above the
>> 0.1uF cap. It's the only place on the diagram where the wires
>> cross but are not connected.
>> Leonard
>>
>> ----- Original Message -----
>> *From:* Robert S Jenkins <mailto:regen@...>
>> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
>> *Sent:* Sunday, March 30, 2014 4:03 PM
>> *Subject:* Re: [AWA Group] Trouble with a regen project. [1
>> Attachment]
>>

>>
>> Here is the schematic.
>>
>> Robert
>> KG4KGL
>>
>> image.gif
>>
>>
>>
>> On Mar 30, 2014, at 21:21, Larry Szendrei
>> <ne1s@... <mailto:ne1s@...>> wrote:
>>
>>> Hi Robert,
>>>
>>> Can you attach the schematic? I can't get into the yahoo
>>> folders (don't ask).
>>>
>>> To answer your question - yes, it could be a faulty pot, but
>>> it would be an unusual fault.
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>>> Does the receiver go into oscillation as you advance the
>>> regeneration control? You should be able to hear the point
>>> where it starts to oscillate in your 'fones - often
>>> described as a "plop."
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>>> -Larry/NE1S
>>>
>>> On 3/30/14 8:16 PM, Regen wrote:
>>>>
>>>> Hello all,
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>>>> I am attempting to build a regen based on the twinplex
>>>> circuit. I can not get anything in the way of a signal. How
>>>> critical is the construction of the coil? The other problem
>>>> is if I turn the regen control to minimum it shorts the
>>>> power supply to ground. Is this a faulty pot? the schematic
>>>> is in a folder titled KG4KGL
>>>>
>>>> Tnx
>>>>
>>>> Robert
>>>> KG4KGL
>>>>
>>>>
>>>
>
>

9417. Re: [AWA Group] Trouble with a regen project. [1 Attachment]... Ok, a circuit.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 17:53:36 UTC
From: Larry Szendrei
Topic: 9394 Message: 9417

Well, then if the impedance of the 'fones is a few thousand ohms or more
you are unnecessarily attenuating the audio with the step-down ratio of
the 120V:6.3V xfmr. That ratio would work well if the Z of the 'fones
was around 500 ohms.

73,
-Larry/NE1S

>
> Actually the phones are high Z, a military aviator set of phones.
>
> Robert
> KG4KGL
>
>
> On Mar 31, 2014, at 8:15, Larry Szendrei <ne1s@...
> <mailto:ne1s@...>> wrote:
>
>> Low-Z 'fones, then?
>>
> _

9418. Re: [AWA Group] Trouble with a regen project.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 18:26:23 UTC
From: Leonard Meek
Topic: 9394 Message: 9418
Attachments: 1 described; binary payloads are missing from this source WARC

Didn't see the "K". That comes back to a bad or miswired pot.
----- Original Message -----
From: Larry Szendrei
To: AWAGroup@yahoogroups.com
Sent: Monday, March 31, 2014 7:47 AM
Subject: Re: [AWA Group] Trouble with a regen project.

Nope, the 47K resistor would be in series. So there would be 49K (assuming 2Kohm 'fones) across the 90V B+ if the regen pot were advanced to full-tilt boogie. That's only 1.8 mA - hardly a "short." Back off the regen control and it's even less.

73,
-Larry/NE1S

On 3/31/14 1:04 PM, Leonard Meek wrote:

☐

It would short the B+ to ground through the phones.

Leonard

----- Original Message -----
From: Larry Szendrei
To: AWAGroup@yahoogroups.com
Sent: Monday, March 31, 2014 12:20 AM
Subject: Re: [AWA Group] Trouble with a regen project.

Yes, that would make the set non-operational.

But it would not explain the B+ shorting to ground at one extreme of the regen pot.

-Larry/NE1S

On 3/31/14 1:30 AM, Leonard Meek wrote:

☐

I hope you didn't make a connection at the point just above the 0.1uF cap. It's the only place on the diagram where the wires cross but are not connected.

Leonard

----- Original Message -----
From: Robert S Jenkins
To: AWAGroup@yahoogroups.com
Sent: Sunday, March 30, 2014 4:03 PM
Subject: Re: [AWA Group] Trouble with a regen project. [1 Attachment]

Here is the schematic.

Robert
KG4KGL

On Mar 30, 2014, at 21:21, Larry Szendrei <ne1s@...> wrote:

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Does the receiver go into oscillation as you advance the regeneration control? You should be able to hear the point where it starts to oscillate in your 'fones - often described as a "plop."

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Tnx

Robert
KG4KGL

9419. Re: [AWA Group] Trouble with a regen project.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 18:42:57 UTC
From: Larry Szendrei
Topic: 9394 Message: 9419
Attachments: 1 described; binary payloads are missing from this source WARC

Yep!

On 3/31/14 2:26 PM, Leonard Meek wrote:
>
> □
>
> Didn't see the "K". That comes back to a bad or miswired pot.
>
> ----- Original Message -----
> *From:* Larry Szendrei <mailto:ne1s@...>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* Monday, March 31, 2014 7:47 AM
> *Subject:* Re: [AWA Group] Trouble with a regen project.
>
> Nope, the 47K resistor would be in series. So there would be 49K
> (assuming 2Kohm 'fones) across the 90V B+ if the regen pot were
> advanced to full-tilt boogie. That's only 1.8 mA - hardly a
> "short." Back off the regen control and it's even less.
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>> It would short the B+ to ground through the phones.
>> Leonard
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>> ----- Original Message -----
>> *From:* Larry Szendrei <mailto:ne1s@...>
>> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
>> *Sent:* Monday, March 31, 2014 12:20 AM
>> *Subject:* Re: [AWA Group] Trouble with a regen project.
>>
>> Yes, that would make the set non-operational.
>>
>> But it would not explain the B+ shorting to ground at one
>> extreme of the regen pot.
>>
>> -Larry/NE1S
>>
>> On 3/31/14 1:30 AM, Leonard Meek wrote:

>>>
>>> □
>>>
>>> I hope you didn't make a connection at the point just above
>>> the 0.1uF cap. It's the only place on the diagram where the
>>> wires cross but are not connected.
>>> Leonard
>>>
>>> ----- Original Message -----
>>> *From:* Robert S Jenkins <mailto:regen@...>
>>> *To:* AWAGroup@yahoogroups.com
>>> <mailto:AWAGroup@yahoogroups.com>
>>> *Sent:* Sunday, March 30, 2014 4:03 PM
>>> *Subject:* Re: [AWA Group] Trouble with a regen project.
>>> [1 Attachment]
>>>
>>>
>>> Here is the schematic.
>>>
>>> Robert
>>> KG4KGL
>>>
>>> image.gif
>>>
>>>
>>>
>>> On Mar 30, 2014, at 21:21, Larry Szendrei
>>> <ne1s@... <mailto:ne1s@...>> wrote:
>>>
>>>>>> Hi Robert,
>>>>>>
>>>>>> Can you attach the schematic? I can't get into the
>>>>>> yahoo folders (don't ask).
>>>>>>
>>>>>> To answer your question - yes, it could be a faulty
>>>>>> pot, but it would be an unusual fault.
>>>>>>
>>>>>> Does the receiver go into oscillation as you advance
>>>>>> the regeneration control? You should be able to hear
>>>>>> the point where it starts to oscillate in your 'fones -
>>>>>> often described as a "plop."
>>>>>>
>>>>>> -Larry/NE1S
>>>>>>
>>>>>> On 3/30/14 8:16 PM, Regen wrote:
>>>>>>>
>>>>>>> Hello all,
>>>>>>>
>>>>>>> I am attempting to build a regen based on the twinplex

>>>>> circuit. I can not get anything in the way of a
>>>>> signal. How critical is the construction of the coil?
>>>>> The other problem is if I turn the regen control to
>>>>> minimum it shorts the power supply to ground. Is this
>>>>> a faulty pot? the schematic is in a folder titled KG4KGL
>>>>>
>>>>> Tnx
>>>>>
>>>>> Robert
>>>>> KG4KGL
>>>>>
>>>>>
>>>>
>>
>

9420. 2.5 or 5mH chokes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 20:30:28 UTC
From: Robert S Jenkins
Topic: 9420 Message: 9420

Does anyone have any of these chokes they would be willing to sell?

Robert
KG4KGL

9421. Re: [AWA Group] 2.5 or 5mH chokes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 20:45:57 UTC
From: Leonard Meek
Topic: 9420 Message: 9421

Check with Antique Electronics or Radio Daze. Digikey and Mouser also have
them. They cost about the same as a candy bar, a BIG candy bar.

Leonard

----- Original Message -----
From: "Robert S Jenkins" <regen@...>
To: "AWA" <AWAGroup@yahoogroups.com>
Sent: Monday, March 31, 2014 10:30 AM
Subject: [AWA Group] 2.5 or 5mH chokes

> Does anyone have any of these chokes they would be willing to sell?
>
> Robert
> KG4KGL
>
>
> ------------------------------------
>
> Yahoo Groups Links
>
>
>
>

9422. Re: [AWA Group] 2.5 or 5mH chokes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-03-31 23:10:15 UTC
From: Louis Vermond
Topic: 9420 Message: 9422

Robert,

Leonard's suggestion is good, but if you still come up short on the 2.5s let me know. I might be able to scrounge up one or two.

73, Lou

9423. Re: [AWA Group] Trouble with a regen project.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-01 01:33:10 UTC
From: Ron Barlow
Topic: 9394 Message: 9423

Hi Robert,
I suspect that the connection, to the wiper terminal of the pot, may have been reversed with the connection to the B+ end of the pot. Check carefully. Some old pots have a terminal configuration, that can be confusing.
Or, there may be a short circuit (solder bridge?), between the B+ end of the pot, and the wiper connection.

Do you have an ohm meter??

I understand that you are using a transformer, between the audio amp & the phones. Good plan, imho. In addition to the possible shock hazard, I have read that the DC plate current, thru the phones, can gradually degrade the magnet, in the headphones, causing a loss of sensitivity.

73 de Ron n4gjv

On Sun, 3/30/14, Regen <regen@...> wrote:

Subject: [AWA Group] Trouble with a regen project.
To: "Regen" <regenrx@yahoogroups.com>
Date: Sunday, March 30, 2014, 5:16 PM

Hello all,

I am attempting to build a regen based on the twinplex
circuit. I can not get anything in the way of a signal. How
critical is the construction of the coil? The other problem
is if I turn the regen control to minimum it shorts the
power supply to ground. Is this a faulty pot? the schematic
is in a folder titled KG4KGL

Tnx

Robert

KG4KGL

9424. Re: [AWA Group] Trouble with a regen project...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-01 05:44:17 UTC
From: Poli, Louis (US SSA)
Topic: 9394 Message: 9424

Ron;
Thanks for the guidance.
I would like to build upon your points further.

An ohmmeter is a must, and very cheap.
Actually they call them multimeters.

These have different scales; so you can measure ohms, volts, amps, etc. There is a harbor freight store near me.

They have multimeters for 6 dollars.
During a very good dollar sale in January, they were $3. each.

I bought 6 and commited them to watch voltage and current on some projects of mine.

I checked these very inexpensive units against a good wavetech multimeter; and they agreed closely.
Radio shack and Sears have meters too; a bit more expensive.

Now in reference to the choke; we remember that any coil is an inductor.
With a subclass of them known as RF chokes.

Since you are using a transformer to work with the earphones.
You can do other things as well, if you have more of them.

I just measured four speaker audio transformers that I pulled out presently from the junk box.

I read the inductance of the primary. Keep the secondary unconnected.

The numbers were 1.3, 1.7, 2.3, and 3.5 Henrys.

So the typical loud speaker transformer will have a few thousand millihenrys of inductance, and can be used as big chokes.

Also; the interconnection from the first half of the 6SN7(regen tube), to the second half of the tube; (typically running as a small audio amplifier), is typically via a large inductor.

Audio voltage appears across this inductor, and is amplified.

This transformer type is often designated to be as large as possible.

They often quote 8 to 10 Henrys. However these numbers are just guide lines.
This radio will work on less than one Henry.

Now on the rf choke needed to isolate the DC line from the RF. These big chokes will do fine there too.

If you have a number of small value chokes, you can add their values together.
Remember that inductors add like resistors, meaning, just connect them in series.

Capacitors do not add this way. They add their values together when they are connected together in parallel.

On the headphones; you can leave them out entirely.

If you are using a speaker transformer to match the tube plate to the headphones; then just use them as they were intended; to drive a speaker.

Do we have the power to drive a speaker.
More than enough, and I have done this in the regen 6SN7 based radios I have built.

Then why the earphones?

In some ways historical.
The old tubes were much poorer amplifiers, with less power output.
My two 6SN7 based regens were from the one tube regen article in the 1955 arrl handbook.
That radio circuit was very close to this design.

Speakers were expensive, and very different than the ones we use.

Regards,
Louis N3OL

From: Ron Barlow [mailto:imalowfer@yahoo.com]
Sent: Monday, March 31, 2014 09:33 PM
To: AWAGroup@yahoogroups.com <AWAGroup@yahoogroups.com>
Subject: Re: [AWA Group] Trouble with a regen project.

Hi Robert,
I suspect that the connection, to the wiper terminal of the pot, may have been reversed with the connection to the B+ end of the pot. Check carefully. Some old pots have a terminal configuration, that can be confusing.
Or, there may be a short circuit (solder bridge?), between the B+ end of the pot, and the wiper connection.

Do you have an ohm meter??

I understand that you are using a transformer, between the audio amp & the phones. Good plan, imho. In addition to the possible shock hazard, I have read that the DC plate current, thru the phones, can gradually degrade the magnet, in the headphones, causing a loss of sensitivity.

73 de Ron n4gjv

On Sun, 3/30/14, Regen <regen@kg4kgl.net> wrote:

Subject: [AWA Group] Trouble with a regen project.
To: "Regen" <regenrx@yahoogroups.com>
Date: Sunday, March 30, 2014, 5:16 PM

Hello all,

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Tnx

Robert

KG4KGL

9425. April 1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-01 10:41:01 UTC
From: Louis Vermond
Topic: 9425 Message: 9425

https://groups.yahoo.com/neo/groups/AWAGroup/info

9426. RE: [AWA Group] Trouble with a regen project...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-01 11:57:09 UTC
From: Mike Feher
Topic: 9394 Message: 9426

Louis –

One does need to be careful when using RF chokes and especially if placing them in series. Even audio ones. One becomes an issue due to construction and it has to be remembered that chokes of any sort have a self-resonance due to the distributed capacitance within. It is not desirable to use a choke whose resonance is in the band of interest. Self-resonance needs to be much higher than the frequency of use. Above resonance the choke acts like a capacitor. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Poli, Louis (US SSA)
Sent: Tuesday, April 01, 2014 1:44 AM
To: 'AWAGroup@yahoogroups.com'
Subject: Re: [AWA Group] Trouble with a regen project...

Ron;
Thanks for the guidance.
I would like to build upon your points further.

An ohmmeter is a must, and very cheap.
Actually they call them multimeters.

These have different scales; so you can measure ohms, volts, amps, etc. There is a harbor freight store near me.

They have multimeters for 6 dollars.
During a very good dollar sale in January, they were $3. each.

I bought 6 and commited them to watch voltage and current on some projects of mine.

I checked these very inexpensive units against a good wavetech multimeter; and they agreed closely.
Radio shack and Sears have meters too; a bit more expensive.

Now in reference to the choke; we remember that any coil is an inductor.
With a subclass of them known as RF chokes.

Since you are using a transformer to work with the earphones.
You can do other things as well, if you have more of them.

I just measured four speaker audio transformers that I pulled out presently from the junk box.

I read the inductance of the primary. Keep the secondary unconnected.

The numbers were 1.3, 1.7, 2.3, and 3.5 Henrys.

So the typical loud speaker transformer will have a few thousand millihenrys of inductance, and can be used as big chokes.

Also; the interconnection from the first half of the 6SN7(regen tube), to the second half of the tube; (typically running as a small audio amplifier), is typically via a large inductor.

Audio voltage appears across this inductor, and is amplified.

This transformer type is often designated to be as large as possible.

They often quote 8 to 10 Henrys. However these numbers are just guide lines.
This radio will work on less than one Henry.

Now on the rf choke needed to isolate the DC line from the RF. These big chokes will do fine there too.

If you have a number of small value chokes, you can add their values together.
Remember that inductors add like resistors, meaning, just connect them in series.

Capacitors do not add this way. They add their values together when they are connected together in parallel.

On the headphones; you can leave them out entirely.

If you are using a speaker transformer to match the tube plate to the headphones; then just use them as they were intended; to drive a speaker.

Do we have the power to drive a speaker.
More than enough, and I have done this in the regen 6SN7 based radios I have built.

Then why the earphones?

In some ways historical.
The old tubes were much poorer amplifiers, with less power output.
My two 6SN7 based regens were from the one tube regen article in the 1955 arrl handbook.
That radio circuit was very close to this design.

Speakers were expensive, and very different than the ones we use.

Regards,
Louis N3OL

From: Ron Barlow [mailto:imalowfer@...]
Sent: Monday, March 31, 2014 09:33 PM
To: AWAGroup@yahoogroups.com <AWAGroup@yahoogroups.com>
Subject: Re: [AWA Group] Trouble with a regen project.

Hi Robert,
I suspect that the connection, to the wiper terminal of the pot, may have been reversed with the connection to the B+ end of the pot. Check carefully. Some old pots have a terminal configuration, that can be confusing.
Or, there may be a short circuit (solder bridge?), between the B+ end of the pot, and the wiper connection.

Do you have an ohm meter??

I understand that you are using a transformer, between the audio amp & the phones. Good plan, imho. In addition to the possible shock hazard, I have read that the DC plate current, thru the phones, can gradually degrade the magnet, in the headphones, causing a loss of sensitivity.

73 de Ron n4gjv

On Sun, 3/30/14, Regen <regen@...> wrote:

Subject: [AWA Group] Trouble with a regen project.
To: "Regen" <regenrx@yahoogroups.com>
Date: Sunday, March 30, 2014, 5:16 PM

Hello all,

I am attempting to build a regen based on the twinplex
circuit. I can not get anything in the way of a signal. How
critical is the construction of the coil? The other problem
is if I turn the regen control to minimum it shorts the
power supply to ground. Is this a faulty pot? the schematic
is in a folder titled KG4KGL

Tnx

Robert

KG4KGL

9427. RE: [AWA Group] April 1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-01 12:01:46 UTC
From: Mike Feher
Topic: 9425 Message: 9427

Aha, Lou at the mike -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Tuesday, April 01, 2014 6:41 AM
To: AWAGroup
Subject: [AWA Group] April 1

https://groups.yahoo.com/neo/groups/AWAGroup/info

9428. Re: [AWA Group] April 1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-01 12:22:29 UTC
From: Louis Vermond
Topic: 9425 Message: 9428

There are several of us...

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: 2014-04-01 8:01 AM
Subject: RE: [AWA Group] April 1

Aha, Lou at the mike -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Tuesday, April 01, 2014 6:41 AM
To: AWAGroup
Subject: [AWA Group] April 1

https://groups.yahoo.com/neo/groups/AWAGroup/info

9429. RE: [AWA Group] April 1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-01 12:39:38 UTC
From: Mike Feher
Topic: 9425 Message: 9429

Sorry - I only recognized you -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Tuesday, April 01, 2014 8:22 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] April 1

There are several of us...

----- Original Message -----

From: Mike Feher <mailto:n4fs@...>

To: AWAGroup@yahoogroups.com

Sent: 2014-04-01 8:01 AM

Subject: RE: [AWA Group] April 1

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Mike B. Feher, N4FS

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https://groups.yahoo.com/neo/groups/AWAGroup/info

9430. Re: [AWA Group] April 1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-01 15:30:26 UTC
From: Roger Kuchera
Topic: 9425 Message: 9430

Lou, I hardly recognized you with the new do!

Roger.

From: Mike Feher <n4fs@...>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, April 1, 2014 8:01 AM
Subject: RE: [AWA Group] April 1

Aha, Lou at the mike -

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

From:AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Tuesday, April 01, 2014 6:41 AM
To: AWAGroup
Subject: [AWA Group] April 1

https://groups.yahoo.com/neo/groups/AWAGroup/info

9431. Re: [AWA Group] Trouble with a regen project...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-01 17:13:29 UTC
From: Leonard Meek
Topic: 9394 Message: 9431

Good to remember.

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: Tuesday, April 01, 2014 1:57 AM
Subject: RE: [AWA Group] Trouble with a regen project...

Louis –

One does need to be careful when using RF chokes and especially if placing them in series. Even audio ones. One becomes an issue due to construction and it has to be remembered that chokes of any sort have a self-resonance due to the distributed capacitance within. It is not desirable to use a choke whose resonance is in the band of interest. Self-resonance needs to be much higher than the frequency of use. Above resonance the choke acts like a capacitor. 73 – Mike

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From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Poli, Louis (US SSA)
Sent: Tuesday, April 01, 2014 1:44 AM
To: 'AWAGroup@yahoogroups.com'
Subject: Re: [AWA Group] Trouble with a regen project...

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That radio circuit was very close to this design.

Speakers were expensive, and very different than the ones we use.

Regards,
Louis N3OL

From: Ron Barlow [mailto:imalowfer@...]
Sent: Monday, March 31, 2014 09:33 PM
To: AWAGroup@yahoogroups.com <AWAGroup@yahoogroups.com>
Subject: Re: [AWA Group] Trouble with a regen project.

Hi Robert,
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On Sun, 3/30/14, Regen <regen@...> wrote:

Subject: [AWA Group] Trouble with a regen project.
To: "Regen" <regenrx@yahoogroups.com>
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circuit. I can not get anything in the way of a signal. How
critical is the construction of the coil? The other problem
is if I turn the regen control to minimum it shorts the
power supply to ground. Is this a faulty pot? the schematic
is in a folder titled KG4KGL

Tnx

Robert

KG4KGL

9432. Re: [AWA Group] Trouble with a regen project...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-02 15:56:15 UTC
From: Robert S Jenkins
Topic: 9394 Message: 9432

Regen progress report: last night I looked over the circuit. The pot is wired correctly, but it is now defective. It is a new one but I do not think it is properly rated for this particular circuit. I did see where I had a wiring error involving the transformer for the phones. Until the pot gave out, I was hearing static. I was not able to tune any stations in. I think I have to many turns in the tuning coil (there are 20t, 1.25" dia form).

Robert
KG4KGL

9433. RE: [AWA Group] Trouble with a regen project...an experiment to test the choke

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-02 21:48:56 UTC
From: Poli, Louis (US SSA)
Topic: 9433 Message: 9433

Mike;

I have an experiment at the bottom of the write-up.
Let me know what you think of the setup, and I invite others comments as well.

Mike has noted a good point, and this one is easy to miss.
I don't know the answer presently for this audio part.
Crossing over the slippery slope where the distributed capacitance now competes with your coil, has unexpectedly ruined the day for many designs. God has forsaken the designer.

For those unfamiliar with this issue; the inductor (a choke is a 1920's term for an inductor that is set up to "choke off" some frequencies, while letting others through) has a type of math representation that looks, for discussion sake, like a curve that is rising upwards.
But like most things in nature, and to again oversimplify for discussion sake, it has a mirror.

That mirror image is the capacitor.
A capacitance is simplistically, a curve going in the other direction.
Resonance, is the place where inductance cancels capacitance, and if you set it up in a particular way, the signal you want becomes strongest here.
This is where we want them, and is why and how we are able to "tune in" a radio station.

Resonance is mathematically a violent place; where the inductance curve runs quickly upwards to infinity. Then as the frequency is further increased, it reverses direction at one single frequency point (resonance) and dives down from infinity to look normal again.
It can be interpreted that this downward moving curve is capacitance.

Now if you are unfortunate enough to choose a choke coil whose value encourages a reversal to occur (a resonance frequency) where you don't want one, and wish to operate, then you now have exactly the opposite of what you want this part to do.
It now stops helping, but starts looking like a capacitor and becomes a hindrance.

Of course, there will always be a reversal someplace.
The idea is to make sure that it doesn't happen where your radio is tuning.

In the real world, any physical length of wire, anything, is an inductor; and any wire that comes relatively near to another wire creates capacitance. These values are usually so small (we call them distributed and parasitic) that the reversal happens at some very high frequency, well away from where you are looking for stations.

But as Mike points out, how do you know that in this huge part with so much wire running next to so much of itself, over and over; there will not be a resonance where you don't want one.

The answer is that you don't know; without analyzing.

For this part, analysis is quite difficult because you need to make guesses.
In the real world, where it will actually work, we sweep it across all frequencies, with the proper test equipment, to show there is indeed nothing nearby.
Now let me say that my gut feeling is that in this case, the odds are well with us, because the radio band is quite low, and parasitic values should put the reversal quite high up.
But like I said, the “odds” are with us, and nothing more.
And for completeness, it should be said that this radio is so primitive that resonances should not be of any consequence.

Now, it’s about time we had some fun with this project.
Let’s sweep this beast in the real world; and see if there is anything.

Mike;
I will let the secondary remain open circuit/unconnected.
I will short the primary together, and we sweep the primary in frequency.
This is reasonable since the secondary is unused and open in our radio.

Now actually, I will add two small turns of wire and short the primary through this.
This is such a small departure, that it is invisible.
We need it, so that the test equipment can see what is going on, but not interfere.

For those interested, we are going to use a RIGOL “Spectrum Analyzer with Tracking Generator”.
Google the type DSA 800 series, and this is the DSA 815 TG.
These things are basically a powerful receiver that visually shows you what signals it sees, and from different perspectives.
An often indispensable instrument for really serious radio work.

Let me say that they are not free either.
And I must thank my wife, for consenting to my finally buying one.

73’s,Louis N3OL

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Leonard Meek
Sent: Tuesday, April 01, 2014 1:13 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Trouble with a regen project...

☐
Good to remember.

----- Original Message -----
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To: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
Sent: Tuesday, April 01, 2014 1:57 AM
Subject: RE: [AWA Group] Trouble with a regen project...

Louis –

One does need to be careful when using RF chokes and especially if placing them in series. Even audio ones. One becomes an issue due to construction and it has to be remembered that chokes of any sort have a self-resonance due to the distributed capacitance within. It is not desirable to use a choke whose resonance is in the band of interest. Self-resonance needs to be much higher than the frequency of use. Above resonance the choke acts like a

capacitor. 73 – Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

From: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
[mailto:AWAGroup@yahoogroups.com] On Behalf Of Poli, Louis (US SSA)
Sent: Tuesday, April 01, 2014 1:44 AM
To: 'AWAGroup@yahoogroups.com'
Subject: Re: [AWA Group] Trouble with a regen project...

Ron;
Thanks for the guidance.
I would like to build upon your points further.

An ohmmeter is a must, and very cheap.
Actually they call them multimeters.

These have different scales; so you can measure ohms, volts, amps, etc. There is a harbor freight store near me.

They have multimeters for 6 dollars.
During a very good dollar sale in January, they were $3. each.

I bought 6 and commited them to watch voltage and current on some projects of mine.

I checked these very inexpensive units against a good wavetech multimeter; and they agreed closely.
Radio shack and Sears have meters too; a bit more expensive.

Now in reference to the choke; we remember that any coil is an inductor.
With a subclass of them known as RF chokes.

Since you are using a transformer to work with the earphones.
You can do other things as well, if you have more of them.

I just measured four speaker audio transformers that I pulled out presently from the junk box.

I read the inductance of the primary. Keep the secondary unconnected.

The numbers were 1.3, 1.7, 2.3, and 3.5 Henrys.

So the typical loud speaker transformer will have a few thousand millihenrys of inductance, and can be used as big chokes.

Also; the interconnection from the first half of the 6SN7(regen tube), to the second half of the tube; (typically running as a small audio amplifier), is typically via a large inductor.

Audio voltage appears across this inductor, and is amplified.

This transformer type is often designated to be as large as possible.

They often quote 8 to 10 Henrys. However these numbers are just guide lines.
This radio will work on less than one Henry.

Now on the rf choke needed to isolate the DC line from the RF. These big chokes will do fine there too.

If you have a number of small value chokes, you can add their values together.
Remember that inductors add like resistors, meaning, just connect them in series.

Capacitors do not add this way. They add their values together when they are connected together in parallel.

On the headphones; you can leave them out entirely.

If you are using a speaker transformer to match the tube plate to the headphones; then just use them as they were intended; to drive a speaker.

Do we have the power to drive a speaker.
More than enough, and I have done this in the regen 6SN7 based radios I have built.

Then why the earphones?

In some ways historical.
The old tubes were much poorer amplifiers, with less power output.
My two 6SN7 based regens were from the one tube regen article in the 1955 arrl handbook.
That radio circuit was very close to this design.

Speakers were expensive, and very different than the ones we use.

Regards,
Louis N3OL

From: Ron Barlow [mailto:imalowfer@yahoo.com]
Sent: Monday, March 31, 2014 09:33 PM
To: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
<AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>>
Subject: Re: [AWA Group] Trouble with a regen project.

Hi Robert,
I suspect that the connection, to the wiper terminal of the pot, may have been reversed with the connection to the B+ end of the pot. Check carefully. Some old pots have a terminal configuration, that can be confusing.
Or, there may be a short circuit (solder bridge?), between the B+ end of the pot, and the wiper connection.

Do you have an ohm meter??

I understand that you are using a transformer, between the audio amp & the phones. Good plan, imho. In addition to the possible shock hazard, I have read that the DC plate current, thru the phones, can gradually degrade the magnet, in the headphones, causing a loss of sensitivity.

73 de Ron n4gjv

On Sun, 3/30/14, Regen <regen@kg4kgl.net<mailto:regen@kg4kgl.net>> wrote:

Subject: [AWA Group] Trouble with a regen project.
To: "Regen" <regenrx@yahoogroups.com<mailto:regenrx@yahoogroups.com>>
Date: Sunday, March 30, 2014, 5:16 PM

Hello all,

I am attempting to build a regen based on the twinplex
circuit. I can not get anything in the way of a signal. How
critical is the construction of the coil? The other problem
is if I turn the regen control to minimum it shorts the
power supply to ground. Is this a faulty pot? the schematic
is in a folder titled KG4KGL

Tnx

Robert

KG4KGL

9434. RE: [AWA Group] Trouble with a regen project.....but do not despair

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-02 22:43:28 UTC
From: Poli, Louis (US SSA)
Topic: 9434 Message: 9434
Attachments: 5 described; binary payloads are missing from this source WARC

Robert;

One combination I remember is about 140 turns on a toilet tissue or Scott towel roll.
This, when connected to the very typical 365 pf variable capacitor which I think you are using should bring it into the am band.

This is the capacitor that you see in almost every tube AM/FM radio you will find.
Once we get this thing to play in the AM band, then all else is easy.

Now disconnect the antenna completely, and move the wire away from the regen.
Also remember that this is a primitive radio. And one of its issues is that it is influenced by many things around it.
The antenna attached to the radio will change the frequency and also perhaps take enough power from the radio to stop regeneration. So we eliminate this part.

Put the radio in regeneration now, so that it hisses in your earphones.
You will know this when the radio suddenly jumps from a little hiss to a heavy rushing noise and/or squeal.
It is a fine point, and you cannot miss it, if, it is regenerating

These radios also make the devils' own noise.
It will create jamming interference at the frequency you have it tuned to.

Bring an AM radio nearby, and tune your regen radio variable capacitor until you hear a strong rushing noise in the am radio.
Tune the capacitor over its whole range to find this.
The noise will probably knock off the station that may be playing on the am radio.
If you don't hear the jamming noise in the AM radio band somewhere; then you are not in the AM band, or it is still not regenerating (oscillating). Alternatively, you can tune the AM radio until you bump into the regen receiver frequency, but I do not find this method convenient.

Now keep in mind that it is possible that as you are tuning the variable capacitor over its range, you may run into spots where the radio stops regenerating.
Always look out for this.

Raise the regeneration control further until you are sure it is regenerating (oscillating) again.

Also be aware that chances are that the nearness of your hand to the capacitor as you are tuning it will affect it.
I mean that if you tune it, and then move your hand away, the frequency will move a little.
Your hand is a good capacitor and you become part of the tuned circuit. It is just an annoyance.

Now I have added the attached jpegs of my own radio which is probably a very close duplicate of yours.
Your radio has to look much better than this one.

I listen to Cuba, China, and BBC every time I am in my shop building some other radio.
I find this more fun than the others.

I presently have had to add them as jpg attachments to the email.
Let me know I you can see them.

Louis N3OL

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Robert S Jenkins
Sent: Wednesday, April 02, 2014 11:56 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Trouble with a regen project...

Regen progress report: last night I looked over the circuit. The pot is wired correctly, but it is now defective. It is a new one but I do not think it is properly rated for this particular circuit. I did see where I had a wiring error involving the transformer for the phones. Until the pot gave out, I was hearing static. I was not able to tune any stations in. I think I have to many turns in the tuning coil (there are 20t, 1.25" dia form).

Robert
KG4KGL

9435. Re: [AWA Group] Trouble with a regen project.....but do not despair [5 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-03 02:24:30 UTC
From: Robert S Jenkins
Topic: 9435 Message: 9435
Attachments: 2 described; binary payloads are missing from this source WARC

Hello Louis,

I will give that a go. Here is my regen. I built it in an Eico RF signal generator.

> On Apr 2, 2014, at 18:43, "Poli, Louis (US SSA)" <louis.poli@...> wrote:
>
> Robert;
>
>
>
> One combination I remember is about 140 turns on a toilet tissue or Scott towel roll.
>
> This, when connected to the very typical 365 pf variable capacitor which I think you are using should bring it into the am band.
>
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> This is the capacitor that you see in almost every tube AM/FM radio you will find.
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> Once we get this thing to play in the AM band, then all else is easy.
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> Now disconnect the antenna completely, and move the wire away from the regen.
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> Also remember that this is a primitive radio. And one of its issues is that it is influenced by many things around it.
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> The antenna attached to the radio will change the frequency and also perhaps take enough power from the radio to stop regeneration. So we eliminate this part.
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> These radios also make the devils’ own noise.

>
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> Tune the capacitor over its whole range to find this.
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> The noise will probably knock off the station that may be playing on the am radio.
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> If you don’t hear the jamming noise in the AM radio band somewhere; then you are not in the AM band, or it is still not regenerating (oscillating). Alternatively, you can tune the AM radio until you bump into the regen receiver frequency, but I do not find this method convenient.
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> Now keep in mind that it is possible that as you are tuning the variable capacitor over its range, you may run into spots where the radio stops regenerating.
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> Always look out for this.
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> Also be aware that chances are that the nearness of your hand to the capacitor as you are tuning it will affect it.
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> I mean that if you tune it, and then move your hand away, the frequency will move a little.
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> Your radio has to look much better than this one.
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> Louis N3OL
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>
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> Reply via web post Reply to sender Reply to group Start a New Topic

9436. RE: [AWA Group] Trouble with a regen project...an experiment to test the choke

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-03 13:46:43 UTC
From: Mike Feher
Topic: 9433 Message: 9436

Louis –

With an inductor, the distributed capacitance make is a parallel tuned circuit. At resonance, ideally it has infinite impedance. Real easy to test for with a signal generator and a scope or an RF voltmeter. If placed in series it will act as a zero of transmission and in parallel with a circuit it will be a pole. So, depending how one hooks it up, self-resonance can be easily found by either looking for a null or a peak while manually tuning the signal generator. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Poli, Louis (US SSA)
Sent: Wednesday, April 02, 2014 5:49 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Trouble with a regen project...an experiment to test the choke

Mike;

I have an experiment at the bottom of the write-up.

Let me know what you think of the setup, and I invite others comments as well.

Mike has noted a good point, and this one is easy to miss.

I don’t know the answer presently for this audio part.

Crossing over the slippery slope where the distributed capacitance now competes with your coil, has unexpectedly ruined the day for many designs. God has forsaken the designer.

For those unfamiliar with this issue; the inductor (a choke is a 1920’s term for an inductor that is set up to “choke off” some frequencies, while letting others through) has a type of math representation that looks, for discussion sake, like a curve that is rising upwards.

But like most things in nature, and to again oversimplify for discussion sake, it has a mirror.

That mirror image is the capacitor.

A capacitance is simplistically, a curve going in the other direction.

Resonance, is the place where inductance cancels capacitance, and if you set it up in a particular way, the signal you want becomes strongest here.

This is where we want them, and is why and how we are able to “tune in” a radio station.

Resonance is mathematically a violent place; where the inductance curve runs quickly upwards to infinity. Then as the frequency is further increased, it reverses direction at one single frequency point (resonance) and dives down from infinity to look normal again.

It can be interpreted that this downward moving curve is capacitance.

Now if you are unfortunate enough to choose a choke coil whose value encourages a reversal to occur (a resonance frequency) where you don’t want one, and wish to operate, then you now have exactly the opposite of what you want this part to do.

It now stops helping, but starts looking like a capacitor and becomes a hindrance.

Of course, there will always be a reversal someplace.

The idea is to make sure that it doesn’t happen where your radio is tuning.

In the real world, any physical length of wire, anything, is an inductor; and any wire that comes relatively near to another wire creates capacitance. These values are usually so small (we call them distributed and parasitic) that the reversal happens at some very high frequency, well away from where you are looking for stations.

But as Mike points out, how do you know that in this huge part with so much wire running next to so much of itself, over and over; there will not be a resonance where you don’t want one.

The answer is that you don’t know; without analyzing.

For this part, analysis is quite difficult because you need to make guesses.

In the real world, where it will actually work, we sweep it across all frequencies, with the proper test equipment, to show there is indeed nothing nearby.

Now let me say that my gut feeling is that in this case, the odds are well with us, because the radio band is quite low, and parasitic values should put the reversal quite high up.

But like I said, the “odds” are with us, and nothing more.

And for completeness, it should be said that this radio is so primitive that resonances should not be of any consequence.

Now, it’s about time we had some fun with this project.

Let’s sweep this beast in the real world; and see if there is anything.

Mike;

I will let the secondary remain open circuit/unconnected.

I will short the primary together, and we sweep the primary in frequency.

This is reasonable since the secondary is unused and open in our radio.

Now actually, I will add two small turns of wire and short the primary through this.

This is such a small departure, that it is invisible.

We need it, so that the test equipment can see what is going on, but not interfere.

For those interested, we are going to use a RIGOL “Spectrum Analyzer with Tracking Generator”.

Google the type DSA 800 series, and this is the DSA 815 TG.

These things are basically a powerful receiver that visually shows you what signals it sees, and from different perspectives.

An often indispensable instrument for really serious radio work.

Let me say that they are not free either.

And I must thank my wife, for consenting to my finally buying one.

73’s,Louis N3OL

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Leonard Meek
Sent: Tuesday, April 01, 2014 1:13 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Trouble with a regen project...

☐

Good to remember.

----- Original Message -----

From: Mike Feher <mailto:n4fs@...>

To: AWAGroup@yahoogroups.com

Sent: Tuesday, April 01, 2014 1:57 AM

Subject: RE: [AWA Group] Trouble with a regen project...

Louis –

One does need to be careful when using RF chokes and especially if placing them in series. Even audio ones. One becomes an issue due to construction and it has to be remembered that chokes of any sort have a self-resonance due to the distributed capacitance within. It is not desirable to use a choke whose resonance is in the band of interest. Self-resonance needs to be much higher than the frequency of use. Above resonance the choke acts like a capacitor. 73 – Mike

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732-886-5960

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Sent: Tuesday, April 01, 2014 1:44 AM
To: 'AWAGroup@yahoogroups.com'
Subject: Re: [AWA Group] Trouble with a regen project...

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Actually they call them multimeters.

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Tnx

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9437. RE: [AWA Group] .....an experiment to test the choke...setup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-03 17:42:28 UTC
From: Poli, Louis (US SSA)
Topic: 9437 Message: 9437

Mike;

Nice.

This method will not be as quantitative as using the tracking generator.
And where I have the benefit of calibrating and leveling everything out of the system except the inductor. I miss nothing.
But that kind of measurement power is not necessary get a reasonable yes/no over the band of interest.

I'll set up the parallel circuit and look for the pole; an easier circuit to deal with.
The price; is that the input output ports need to see high impedances; so as not to degrade the Q further, as it may be already poor (maybe).
And if already poor, I may miss the resonance.

The scope and RF voltmeter probes will offer a high impedance.
The 50 ohm signal generator will not.

What series resistance would you recommend at the sig gen port, to avoid influencing the Q.

Off hand, I recommend approx. 20 K, which is good enough to disengage the 50 ohm equipment when testing the old IF cans at 455 KHz.
But they have sharp peaks to begin with.

Also, varying the sig-gen output from 1 MHz to 30 should cover the possibilities.

Does this BW work for you.

73s

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Mike Feher
Sent: Thursday, April 03, 2014 9:47 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Trouble with a regen project...an experiment to test the choke

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73’s,Louis N3OL

From: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
[mailto:AWAGroup@yahoogroups.com] On Behalf Of Leonard Meek
Sent: Tuesday, April 01, 2014 1:13 PM
To: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
Subject: Re: [AWA Group] Trouble with a regen project...

☐
Good to remember.

----- Original Message -----
From: Mike Feher<mailto:n4fs@eozinc.com>
To: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
Sent: Tuesday, April 01, 2014 1:57 AM
Subject: RE: [AWA Group] Trouble with a regen project...

Louis –

One does need to be careful when using RF chokes and especially if placing them in series. Even audio ones. One becomes an issue due to construction and it has to be remembered that chokes of any sort have a self-resonance due to the distributed capacitance within. It is not desirable to use a choke whose resonance is in the band of interest. Self-resonance

needs to be much higher than the frequency of use. Above resonance the choke acts like a capacitor. 73 – Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

From: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
[mailto:AWAGroup@yahoogroups.com] On Behalf Of Poli, Louis (US SSA)
Sent: Tuesday, April 01, 2014 1:44 AM
To: 'AWAGroup@yahoogroups.com'
Subject: Re: [AWA Group] Trouble with a regen project...

Ron;
Thanks for the guidance.
I would like to build upon your points further.

An ohmmeter is a must, and very cheap.
Actually they call them multimeters.

These have different scales; so you can measure ohms, volts, amps, etc. There is a harbor freight store near me.

They have multimeters for 6 dollars.
During a very good dollar sale in January, they were $3. each.

I bought 6 and commited them to watch voltage and current on some projects of mine.

I checked these very inexpensive units against a good wavetech multimeter; and they agreed closely.
Radio shack and Sears have meters too; a bit more expensive.

Now in reference to the choke; we remember that any coil is an inductor.
With a subclass of them known as RF chokes.

Since you are using a transformer to work with the earphones.
You can do other things as well, if you have more of them.

I just measured four speaker audio transformers that I pulled out presently from the junk box.

I read the inductance of the primary. Keep the secondary unconnected.

The numbers were 1.3, 1.7, 2.3, and 3.5 Henrys.

So the typical loud speaker transformer will have a few thousand millihenrys of inductance, and can be used as big chokes.

Also; the interconnection from the first half of the 6SN7(regen tube), to the second half of the tube; (typically running as a small audio amplifier), is typically via a large inductor.

Audio voltage appears across this inductor, and is amplified.

This transformer type is often designated to be as large as possible.

They often quote 8 to 10 Henrys. However these numbers are just guide lines.
This radio will work on less than one Henry.

Now on the rf choke needed to isolate the DC line from the RF. These big chokes will do fine there too.

If you have a number of small value chokes, you can add their values together.
Remember that inductors add like resistors, meaning, just connect them in series.

Capacitors do not add this way. They add their values together when they are connected together in parallel.

On the headphones; you can leave them out entirely.

If you are using a speaker transformer to match the tube plate to the headphones; then just use them as they were intended; to drive a speaker.

Do we have the power to drive a speaker.
More than enough, and I have done this in the regen 6SN7 based radios I have built.

Then why the earphones?

In some ways historical.
The old tubes were much poorer amplifiers, with less power output.
My two 6SN7 based regens were from the one tube regen article in the 1955 arrl handbook.
That radio circuit was very close to this design.

Speakers were expensive, and very different than the ones we use.

Regards,
Louis N3OL

From: Ron Barlow [mailto:imalowfer@yahoo.com]
Sent: Monday, March 31, 2014 09:33 PM
To: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
<AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>>
Subject: Re: [AWA Group] Trouble with a regen project.

Hi Robert,
I suspect that the connection, to the wiper terminal of the pot, may have been reversed with the connection to the B+ end of the pot. Check carefully. Some old pots have a terminal configuration, that can be confusing.
Or, there may be a short circuit (solder bridge?), between the B+ end of the pot, and the wiper connection.

Do you have an ohm meter??

I understand that you are using a transformer, between the audio amp & the phones. Good plan, imho. In addition to the possible shock hazard, I have read that the DC plate current, thru the phones, can gradually degrade the magnet, in the headphones, causing a loss of sensitivity.

73 de Ron n4gjv

On Sun, 3/30/14, Regen <regen@kg4kgl.net<mailto:regen@kg4kgl.net>> wrote:

Subject: [AWA Group] Trouble with a regen project.
To: "Regen" <regenrx@yahoogroups.com<mailto:regenrx@yahoogroups.com>>
Date: Sunday, March 30, 2014, 5:16 PM

Hello all,

I am attempting to build a regen based on the twinplex
circuit. I can not get anything in the way of a signal. How
critical is the construction of the coil? The other problem
is if I turn the regen control to minimum it shorts the
power supply to ground. Is this a faulty pot? the schematic
is in a folder titled KG4KGL

Tnx

Robert

KG4KGL

9438. RE: [AWA Group] .....an experiment to test the choke...setup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-03 18:33:06 UTC
From: Mike Feher
Topic: 9437 Message: 9438

Louis –

I myself at this time have no interest in experimenting with this as I have done this many times in the past. Keep the DCR of the inductor in mind. If you are going to use the resonant circuit as a pole, then, you will essentially shunt that 20K series resistor to ground, and, greatly attenuate the sig gen output. Testing it as a zero is a lot easier as you can drive it with the low impedance of the sig gen and then terminate it with about 1K prior to the scope or meter. The frequency range of course is dependent on your use, and, may go down into audio as well. Also, typically, a null is easier to find than a peak.

As far as test equipment, I can do just about anything up to about 100 GHz. That includes both network and spectrum analysis. NF up to about 50 GHz and so on. Cannot even walk in my lab now, too much equipment, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

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From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Poli, Louis (US SSA)
Sent: Thursday, April 03, 2014 1:42 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] .....an experiment to test the choke...setup

Mike;

Nice.

This method will not be as quantitative as using the tracking generator.

And where I have the benefit of calibrating and leveling everything out of the system except the inductor. I miss nothing.

But that kind of measurement power is not necessary get a reasonable yes/no over the band of interest.

I’ll set up the parallel circuit and look for the pole; an easier circuit to deal with.

The price; is that the input output ports need to see high impedances; so as not to degrade the Q further, as it may be already poor (maybe).

And if already poor, I may miss the resonance.

The scope and RF voltmeter probes will offer a high impedance.

The 50 ohm signal generator will not.

What series resistance would you recommend at the sig gen port, to avoid influencing the Q.

Off hand, I recommend approx. 20 K, which is good enough to disengage the 50 ohm equipment when testing the old IF cans at 455 KHz.

But they have sharp peaks to begin with.

Also, varying the sig-gen output from 1 MHz to 30 should cover the possibilities.

Does this BW work for you.

73s

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Mike Feher
Sent: Thursday, April 03, 2014 9:47 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Trouble with a regen project...an experiment to test the choke

Louis –

With an inductor, the distributed capacitance make is a parallel tuned circuit. At resonance, ideally it has infinite impedance. Real easy to test for with a signal generator and a scope or an RF voltmeter. If placed in series it will act as a zero of transmission and in parallel with a circuit it will be a pole. So, depending how one hooks it up, self-resonance can be easily found by either looking for a null or a peak while manually tuning the signal generator. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

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From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Poli, Louis (US SSA)
Sent: Wednesday, April 02, 2014 5:49 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Trouble with a regen project...an experiment to test the choke

Mike;

I have an experiment at the bottom of the write-up.

Let me know what you think of the setup, and I invite others comments as well.

Mike has noted a good point, and this one is easy to miss.

I don’t know the answer presently for this audio part.

Crossing over the slippery slope where the distributed capacitance now competes with your coil, has unexpectedly ruined the day for many designs. God has forsaken the designer.

For those unfamiliar with this issue; the inductor (a choke is a 1920's term for an inductor that is set up to "choke off" some frequencies, while letting others through) has a type of math representation that looks, for discussion sake, like a curve that is rising upwards.

But like most things in nature, and to again oversimplify for discussion sake, it has a mirror.

That mirror image is the capacitor.

A capacitance is simplistically, a curve going in the other direction.

Resonance, is the place where inductance cancels capacitance, and if you set it up in a particular way, the signal you want becomes strongest here.

This is where we want them, and is why and how we are able to "tune in" a radio station.

Resonance is mathematically a violent place; where the inductance curve runs quickly upwards to infinity. Then as the frequency is further increased, it reverses direction at one single frequency point (resonance) and dives down from infinity to look normal again.

It can be interpreted that this downward moving curve is capacitance.

Now if you are unfortunate enough to choose a choke coil whose value encourages a reversal to occur (a resonance frequency) where you don't want one, and wish to operate, then you now have exactly the opposite of what you want this part to do.

It now stops helping, but starts looking like a capacitor and becomes a hindrance.

Of course, there will always be a reversal someplace.

The idea is to make sure that it doesn't happen where your radio is tuning.

In the real world, any physical length of wire, anything, is an inductor; and any wire that comes relatively near to another wire creates capacitance. These values are usually so small (we call them distributed and parasitic) that the reversal happens at some very high frequency, well away from where you are looking for stations.

But as Mike points out, how do you know that in this huge part with so much wire running next to so much of itself, over and over; there will not be a resonance where you don't want one.

The answer is that you don't know; without analyzing.

For this part, analysis is quite difficult because you need to make guesses.

In the real world, where it will actually work, we sweep it across all frequencies, with the proper test equipment, to show there is indeed nothing nearby.

Now let me say that my gut feeling is that in this case, the odds are well with us, because the radio band is quite low, and parasitic values should put the reversal quite high up.

But like I said, the "odds" are with us, and nothing more.

And for completeness, it should be said that this radio is so primitive that resonances should not be of any consequence.

Now, it’s about time we had some fun with this project.

Let’s sweep this beast in the real world; and see if there is anything.

Mike;

I will let the secondary remain open circuit/unconnected.

I will short the primary together, and we sweep the primary in frequency.

This is reasonable since the secondary is unused and open in our radio.

Now actually, I will add two small turns of wire and short the primary through this.

This is such a small departure, that it is invisible.

We need it, so that the test equipment can see what is going on, but not interfere.

For those interested, we are going to use a RIGOL “Spectrum Analyzer with Tracking Generator”.

Google the type DSA 800 series, and this is the DSA 815 TG.

These things are basically a powerful receiver that visually shows you what signals it sees, and from different perspectives.

An often indispensable instrument for really serious radio work.

Let me say that they are not free either.

And I must thank my wife, for consenting to my finally buying one.

73’s,Louis N3OL

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Sent: Tuesday, April 01, 2014 1:13 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Trouble with a regen project...

□

Good to remember.

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To: AWAGroup@yahoogroups.com

Sent: Tuesday, April 01, 2014 1:57 AM

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

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Regards,
Louis N3OL

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Sent: Monday, March 31, 2014 09:33 PM
To: AWAGroup@yahoogroups.com <AWAGroup@yahoogroups.com>
Subject: Re: [AWA Group] Trouble with a regen project.

Hi Robert,
I suspect that the connection, to the wiper terminal of the pot, may have been reversed with the connection to the B+ end of the pot. Check carefully. Some old pots have a terminal configuration, that can be confusing.
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Do you have an ohm meter??

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73 de Ron n4gjv

On Sun, 3/30/14, Regen <regen@...> wrote:

Subject: [AWA Group] Trouble with a regen project.
To: "Regen" <regenrx@yahoogroups.com>
Date: Sunday, March 30, 2014, 5:16 PM

Hello all,

I am attempting to build a regen based on the twinplex circuit. I can not get anything in the way of a signal. How critical is the construction of the coil? The other problem is if I turn the regen control to minimum it shorts the power supply to ground. Is this a faulty pot? the schematic is in a folder titled KG4KGL

Tnx

Robert

KG4KGL

9439. eBay Alert Mini Key

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-03 18:55:26 UTC
From: Louis Vermond
Topic: 9439 Message: 9439
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/Bunnell-6B-Baby-Telegraph-Key-tops-for-QRP-projects-/331167132959?pt=Vintage_Electronics_R2&hash=item4d1b196d1f#ht_171wt_1232

9440. Re: [AWA Group] eBay Alert Mini Key

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-03 19:55:08 UTC
From: Steve
Topic: 9439 Message: 9440

nice...might look good in a Paraset

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

9441. RE: [AWA Group] eBay Alert Mini Key

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-03 20:01:12 UTC
From: Mike Feher
Topic: 9439 Message: 9441
Attachments: 1 described; binary payloads are missing from this source WARC

That is a WE key that came off of a telephone test set. There are 4 keys on a test set. I doubt if they are made by Bunnell, and, they are definitely not 70 to 90 years old. I have several of these keys as they are real common, and, I also have one of the test sets. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Thursday, April 03, 2014 2:55 PM
To: AWAGroup
Subject: [AWA Group] eBay Alert Mini Key

http://www.ebay.com/itm/Bunnell-6B-Baby-Telegraph-Key-tops-for-QRP-projects-/331167132959?pt=Vintage_Electronics_R2
<http://www.ebay.com/itm/Bunnell-6B-Baby-Telegraph-Key-tops-for-QRP-projects-/331167132959?pt=Vintage_Electronics_R2&hash=item4d1b196d1f#ht_171wt_1232>
&hash=item4d1b196d1f#ht_171wt_1232

9442. Re: eBay Alert Mini Key

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-03 20:17:36 UTC
From: <w0vlz@...>
Topic: 9439 Message: 9442

Buy four for $45. See
http://www.ebay.com/itm/Western-Electric-35F-Test-Set-J94714B-/321354248530
Niel - W0VLZ

9443. RE: [AWA Group] Re: eBay Alert Mini Key

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-03 20:26:08 UTC
From: Mike Feher
Topic: 9439 Message: 9443

Yep, that is the one. $45 plus $40 shipping. Still cheaper. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of w0vlz@...
Sent: Thursday, April 03, 2014 4:18 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: eBay Alert Mini Key

Buy four for $45. See
http://www.ebay.com/itm/Western-Electric-35F-Test-Set-J94714B-/321354248530
Niel - W0VLZ

9444. RE: [AWA Group] .....an experiment to test the choke...setup..ready

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-03 21:07:35 UTC
From: Poli, Louis (US SSA)
Topic: 9444 Message: 9444

Hi Mike;
Nice Lab!
So let me assume that you do work at millimeter wave.
My condolences! Hi Hi.

I did some work at 54 and 94 some time ago, but I am happy to return to around the L band; which I swear looks like DC, compared to up there.

I must say though, that have always been fascinated by the radically different approaches that must be taken in that region, at least for what we did here.

Dielectric waveguides made of ruby; transitions that are almost not-seeable; and integrated GaAs diodes that yet have a flying structure, so that most of it remains in the air. Blessed amazing.
That is the stuff that I would like to have seen more of and continued research.

But the testing itself and getting results were so difficult to duplicate, and sometimes the data hard to believe.
Chasing these things down the rabbit hole, often took the fun out of it.
And maybe this is heresy, but I don't believe that the ADS simulators can be given enough good modeling data, and that's the problem, to give the level of goodness that people expect.

But on this transformer thing. I must disagree this time.
And I hope I have understood your response in the proper context.

I have measured resonances before, and if I have a choice (agreed that it is subjective), have always been more comfortable with the shunt 2 port circuit.

But you are right, indeed a zero is pretty blessed final; and a high impedance is arbitrary; as it always opens itself up to "how high" is adequate.
So I can't claim the better method, I just like the parallel circuit

Now the 20 K resistor will be, relatively, shunted to ground only when there is no resonance in the device. But the resonance condition is what we are looking for, so it is of no consequence.
Indeed it should never be an issue for this application, since the 20 K (when shunted to ground) compared to the low impedance source of 50 ohms can never load that source.
So the signal should remain at a level, slowly changing if at all.

But the series resistance of the inductor; I was so used to the very low resistance of the typical inductors I use, that I haven't given it a great deal of thought.
But the odds are with me, so we shall see.

A neat give-take discussion Mike; I don't get enough of them.
I'll check it out and see what it does.

Regards,
Louis N3OL

From: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
[mailto:AWAGroup@yahoogroups.com] On Behalf Of Mike Feher
Sent: Thursday, April 03, 2014 2:33 PM
To: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
Subject: RE: [AWA Group] .....an experiment to test the choke...setup

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9445. RE: [AWA Group] Trouble with a regen project.....but do not despair [5 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-03 23:17:51 UTC
From: Ron Barlow
Topic: 9435 Message: 9445

In response to a recent posting, that described a regen receiver as a beast that that howls, squeals, jumps into oscillation with a plop, and/or creates a broadband noise in another nearby receiver. IMO, this description applies to a regen rx, that is not performing correctly, and will not perform its intended function, well.
These symptoms indicate of a squegging detector (oscillation on MULTIPLE frequencies, instead of the desired single freq).
Such behavior is somewhat characteristic of a super regen detector, but not a well performing straight regen.

73 de Ron n4gjv

9446. RE: [AWA Group] Trouble with a regen project.....but do not despair

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-04 00:16:56 UTC
From: Steve Flood
Topic: 9435 Message: 9446

>jumps into oscillation with a plop

With my own (but limited) regen work I have found that the iconic 'plop' may also be a sign of less-than-ideal performance. With some careful work with voltages, feedback, and finer control over the regeneration (either pot or varicap), the transition into oscillation comes in not with a 'plop', but with a gradual change in the noise characteristic. Sensitivity can be quite astounding at the sweet spot *just* as the noise character begins to change.

Steve, KK7UV

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

9447. RE: [AWA Group] .....an experiment to test the choke...setup..ready

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-04 01:08:44 UTC
From: Mike Feher
Topic: 9444 Message: 9447

Louis –

The DCR of an RF choke is only a few tenths of an ohm, if that much. I realize that off of resonance Xl will be high, but, still feel that a lot of the RF will be shunted to ground with 20K from the generator in a shunted configuration. Let us know when you play with it, how it turns out. BTW, before I had all this test equipment about 30 or more years ago, when I built a filter, I always choose an Elliptic. They were real easy to tune up by just peaking the poles and nulling the zeroes. Sometimes I used a wideband noise source in place of the sig gen. Thanks & 73 – Mike

Mike B. Feher, N4FS

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Howell, NJ, 07731

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My condolences! Hi Hi.

I did some work at 54 and 94 some time ago, but I am happy to return to around the L band; which I swear looks like DC, compared to up there.

I must say though, that have always been fascinated by the radically different approaches that must be taken in that region, at least for what we did here.

Dielectric waveguides made of ruby; transitions that are almost not-seeable; and integrated GaAs diodes that yet have a flying structure, so that most of it remains in the air. Blessed amazing.

That is the stuff that I would like to have seen more of and continued research.

But the testing itself and getting results were so difficult to duplicate, and sometimes the data hard to believe.

Chasing these things down the rabbit hole, often took the fun out of it.

And maybe this is heresy, but I don’t believe that the ADS simulators can be given enough good modeling data, and that’s the problem, to give the level of goodness that people expect.

But on this transformer thing. I must disagree this time.

And I hope I have understood your response in the proper context.

I have measured resonances before, and if I have a choice (agreed that it is subjective), have always been more comfortable with the shunt 2 port circuit.

But you are right, indeed a zero is pretty blessed final; and a high impedance is arbitrary; as it always opens itself up to “how high” is adequate.

So I can’t claim the better method, I just like the parallel circuit

Now the 20 K resistor will be, relatively, shunted to ground only when there is no resonance in the device. But the resonance condition is what we are looking for, so it is of no consequence.

Indeed it should never be an issue for this application, since the 20 K (when shunted to ground) compared to the low impedance source of 50 ohms can never load that source.

So the signal should remain at a level, slowly changing if at all.

But the series resistance of the inductor; I was so used to the very low resistance of the typical inductors I use, that I haven’t given it a great deal of thought.

But the odds are with me, so we shall see.

A neat give-take discussion Mike; I don’t get enough of them.

I’ll check it out and see what it does.

Regards,

Louis N3OL

9448. Oscillator question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-04 18:38:50 UTC
From: Robert S Jenkins
Topic: 9448 Message: 9448

Today at lunch I was reading a Lindsey reprint of the 1936 Radio Handbook. In the section covering the different oscillator circuits. It said the TNT should be avoided by newcomers.

I thought that was the easiest to build and operate, unlike the TPTG where you have to tune both the plate and the grid. What is their reasoning for that statement?

Robert
KG4KGL

9449. Re: [AWA Group] Oscillator question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-04 18:50:47 UTC
From: Steve
Topic: 9448 Message: 9449

Robert - although component-thrifty compared with the TPTG, the TNT is a little trickier to optimize as the grid coil must be carefully tweaked for best efficiency, power output and note quality. I suspect it was popular because it could be built with a minimum part count. I agree that it is not the easiest design for a newcomer.

Steve / 73

> Today at lunch I was reading a Lindsey reprint of the 1936 Radio Handbook.
> In the section covering the different oscillator circuits. It said the TNT
> should be avoided by newcomers.
>
> I thought that was the easiest to build and operate, unlike the TPTG where
> you have to tune both the plate and the grid. What is their reasoning for
> that statement?
>
> Robert
> KG4KGL
>
> ------------------------------------
>
> Yahoo Groups Links
>
>
>

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

9450. Re: [AWA Group] Oscillator question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-04 19:20:28 UTC
From: Robert S Jenkins
Topic: 9448 Message: 9450

GA Steve,

That makes sense. Your explanation help me to remember a discussion on this list regarding the proper grid leak design.

Tnx,

Robert
KG4KGL

> On Apr 4, 2014, at 14:50, "Steve" <ve7sl@...> wrote:
>
> Robert - although component-thrifty compared with the TPTG, the TNT is a
> little trickier to optimize as the grid coil must be carefully tweaked for
> best efficiency, power output and note quality. I suspect it was popular
> because it could be built with a minimum part count. I agree that it is not
> the easiest design for a newcomer.
>
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>
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>

9451. Re: [AWA Group] Oscillator question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-04 20:05:34 UTC
From: Larry Szendrei
Topic: 9448 Message: 9451

Yep - but it's not THAT bad. The first transmitter I ever built was the TNT, in 1981.

Besides its simplicity, it was popular because there was one less control to deal with to put it on frequency: "single control," similar to the Hartley. (I guess they didn't count the loading breadslicer.)

73,
-Larry/NE1S

On 4/4/14 2:50 PM, Steve wrote:
>
> Robert - although component-thrifty compared with the TPTG, the TNT is a
> little trickier to optimize as the grid coil must be carefully tweaked
> for
> best efficiency, power output and note quality. I suspect it was popular
> because it could be built with a minimum part count. I agree that it
> is not
> the easiest design for a newcomer.
>
> Steve / 73
>
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> the TNT
> > should be avoided by newcomers.
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> > I thought that was the easiest to build and operate, unlike the TPTG
> where
> > you have to tune both the plate and the grid. What is their
> reasoning for
> > that statement?
> >
> > Robert
> > KG4KGL
> >
> > ------------------------------------
> >
>

9452. RE: [AWA Group] Oscillator question..a technical reason

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-04 20:33:40 UTC
From: Poli, Louis (US SSA)
Topic: 9452 Message: 9452

Robert;
Forgive the "war and peace" write-up length, but this may be the full reason.
It was technical, on why the TNT will never compete with the tptg, and so it got long, real fast.

I think my answer below may be on the mark; but I can't know for sure if this is what they were thinking of.

But very simply; I believe they were discouraging the use of this oscillator for potential new users, because it was falling out of technological favor.

Stability is the key, truly and absolutely.
Oscillator instability shows itself as drifting around the chosen frequency (for us).
The result was that two transmitters would have to be farther apart in frequency to avoid jamming each other.
So an unstable (relatively) transmitter would limit the number of users of the band, and artificially crowd it.

Now, an oscillator is a natural non-linear device.
Any nonlinear device generates noise, and instability (and other deeper parameters) contributes to this.

Not only does the noise artificially crowd the band; but mathematically (and not easy to see how, without the math) is that noise will appear everywhere, even on frequencies relatively far from the transmitter frequency.
So now everyone' receivers listening in much of the band will see more noise too, limiting their ability to receive weak signals.
This is true, even though the offending transmitter is not even close by in the band.

We call this a rising of the "noise floor".
Think of the noise floor as a swimming pool where a little splashing in a corner raises the entire water level a few feet and drowns everyone across the entire pool.

The tptg oscillator is argued as more complicated and more costly than the TNT.
So people would prefer to use the TNT, all things being equal.

But they are not equal.
The easiest to understand engineering reason for this, is this concept of L-C ratio (inductor-capacitor).
You can oscillate it at the same frequency with a large C and small L; or a large L and small C.
The combination must simply give resonance at the frequency you wish.

The tptg resonant circuits can run at relatively high C values, and so, use a lower L.
The TNT resonant circuit must use a lower value of C, by design, and so has a higher value of L to make it resonant at the same frequency.

Now, in the real world, an L will always be compromised and never be a perfect component, because it has inescapable DC and RF resistance (and some other deeper things).
The surface area of the wire used is limited to some practical value.

The more surface, the less resistance to the RF current.
RF flows on top of surfaces of the wire, and not through the wire.
A hollow pipe will conduct an RF current as well as a solid core one.

Now also in the real world, the capacitor C, can be fairly easily made to near perfection, because the DC and RF resistance in this device is almost absent. Two plates face each other, with no connection (other deeper reasons too).
Now the RF currents face very little resistance.

We can largely say that the so called "Q" of a coil-capacitor resonator is driven by the resistance in the circuit.
Let me simplify a bit a say that Q and better stability are directly related.

Then a high C circuit, with low L (high Q); will always be more stable than a low C circuit, with the required high L (low Q).
In the real world, the TNT cannot compete.

It is interesting to see that there is always; always, a price to pay.
The simpler cheaper circuit cannot compete in the important area.

Louis N3OL

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Robert S Jenkins
Sent: Friday, April 04, 2014 2:39 PM
To: AWA
Subject: [AWA Group] Oscillator question

Today at lunch I was reading a Lindsey reprint of the 1936 Radio Handbook. In the section covering the different oscillator circuits. It said the TNT should be avoided by newcomers.

I thought that was the easiest to build and operate, unlike the TPTG where you have to tune both the plate and the grid. What is their reasoning for that statement?

Robert
KG4KGL

9453. Oscillator question... a technical reason

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-04 22:38:06 UTC
From: Louis Vermond
Topic: 9453 Message: 9453

Then a high C circuit, with low L (high Q); will always be more stable than a low C circuit, with the required high L (low Q). In the real world, the TNT cannot compete.

Yes, Louis, but isn't the TNT's tank a hi-Q circuit? Lou

9454. Re: [AWA Group] Oscillator question... a technical reason

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-04 23:34:27 UTC
From: Larry Szendrei
Topic: 9453 Message: 9454

On 4/4/14 6:38 PM, Louis Vermond wrote:
>
> _Then a high C circuit, with low L (high Q); will always be more
> stable than a low C circuit,_ with the required high L (low Q). In the
> real world, _the TNT cannot compete. _
>
> Yes, Louis, but isn't the TNT's tank a hi-Q circuit? Lou
> _
The plate tank is; the grid tank is not. Therefore the plate tank "takes over" and sets the frequency.

However, I take exception to the statement that the "the TNT can't compete." It can compete very well among all the other oscillator-transmitters (so-called "self-excited" transmitters), such as the Hartley, Colpitts, TPTG, Meissner, etc.

73,
-Larry/NE1S

9455. Re: [AWA Group] Oscillator question... a technical reason

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-04 23:44:52 UTC
From: Louis Vermond
Topic: 9453 Message: 9455

The plate tank is; the grid tank is not. Therefore the plate tank "takes over" and sets the frequency. grid tank?? What about the grid tank? Again pse...

However, I take exception to the statement that the "the TNT can't compete." Amen, Brother, amen....

9456. Re: [AWA Group] Oscillator question... a technical reason

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-05 00:28:40 UTC
From: Larry Szendrei
Topic: 9453 Message: 9456

On 4/4/14 7:44 PM, Louis Vermond wrote:
>
>
> The plate tank is; the grid tank is not. Therefore the plate tank
> "takes over" and sets the frequency. grid tank?? What about the grid
> tank? Again pse...
>
The TNT grid tank circuit consists of the grid coil and the parasitic capacitances in the grid coil and the tubes. There is no discrete capacitor, but those smaller capacitances are there. Hi L, Lo C => low Q. Therefore the resonance is very broad, unlike the plate tank, which is hi C low L, which is therefore high in Q and tunes sharply.

-'1S

9457. Re: [AWA Group] Oscillator question... a technical reason

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-05 01:16:33 UTC
From: Poli, Louis (US SSA)
Topic: 9453 Message: 9457

Larry;
Regarding the note that the hartley, colpitts and such are not seen in these applications. Can you give me an example to put in context and think about.

Louis

From: Larry Szendrei [mailto:ne1s@securespeed.us]
Sent: Friday, April 04, 2014 07:34 PM
To: AWAGroup@yahoogroups.com <AWAGroup@yahoogroups.com>
Subject: Re: [AWA Group] Oscillator question... a technical reason

On 4/4/14 6:38 PM, Louis Vermond wrote:

Then a high C circuit, with low L (high Q); will always be more stable than a low C circuit, with the required high L (low Q). In the real world, the TNT cannot compete.
Yes, Louis, but isn't the TNT's tank a hi-Q circuit? Lou

–
The plate tank is; the grid tank is not. Therefore the plate tank "takes over" and sets the frequency.

However, I take exception to the statement that the "the TNT can't compete." It can compete very well among all the other oscillator-transmitters (so-called "self-excited" transmitters), such as the Hartley, Colpitts, TPTG, Meissner, etc.

73,
-Larry/NE1S

9458. Re: [AWA Group] Oscillator question... a technical reason

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-05 01:22:14 UTC
From: Louis Vermond
Topic: 9453 Message: 9458
Attachments: 1 described; binary payloads are missing from this source WARC

The TNT grid tank circuit consists of the grid coil and the parasitic capacitances in the grid coil and the tubes. There is no discrete capacitor, but those smaller capacitances are there. Hi L, Lo C => low Q. Therefore the resonance is very broad, unlike the plate tank, which is hi C low L, which is therefore high in Q and tunes sharply. -'1S

Thank you, Larry. The best description on this that I have read. A keeper...

I'm carrying on three concurrent Es this evening. Between them I re-read War and Peace (and nicely written too, Louis) and see that I had missed the plural, "circuits" and therefore my question.

The tptg resonant circuits can run at relatively high C values, and so, use a lower L.

This is a 20 mtr rig. Note the 1000mmfd. grid condenser.

9459. Re: [AWA Group] Oscillator question... a technical reason

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-05 01:51:54 UTC
From: Larry Szendrei
Topic: 9453 Message: 9459

Not sure what you mean, Louis.

I thought we were talking about LC power oscillator transmitters - as such, the Hartley and Colpitts were most definitely used and contemporaries of the TNT and TPTG, in the 1920s and early 1930s.

There is a classic QST article, by George Grammer W1DF IIRC, that compares all the circuits and basically concluded that if you build and operate them correctly, any one of them is as good as the other. If someone doesn't beat me to it, I'll find the reference.

73,
-Larry/NE1S

On 4/4/14 9:16 PM, Poli, Louis (US SSA) wrote:
>
> Larry;
> Regarding the note that the hartley, colpitts and such are not seen in
> these applications.
> Can you give me an example to put in context and think about.
>
> Louis
>
> *From*: Larry Szendrei [mailto:ne1s@...]
> *Sent*: Friday, April 04, 2014 07:34 PM
> *To*: AWAGroup@yahoogroups.com <AWAGroup@yahoogroups.com>
> *Subject*: Re: [AWA Group] Oscillator question... a technical reason
>
> On 4/4/14 6:38 PM, Louis Vermond wrote:
>>
>> _Then a high C circuit, with low L (high Q); will always be more
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>> the real world, _the TNT cannot compete. _
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>> Yes, Louis, but isn't the TNT's tank a hi-Q circuit? Lou
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> The plate tank is; the grid tank is not. Therefore the plate tank
> "takes over" and sets the frequency.
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> However, I take exception to the statement that the "the TNT can't
> compete." It can compete very well among all the other
> oscillator-transmitters (so-called "self-excited" transmitters), such
> as the Hartley, Colpitts, TPTG, Meissner, etc.
>
> 73,
> -Larry/NE1S

>

9460. Re: [AWA Group] Oscillator question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-05 02:22:51 UTC
From: Ron Barlow
Topic: 9448 Message: 9460

Hi Robert,
The TNT and TPTG are actually closely related cousins. Both must be adjusted/tuned, if optimum results are to be achieved.
The difference is that the grid tank circuit of the TNT is adjusted to (near) resonance only by the tube input capacitance, plus stray capacitances.
The TPTG uses a small value adjustable cap, in addition to the tube input capacitance + strays, that the TNT uses.
IMHO, the handbook statement was based on the concept that fine tuning the TPTG only requires that the capacitor shaft be rotated. The TNT is optimised by pruning the inductor (by adding or removing turns), to fine tune the grid tank circuit (this does not occur at exact resonance). The former would be more quickly and easily accomplished by those of us that are mere mortals.

I suspect that the lack of a conveniently adjusted grid circuit may have been more of a problem, back in the days of yore, when the CW activity was probably more spread out (frequency wise), than it is today?? A large QSY would require a readjustment, if optimum results were to be obtained, over the entire frequency range.
Note that a TPTG or TNT oscillator may function to some degree, with a less than optimum adjustment, but the quality of the note, and the plate conversion efficiency (output power vs dc input power) will not be optimum.
73 de Ron n4gjv

On Fri, 4/4/14, Robert S Jenkins <regen@...> wrote:

Subject: [AWA Group] Oscillator question
To: "AWA" <AWAGroup@yahoogroups.com>
Date: Friday, April 4, 2014, 11:38 AM

Today at lunch I was reading a Lindsey reprint of
the 1936 Radio Handbook. In the section covering the
different oscillator circuits. It said the TNT should be
avoided by newcomers.

I thought that was the easiest to build and operate, unlike
the TPTG where you have to tune both the plate and the grid.
What is their reasoning for that statement?

Robert

KG4KGL

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Topic

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9461. Re: [AWA Group] Oscillator question... a technical reason.....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-05 02:32:07 UTC
From: Poli, Louis (US SSA)
Topic: 9453 Message: 9461

As a sidebar, I am preparing a number of jpgs to put in an email soon.

I had promised Louis and I think Mike, some time ago that I would show some of the tubes that I have in my collection.

Now one of the pieces is a Pliotron tetrode.

The RCA Pliotron class are tubes that were used primarily as very high power oscillators. Kilowatt oscillator circuits for special use.

So it looks like that picture email of mine that I am crafting is going to be a timely addition to the conversation.

But now, yes my mistake, and I see that I was certainly unclear.

Yes the colpitts etc., are indeed used but an example of why the tnt may be said to be as good as they, would be helpful.

However, the QST article you cite seems to be just what is needed.
I have the qst library.
Can you point me to a year or thereabouts, and I'll find it quickly.

Louis

From: Larry Szendrei [mailto:ne1s@securespeed.us]
Sent: Friday, April 04, 2014 09:51 PM
To: AWAGroup@yahoogroups.com <AWAGroup@yahoogroups.com>
Subject: Re: [AWA Group] Oscillator question... a technical reason

Not sure what you mean, Louis.

I thought we were talking about LC power oscillator transmitters - as such, the Hartley and Colpitts were most definitely used and contemporaries of the TNT and TPTG, in the 1920s and early 1930s.

There is a classic QST article, by George Grammer W1DF IIRC, that compares all the circuits and basically concluded that if you build and operate them correctly, any one of them is as good as the other. If someone doesn't beat me to it, I'll find the reference.

73,
-Larry/NE1S

On 4/4/14 9:16 PM, Poli, Louis (US SSA) wrote:

Larry;
Regarding the note that the hartley, colpitts and such are not seen in these applications.
Can you give me an example to put in context and think about.

Louis

From: Larry Szendrei [mailto:ne1s@securespeed.us]
Sent: Friday, April 04, 2014 07:34 PM
To: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
<AWAGroup@yahoogroups.com><mailto:AWAGroup@yahoogroups.com>
Subject: Re: [AWA Group] Oscillator question... a technical reason

On 4/4/14 6:38 PM, Louis Vermond wrote:

Then a high C circuit, with low L (high Q); will always be more stable than a low C circuit, with the required high L (low Q). In the real world, the TNT cannot compete.
Yes, Louis, but isn't the TNT's tank a hi-Q circuit? Lou

–
The plate tank is; the grid tank is not. Therefore the plate tank "takes over" and sets the frequency.

However, I take exception to the statement that the "the TNT can't compete." It can compete very well among all the other oscillator-transmitters (so-called "self-excited" transmitters), such as the Hartley, Colpitts, TPTG, Meissner, etc.

73,
-Larry/NE1S

9462. Re: [AWA Group] Oscillator question... a technical reason.....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-05 17:19:44 UTC
From: Larry Szendrei
Topic: 9453 Message: 9462

Hi Louis (and list),

The article was by Hull and starts on page 9 of the August 1928 issue of QST, "Overhauling the Transmitter for 1929." He mentions the TPTG, Colpitts and Hartley oscllators as (so-called) "self-excited" transmitters. I don't believe he mentions the TNT, which of course is just the TPTG with a broadly-tuned grid tank. His conclusion on page 11 is "all standard self-excited circuits, irrespective of how carefully designed and built they may be, are equally and any time capable of producing truly wretched signals. And, conversely, that all such circuits, when correctly arranged and tuned, can be made to produce signals that are veritably above criticism."

Then he goes on to describe the construction of a Hartley transmitter using a single '10, the classic "Hull Hartley" that several on this list have built and used.

Happy reading and 73,
-Larry/NE1S

On 4/4/14 10:32 PM, Poli, Louis (US SSA) wrote:
>
>
> However, the QST article you cite seems to be just what is needed.
> I have the qst library.
> Can you point me to a year or thereabouts, and I'll find it quickly.
>
> Louis
>
> *From*: Larry Szendrei [mailto:ne1s@...]
> *Sent*: Friday, April 04, 2014 09:51 PM
> *To*: AWAGroup@yahoogroups.com <AWAGroup@yahoogroups.com>
> *Subject*: Re: [AWA Group] Oscillator question... a technical reason
>
> Not sure what you mean, Louis.
>
> I thought we were talking about LC power oscillator transmitters - as
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> If someone doesn't beat me to it, I'll find the reference.
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> -Larry/NE1S
>
>
>
> On 4/4/14 9:16 PM, Poli, Louis (US SSA) wrote:
>>
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>> Regarding the note that the hartley, colpitts and such are not seen
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>> Can you give me an example to put in context and think about.
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>> Louis
>>
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>> *Subject*: Re: [AWA Group] Oscillator question... a technical reason
>>
>> On 4/4/14 6:38 PM, Louis Vermond wrote:
>>>
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>> The plate tank is; the grid tank is not. Therefore the plate tank
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>>
>> However, I take exception to the statement that the "the TNT can't
>> compete." It can compete very well among all the other
>> oscillator-transmitters (so-called "self-excited" transmitters), such
>> as the Hartley, Colpitts, TPTG, Meissner, etc.
>>
>> 73,
>> -Larry/NE1S
>
>

9463. Re: Oscillator question - a technical reason

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-05 17:20:58 UTC
From: JAMES HANLON
Topic: 9463 Message: 9463

Guys,

I've always used a Hartley for my 1929-style transmitters because of the limited part count, so the only direct experience I have with TNTs is listening to them on the air. But I seriously doubt that the TNT or any of the other classic oscillator circuits produces "noise" beyond its oscillating frequency. I have certainly never heard any such noise from my Hartleys. That sounds like the kind of thing that a digitally synthesized oscillator would generate.

Does anyone else have any experience of this broadband noise?

Jim, W8KGI

9464. Titanic special event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-05 17:23:29 UTC
From: JAMES HANLON
Topic: 9464 Message: 9464

This may be of interest to some of the AWA folks. It came in from the "mabell" reflector.

Jim, W8KGI

Date: Sat, 5 Apr 2014 09:38:35 +0000
From: mabellhams@yahoogroups.com
To: mabellhams@yahoogroups.com
Subject: [mabellhams] Digest Number 402

This group is for amateur radio operator

This group is for amateur radio operator Group

1
Message

Digest #402

1

TITANIC Special Event in a week W0S and W4S

by
"JOHN F DRUM"
w4bxi@bellsouth.net

Message

1

TITANIC Special Event in a week W0S and W4S

Fri Apr 4, 2014 4:47 pm (PDT) . Posted by:

"JOHN F DRUM" w4bxi@...

Next week end includes Special Event Stations W4S and W0S

for the Titanic 102nd Anniversary.

W4S in Tenn; and W0S in Mo.

Here is a Titanic 2014 time and frequency summary

http://thebellringers.blogspot.com/

thanks to WA5MLF John, for this summary

and the Bell Ringers Web site

http://tparca.org/

click Bell Ringers

Additional info and special thanks to:

N0SAP, W0S, Sap, Bell Ringer #312 (see QRZ.com)

KC4RD, W4S, Jim, Bell Ringer #313

WA5MLF, Bell Ringer#17, Net Manager and Webmaster

"see you in the pileups"

W4BXI John

This distribution to

Mabellhams

BR3740

Coffee Club 3740

Reply to sender

.

Reply to group

.

Reply via Web Post

.

All Messages (1)

.

Top ^

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9465. Re: [AWA Group] Re: Oscillator question - a technical reason

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-05 17:45:09 UTC
From: Larry Szendrei
Topic: 9463 Message: 9465

Jim,

I concur. If not properly tuned and loaded these things can generate
broad signals for various reasons, but nothing I would classify as
"broadband noise." I suppose if you were to use a very loose definition...

73,
-Larry/NE1S

On 4/5/14 1:20 PM, JAMES HANLON wrote:
>
> Guys,
>
> I've always used a Hartley for my 1929-style transmitters because of
> the limited part count, so the only direct experience I have with TNTs
> is listening to them on the air. But I seriously doubt that the TNT
> or any of the other classic oscillator circuits produces "noise"
> beyond its oscillating frequency. I have certainly never heard any
> such noise from my Hartleys. That sounds like the kind of thing that
> a digitally synthesized oscillator would generate.
>
> Does anyone else have any experience of this broadband noise?
>
> Jim, W8KGI
> _

9466. Re: [AWA Group] Re: Oscillator question - a technical reason

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-05 18:04:11 UTC
From: Steve
Topic: 9463 Message: 9466

> but nothing I would classify as "broadband noise." I suppose if you were to use a very loose definition...

ditto here. I've found a well adjusted TNT to sound just as good as the (much easier to adjust) Hartley. I doubt that is the reason why newcomers were discouraged from builing them. Broadband noise was the least of their problems back then.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

9467. Re: [AWA Group] Re: Oscillator question - a technical reason

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-05 18:34:29 UTC
From: Louis Vermond
Topic: 9463 Message: 9467

"I've found a well adjusted TNT to sound just as good as the (much easier to adjust) Hartley."

Steve,

Walk us through the adjustment of both please...

Lou

9468. Re: [AWA Group] Oscillator question... a technical reason.....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-05 18:50:55 UTC
From: Poli, Louis (US SSA)
Topic: 9453 Message: 9468

The great Ross Hull.
I have to read this discussion.

Ross did a lot of writing for arrl, text books, and did much pioneering work in design.

Louis N3OL

From: Larry Szendrei [mailto:ne1s@securespeed.us]
Sent: Saturday, April 05, 2014 01:19 PM
To: AWAGroup@yahoogroups.com <AWAGroup@yahoogroups.com>
Subject: Re: [AWA Group] Oscillator question... a technical reason.....

Hi Louis (and list),

The article was by Hull and starts on page 9 of the August 1928 issue of QST, "Overhauling the Transmitter for 1929." He mentions the TPTG, Colpitts and Hartley oscllators as (so-called) "self-excited" transmitters. I don't believe he mentions the TNT, which of course is just the TPTG with a broadly-tuned grid tank. His conclusion on page 11 is "all standard self-excited circuits, irrespective of how carefully designed and built they may be, are equally and any time capable of producing truly wretched signals. And, conversely, that all such circuits, when correctly arranged and tuned, can be made to produce signals that are veritably above criticism."

Then he goes on to describe the construction of a Hartley transmitter using a single '10, the classic "Hull Hartley" that several on this list have built and used.

Happy reading and 73,
-Larry/NE1S

On 4/4/14 10:32 PM, Poli, Louis (US SSA) wrote:

However, the QST article you cite seems to be just what is needed.
I have the qst library.
Can you point me to a year or thereabouts, and I'll find it quickly.

Louis

From: Larry Szendrei [mailto:ne1s@securespeed.us]
Sent: Friday, April 04, 2014 09:51 PM
To: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
<AWAGroup@yahoogroups.com><mailto:AWAGroup@yahoogroups.com>
Subject: Re: [AWA Group] Oscillator question... a technical reason

Not sure what you mean, Louis.

I thought we were talking about LC power oscillator transmitters - as such, the Hartley and Colpitts were most definitely used and contemporaries of the TNT and TPTG, in the 1920s and early 1930s.

There is a classic QST article, by George Grammer W1DF IIRC, that compares all the circuits and basically concluded that if you build and operate them correctly, any one of them is as good as the other. If someone doesn't beat me to it, I'll find the reference.

73,
-Larry/NE1S

On 4/4/14 9:16 PM, Poli, Louis (US SSA) wrote:

Larry;
Regarding the note that the hartley, colpitts and such are not seen in these applications. Can you give me an example to put in context and think about.

Louis

From: Larry Szendrei [mailto:ne1s@securespeed.us]
Sent: Friday, April 04, 2014 07:34 PM
To: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
<AWAGroup@yahoogroups.com><mailto:AWAGroup@yahoogroups.com>
Subject: Re: [AWA Group] Oscillator question... a technical reason

On 4/4/14 6:38 PM, Louis Vermond wrote:

Then a high C circuit, with low L (high Q); will always be more stable than a low C circuit, with the required high L (low Q). In the real world, the TNT cannot compete.
Yes, Louis, but isn't the TNT's tank a hi-Q circuit? Lou

_
The plate tank is; the grid tank is not. Therefore the plate tank "takes over" and sets the frequency.

However, I take exception to the statement that the "the TNT can't compete." It can compete very well among all the other oscillator-transmitters (so-called "self-excited" transmitters), such as the Hartley, Colpitts, TPTG, Meissner, etc.

73,
-Larry/NE1S

9469. Re: [AWA Group] Re: Oscillator question - a technical reason

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-05 20:24:13 UTC
From: Steve
Topic: 9463 Message: 9469

>Walk us through the adjustment of both please...

For the TNT it's all here Lou, under 'Grid Circuit Optimization':

http://members.shaw.ca/ve7sl/tnt.html

As for the Hartley, it's just a matter of finding the correct tank tap point and not overcoupling the antenna.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

9470. New Feller

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-06 17:40:52 UTC
From: <mlslyker1@...>
Topic: 9470 Message: 9470
Attachments: 3 described; binary payloads are missing from this source WARC

Hello everyone

I am very happy that I found your group! My name is Mike and I have been WA8RVD since 1963. I love vintage radio and QRP. About a year ago I found a Pilot Super Wasp, got it working and decided that a transmitter was needed to go with it. Decided on a TNT and started my parts search. While searching e-bay I discovered an original p-p TNT complete with tubes but missing a couple of other parts. I have attached photos. And I now have all the parts to build the TNT I set out to build a year ago! Then I found this group! All of this is why I am so very happy!

73,

Mike

Sent from Windows Mail

9471. Re: [AWA Group] New Feller [3 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-06 18:30:56 UTC
From: Steve
Topic: 9471 Message: 9471

Welcome Mike!

It looks like you have the basis for a nice P-P TNT there. I look forward to working you in the winter '29 Bruce Kelley QSO Party.

Steve / VE7SL

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

9472. Re: [AWA Group] New Feller [3 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-06 20:26:25 UTC
From: Louis Vermond
Topic: 9471 Message: 9472

Hello Mike and welcome to the Group.

Your P-P TNT was certainty not a slap-dash job. A real find. Were they #45 that came with it?

73, Lou
VE3AWA

----- Original Message -----
From: mlslyker1@...
To: awagroup@yahoogroups.com
Sent: 2014-04-06 1:40 PM
Subject: [AWA Group] New Feller [3 Attachments]

Hello everyone
I am very happy that I found your group! My name is Mike and I have been WA8RVD since 1963. I love vintage radio and QRP. About a year ago I found a Pilot Super Wasp, got it working and decided that a transmitter was needed to go with it. Decided on a TNT and started my parts search. While searching e-bay I discovered an original p-p TNT complete with tubes but missing a couple of other parts. I have attached photos. And I now have all the parts to build the TNT I set out to build a year ago! Then I found this group! All of this is why I am so very happy!
73,
Mike

Sent from Windows Mail

9473. Re: [AWA Group] Re: Oscillator question - a technical reason

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-06 20:30:16 UTC
From: Louis Vermond
Topic: 9463 Message: 9473

Ah yes, tks for the reminder, Steve. Lou

For the TNT it's all here Lou, under 'Grid Circuit Optimization':

http://members.shaw.ca/ve7sl/tnt.html

9474. Re: [AWA Group] New Feller

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-06 20:41:24 UTC
From: Roger Kuchera
Topic: 9471 Message: 9474

Hi Mike,
     Welcome aboard! Good luck with the TNT. It looks like it needs a good restoration. Hint: Don't use steel wool on the copper. Use Brass wool or Fine Scotch Brite.

CUL, Roger/K1TG

_____
From: Louis Vermond <ldvermond@...>
To: AWAGroup@yahoogroups.com
Sent: Sunday, April 6, 2014 4:26 PM
Subject: Re: [AWA Group] New Feller

☐

Hello Mike and welcome to the Group.

Your P-P TNT was certainty not a slap-dash job. A real find. Were they #45 that came with it?

73, Lou
VE3AWA

----- Original Message -----
>From: mlslyker1@...
>To: awagroup@yahoogroups.com
>Sent: 2014-04-06 1:40 PM
>Subject: [AWA Group] New Feller [3 Attachments]
>
>
>Hello everyone
>   I am very happy that I found your group! My name is Mike and I have been WA8RVD since 1963. I love vintage radio and QRP. About a year ago I found a Pilot Super Wasp, got it working and decided that a transmitter was needed to go with it. Decided on a TNT and started my parts search. While searching e-bay I discovered an original p-p TNT complete with tubes but missing a couple of other parts. I have attached photos. And I now have all the parts to build the TNT I set out to build a year ago!   Then I found this group!   All of this is why I am so very happy!
>73,
>Mike
>
>
>
>Sent from Windows Mail
>
>
>

>
>

9475. Re: [AWA Group] New Feller

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-06 21:54:31 UTC
From: Louis Vermond
Topic: 9471 Message: 9475

Don't use steel wool on the copper. Not even 0000, Roger?

9476. Re: [AWA Group] New Feller

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-06 21:58:46 UTC
From: N1BUG
Topic: 9471 Message: 9476

Don't use steel wool on the copper. Not even 0000, Roger?

I was wondering about that comment too. I used 0000 steel wool on
all my TNT coils and thought they came out OK. ???

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

9477. Re: [AWA Group] New Feller [3 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-06 22:06:56 UTC
From: <mlslyker1@...>
Topic: 9471 Message: 9477

Hi Lou,
Yup - a pair of RCA 45's and they test OK.

9478. Re: [AWA Group] New Feller

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-06 22:08:41 UTC
From: <mlslyker1@...>
Topic: 9471 Message: 9478

Will I get more DX if I polish it? I found some vintage copper tubing to make antenna coils from.

9479. Re: [AWA Group] New Feller

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-06 22:09:17 UTC
From: Roger Kuchera
Topic: 9471 Message: 9479

Nope! No matter how careful you are there will be a residue of fine steel fibers. The Brass wool is somewhat more coarse and not a prone to shedding. The Scotch Brite comes in different grits and can be differentiated by color. If memory serves the white is the lightest and Purple is the most coarse. An old, well used kitchen Scotch Brite works well.

Roger.

From: Louis Vermond <ldvermond@...>
To: AWAGroup@yahoogroups.com
Sent: Sunday, April 6, 2014 5:54 PM
Subject: Re: [AWA Group] New Feller

□

Don't use steel wool on the copper. Not even
0000, Roger?

9480. Re: [AWA Group] New Feller

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-06 22:11:02 UTC
From: Roger Kuchera
Topic: 9471 Message: 9480

The shinier the coil, the more easily the RF slips off the coil and
up the wire (Kuchera's First Corollary). :) :)

R.

_____
From: "mlslyker1@..." <mlslyker1@...>
To: AWAGroup@yahoogroups.com
Sent: Sunday, April 6, 2014 6:08 PM
Subject: Re: [AWA Group] New Feller

Will I get more DX if I polish it? I found some vintage copper tubing to make antenna
coils from.

9481. Re: [AWA Group] New Feller

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-06 22:35:21 UTC
From: Louis Vermond
Topic: 9471 Message: 9481
Attachments: 1 described; binary payloads are missing from this source WARC

Will I get more DX if I polish it? I found some vintage copper tubing to make antenna coils from.

The shinier the coil, the more easily the RF slips off the coil and up the wire
Hi Mike, A pair of good 45s...FB.

Mike, when visiting this Group always best to be prepared. Lou

9482. Help needed with Adobe Reader images

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-06 22:36:50 UTC
From: Louis Vermond
Topic: 9482 Message: 9482
Attachments: 1 described; binary payloads are missing from this source WARC

I purchased a scan of a 1928 REL catalogue presented in an Adobe format. I do not have the Adobe program that allows me to lift the image out of Adobe for modification. Does anyone have the Adobe program that allows you to transfer from Adobe to, say, a Word file? I have 12 pages to be done.

Thank you, Lou

9483. Re: [AWA Group] New Feller

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-06 22:38:33 UTC
From: <mlslyker1@...>
Topic: 9471 Message: 9483

I read somewhere that they would clean the tarnish off their antenna regularly as well. (mine is almost low enough)

9484. Re: [AWA Group] New Feller

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-06 22:42:48 UTC
From: Louis Vermond
Topic: 9471 Message: 9484

Nope! No matter how careful you are there will be a residue of fine steel fibers. And here I thought I was tight aXXed over this stuff!!! Lou

9485. Re: [AWA Group] New Feller

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-06 22:43:39 UTC
From: Louis Vermond
Topic: 9471 Message: 9485

I found some vintage copper tubing to make antenna coils from. A purest...my kinda guy!

9486. Re: [AWA Group] Help needed with Adobe Reader images [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-06 22:44:49 UTC
From: Leonard Meek
Topic: 9486 Message: 9486

You could use "Print Screen" and then paste it in MS Paint.
----- Original Message -----
From: Louis Vermond
To: AWAGroup
Sent: Sunday, April 06, 2014 12:36 PM
Subject: [AWA Group] Help needed with Adobe Reader images [1 Attachment]

I purchased a scan of a 1928 REL catalogue presented in an Adobe format. I do not have the Adobe program that allows me to lift the image out of Adobe for modification. Does anyone have the Adobe program that allows you to transfer from Adobe to, say, a Word file? I have 12 pages to be done.

Thank you, Lou

9487. Re: [AWA Group] New Feller

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-06 22:51:33 UTC
From: Leonard Meek
Topic: 9471 Message: 9487

When polishing generator commutators we always used flint sand paper or brush stone because steel wool and carborundum would embed in the copper and either short the commutator bars or cause excessive wear on the brushes, or both. I've heard that antenna wires should be periodically polished with sand paper too.

Leonard

----- Original Message -----
From: Louis Vermond
To: AWAGroup@yahoogroups.com
Sent: Sunday, April 06, 2014 12:42 PM
Subject: Re: [AWA Group] New Feller

☐

Nope! No matter how careful you are there will be a residue of fine steel fibers. And here I thought I was tight aXXed over this stuff!!! Lou

9488. Re: [AWA Group] New Feller

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-06 22:52:23 UTC
From: Louis Vermond
Topic: 9471 Message: 9488

I read somewhere that they would clean the tarnish off their antenna regularly as well. (mine is almost low enough)

Due to coal smoke in the air...

9489. Re: [AWA Group] Help needed with Adobe Reader images

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-06 22:54:36 UTC
From: Louis Vermond
Topic: 9482 Message: 9489

Tks, Leonard, but I do not have MS Paint. Lou

----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com
Sent: 2014-04-06 6:44 PM
Subject: Re: [AWA Group] Help needed with Adobe Reader images

You could use "Print Screen" and then paste it in MS Paint.
----- Original Message -----
From: Louis Vermond
To: AWAGroup
Sent: Sunday, April 06, 2014 12:36 PM
Subject: [AWA Group] Help needed with Adobe Reader images [1 Attachment]

I purchased a scan of a 1928 REL catalogue presented in an Adobe format. I do not have the Adobe program that allows me to lift the image out of Adobe for modification. Does anyone have the Adobe program that allows you to transfer from Adobe to, say, a Word file? I have 12 pages to be done.

Thank you, Lou

9490. Re: [AWA Group] Help needed with Adobe Reader images

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-06 23:55:28 UTC
From: Leonard Meek
Topic: 9482 Message: 9490

I got Adobe free, although I haven't figured out how to use all the features yet. I know there's something called "Snapshot" in the Edit menu but I don't know how to use it. The "Help" file isn't much help either.

Leonard
----- Original Message -----
From: Louis Vermond
To: AWAGroup@yahoogroups.com
Sent: Sunday, April 06, 2014 12:54 PM
Subject: Re: [AWA Group] Help needed with Adobe Reader images

Tks, Leonard, but I do not have MS Paint. Lou

----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com
Sent: 2014-04-06 6:44 PM
Subject: Re: [AWA Group] Help needed with Adobe Reader images

You could use "Print Screen" and then paste it in MS Paint.
----- Original Message -----
From: Louis Vermond
To: AWAGroup
Sent: Sunday, April 06, 2014 12:36 PM
Subject: [AWA Group] Help needed with Adobe Reader images [1 Attachment]

I purchased a scan of a 1928 REL catalogue presented in an Adobe format. I do not have the Adobe program that allows me to lift the image out of Adobe for modification. Does anyone have the Adobe program that allows you to transfer from Adobe to, say, a Word file? I have 12 pages to be done.

Thank you, Lou

9491. Re: [AWA Group] Help needed with Adobe Reader images

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-07 00:53:51 UTC
From: Louis Vermond
Topic: 9482 Message: 9491

Thank you, Leonard

The "Help" file isn't much help either.Yes, I know. There is always print 'n scan, but the image quality suffers.

73, Lou

----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com
Sent: 2014-04-06 7:55 PM
Subject: Re: [AWA Group] Help needed with Adobe Reader images

I got Adobe free, although I haven't figured out how to use all the features yet. I know there's something called "Snapshot" in the Edit menu but I don't know how to use it. The "Help" file isn't much help either.

Leonard
----- Original Message -----
From: Louis Vermond
To: AWAGroup@yahoogroups.com
Sent: Sunday, April 06, 2014 12:54 PM
Subject: Re: [AWA Group] Help needed with Adobe Reader images

Tks, Leonard, but I do not have MS Paint. Lou

----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com
Sent: 2014-04-06 6:44 PM
Subject: Re: [AWA Group] Help needed with Adobe Reader images

You could use "Print Screen" and then paste it in MS Paint.
----- Original Message -----
From: Louis Vermond
To: AWAGroup
Sent: Sunday, April 06, 2014 12:36 PM
Subject: [AWA Group] Help needed with Adobe Reader images [1 Attachment]

I purchased a scan of a 1928 REL catalogue presented in an Adobe format. I do not have the Adobe program that allows me to lift the image out of Adobe for modification. Does anyone have the Adobe program that allows you to transfer from Adobe to, say, a Word file? I have 12 pages to be done.

Thank you, Lou

9492. Psst...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-07 01:20:13 UTC
From: Louis Vermond
Topic: 9492 Message: 9492

```
Time left to BK 2014
243 : 21 : 41 : 02
Day Hr Min Sec
```

9493. REL Cat.#215 Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-07 23:19:06 UTC
From: Louis Vermond
Topic: 9493 Message: 9493
Attachments: 16 described; binary payloads are missing from this source WARC

First images from the scan of REL's 19 page product line Booklet #50 with thanks in part to Alan Douglas and Garey, K4OAH.

73, Lou
VE3AWA

Harry, VE3GRO/AWA has had this 215 for years. I finally caught him at a moment of weakness.

For you Nervous Types, relax. This Hartley oscillator is not Low-C. See next photo...

.0002 mmfd.

9494. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-08 13:08:25 UTC
From: Louis Vermond
Topic: 130 Message: 9494

Some significant QST issues.

http://www.ebay.com/sch/harborjon/m.html?item=201069612173&ssPageName=ADME%3AB%3ASS%3AUS%3A1123&rt=nc&_trksid=p2047675.l2562

9495. RE: [AWA Group] Trouble with a regen.....It’s good t o be able to see the signal

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-08 18:29:24 UTC
From: Poli, Louis (US SSA)
Topic: 9495 Message: 9495

Ron;
As always, I appreciate any comments from our membership.
That’s why I signed up in September.

Maybe my words are overly strong (?).
It’s hard to get a flavor of something through an email.

I saw Steven’s email yesterday, where he commented that the rcvr is extremely sensitive.
Yes and I have actually been able to receive Europe (in good propagation conditions) in my basement without an antenna.

I drive these things hard.
This receiver is of course an oscillator, and the oscillation (by nature extremely non-linear) provides the means of detection and unfortunately, the severe side effect of powerful harmonics and intermods.

Unfortunately, and I do this too, even though I know it’s bad to some level; is to basically all use it as directly connected to the antenna.

The receiver is dirty, and without any design attempt to filter the harmonics and the like.
And connecting it to the antenna, without buffering it with something, like perhaps an RF amp before it (which is a favorite way of separating noisy stages from the antenna), puts the harmonics and intermods noise all over the place with little attenuation.

I can run 150 volts which is reasonable, to more than 300 volts on the plate of the 6sn7, to make it louder, etc.
Yes, the tube is now overheating and may not see a good service run, but that is ok.

Now actually I do run this thing very often in this high voltage condition.
But maybe this heavy power condition is making the transition to oscillation much more dramatic as well, and so the sounds, that I reported in the email.
Maybe; as I haven’t checked this out.

Now because I am clearly making things worse this way, I watch the output with a spectrum analyzer, and one can see all this interference.
True enough on the results of squegging, but I can at least avoid this.
Being able to see the signal, I can set the oscillation to a region where it can oscillate without breaking into uncontrolled hopping and simultaneous oscillation in many places at the same time.
Therefore, I can see and eliminate the squegging that you alluded to; and which would have been perfectly possible, if I could not see the signal on the instruments.

Now in fact, I do not reign in the squegging tendency with the regen control.
I use almost exclusively, the Armstrong “top hat’ feedback coil design, which Robert is using in his circuit.
It gives so much leeway in setting the regen condition.

One needs to be careful, and it is not easy to find a single good place, for the entire band.
Now I simply back off the top hat farther from the tank coil until regeneration can be brought on; but is controllable, for lack of a better word.
Having said that , it also allows you to bring on the squegging and other problems quite easily too.

Armstrong technique is also nice in that it is less temperamental than using the coil tap technique of the Hartley.
I built a Hartley regen several years ago, and actually have some good picture that can put in an email. I was unhappy with the design, for these various weaknesses.
The theory/circuits section on oscillators in the ARRL handbook, had warned the reader to be ready for some level of difficulty from the Hartley.

But let me sidebar a bit.
I have not built a superregen, but have been reading up on it, on and off for some time.
Actually most of this good reading material for me, comes out of the Radio Handbooks "Editors and Engineers" of the 1930s and further into the forties.

The write-up on the effects of the supersonic interruption of the straight regen rcvr; noted that a claim to fame for this device, is that it is quieter for a given reception and sensitivity.
In experience, do you find the circuit sensitive to tune and stabilize, so as to avoid the performance weaknesses of the plain regen?

Regards,
Louis N3OL

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Ron Barlow
Sent: Thursday, April 03, 2014 7:18 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Trouble with a regen project.....but do not despair

In response to a recent posting, that described a regen receiver as a beast that that howls, squeals, jumps into oscillation with a plop, and/or creates a broadband noise in another nearby receiver. IMO, this description applies to a regen rx, that is not performing correctly, and will not perform its intended function, well.
These symptoms indicate of a squegging detector (oscillation on MULTIPLE frequencies, instead of the desired single freq).
Such behavior is somewhat characteristic of a super regen detector, but not a well performing straight regen.

73 de Ron n4gjv

9496. eBay Alert 12 Months of Ham History

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-09 11:30:13 UTC
From: Louis Vermond
Topic: 9496 Message: 9496

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=281306248326&ssPageName=ADME:B:SS:US:1123

9497. eBay Alert For all you Loopers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-09 11:33:03 UTC
From: Louis Vermond
Topic: 9497 Message: 9497

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=121315278868&ssPageName=ADME:B:SS:US:1123#ht_1049wt_922

9498. Re: [AWA Group] eBay Alert 12 Months of Ham History

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-09 11:39:06 UTC
From: N1BUG
Topic: 9496 Message: 9498

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=281306248326&ssPageName=ADME:B:SS:US:1123

Ah. Someday I'll buy a set of those. Not only for obvious reasons
but it also happens to be the year of my birth. I've often thought
of assembling a station representative of that year. It's probably
one of those projects I'll never get to.

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

9499. RE: [AWA Group] eBay Alert 12 Months of Ham History

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-09 13:34:34 UTC
From: Mike Feher
Topic: 9496 Message: 9499

Wow, you are just a "young one". Guess you will hit a half a century then this year, if not already. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of N1BUG
Sent: Wednesday, April 09, 2014 7:39 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert 12 Months of Ham History

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem <http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=281306248326&ssPageName=ADME:B:SS:US:1123> &item=281306248326&ssPageName=ADME:B:SS:US:1123

Ah. Someday I'll buy a set of those. Not only for obvious reasons but it also happens to be the year of my birth. I've often thought of assembling a station representative of that year. It's probably one of those projects I'll never get to.

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

9500. Re: [AWA Group] eBay Alert For all you Loopers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-09 17:05:26 UTC
From: Larry Szendrei
Topic: 9497 Message: 9500

On 4/9/14 7:33 AM, Louis Vermond wrote:
>
> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=121315278868&ssPageName=ADME:B:SS:US:1123#ht_1049wt_922
>
> <https://groups.yahoo.com/neo/groups/AWAGroup/conversations/messages/9497;_ylc=X3oDMTJxYWZvZGI2BF9TAzk3MzU5NzE0BGdycElkAzM5NDcwOTEwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAM5NDk3BHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTM5NzA0MzE4OQ--?act=reply&messageNum=9497>
>
>
Real beer doesn't come in a can!

9501. Re: [AWA Group] eBay Alert 12 Months of Ham History

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-09 17:05:48 UTC
From: N1BUG
Topic: 9496 Message: 9501

Wow, you are just a "young one". Guess you will hit a half a century
then this year, if not already.

Yep. I've got about two months to go.

73,
Paul

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

9502. Re: [AWA Group] eBay Alert For all you Loopers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-09 17:14:39 UTC
From: Robert S Jenkins
Topic: 9497 Message: 9502

Even PBR in a bottle is not real beer.

Robert
KG4KGL

I feel sorry for people who do not drink, because when they wake up, that is as good as they are going to feel all day. -Frank Sinatra

> On Apr 9, 2014, at 13:05, Larry Szendrei <ne1s@...> wrote:
>
>> On 4/9/14 7:33 AM, Louis Vermond wrote:
>>
>> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=121315278868&ssPageName=ADME:B:SS:US:1123#ht_1049wt_922
> Real beer doesn't come in a can!
>

9503. Re: [AWA Group] eBay Alert For all you Loopers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-09 17:26:18 UTC
From: Larry Szendrei
Topic: 9497 Message: 9503

You got that right!

(The only way I can enjoy that style of "beer" is after mowing the lawn
on a hot, humid summer day.)

Good water substitute for the arid Southwest!

73,
-Larry/NE1S

On 4/9/14 1:14 PM, Robert S Jenkins wrote:
> Even PBR in a bottle is not real beer.
>
> Robert
> KG4KGL
>
> I feel sorry for people who do not drink, because when they wake up,
> that is as good as they are going to feel all day. -Frank Sinatra
>
> On Apr 9, 2014, at 13:05, Larry Szendrei <ne1s@...
> <mailto:ne1s@...>> wrote:
>
>> On 4/9/14 7:33 AM, Louis Vermond wrote:
>>>
>>> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=121315278868&ssPageName=ADME:B:SS:U
S:1123#ht_1049wt_922
>>>
>>>
>>>
>>>
>>>
>>>
>> Real beer doesn't come in a can!
>

9504. Re: REL Cat.#215 Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-09 21:55:39 UTC
From: <w0vlz@...>
Topic: 9493 Message: 9504

Lou,
Quite a find. Will you have it running in December?
Niel - W0VLZ

9505. eBay Look-see

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-10 01:31:15 UTC
From: Louis Vermond
Topic: 9505 Message: 9505

http://www.ebay.com/itm/QRP-Push-Pull-Tube-Transmitter-160-80-40-mtrs-/111320751756?pt=US_Ham_Radio_Transmitters&hash=item19eb3bde8c#ht_697wt_1232

9506. RE: [AWA Group] eBay Alert 12 Months of Ham History

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-10 15:29:43 UTC
From: Mike Feher
Topic: 9496 Message: 9506
Attachments: 1 described; binary payloads are missing from this source WARC

Found you, HI -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of N1BUG
Sent: Wednesday, April 09, 2014 1:06 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert 12 Months of Ham History

Wow, you are just a "young one". Guess you will hit a half a century then this year, if not already.

Yep. I've got about two months to go.

73,
Paul

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

9507. Re: [AWA Group] eBay Alert 12 Months of Ham History

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-10 15:51:13 UTC
From: Louis Vermond
Topic: 9496 Message: 9507
Attachments: 1 described; binary payloads are missing from this source WARC

50? A mere lad...

Mike B. Feher, N4FS

9508. REL Cat.#215 Transmitter & Niel

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-10 16:54:36 UTC
From: Louis Vermond
Topic: 9508 Message: 9508

Lou, Quite a find. Will you have it running in December? Niel - W0VLZ

Hi Niel & thank you.

Yes, quite a job as well.

When I posted those photos was hoping to both entertain and begin a conversation (read, pick brains) on its restoration.

At this point the main question involves the repainting of the front panel. Not the painting as such, that's the easy part, but maintaining the engraved lettering visibility.

As with the NC-101X, the front panel was first painted then the letters engraved leaving the exposed metal as the infill "paint". You see the problem I'm sure.

Any suggestions on how to overcome the problem?

Will you have it running in December? Not likely to have it completely restored by then, but may get on the Kelley for a few using only the osc. Well within the 10W legal limit!

73, Lou

9509. Re: [AWA Group] REL Cat.#215 Transmitter & Niel

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-10 17:35:48 UTC
From: Garey Barrell
Topic: 9508 Message: 9509

Lou -

Just a wild thought.... There is a product we called 'red rubber' that was a liquid rubber. It
was thin enough that you could apply it with a brush, do your painting etc., and then just pick
out the rubber. If the old paint was removed from the panel first, you could just paint a blob
over the engraving and then use a razor blade to cut off any material above the surface. Less
tedious than filling each letter individually!

Probably available at your local craft supply store. Comes in a bottle, sometimes with a brush
in cap.

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Louis Vermond wrote:
> □
>
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> brains) on its restoration.
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> as such, that's the easy part, but maintaining the engraved lettering visibility.
>
> As with the NC-101X, the front panel was first painted then the letters engraved leaving the
> exposed metal as the infill "paint". You see the problem I'm sure.
>
> Any suggestions on how to overcome the problem?
>
>

9510. Re: [AWA Group] REL Cat.#215 Transmitter & Niel

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-10 18:56:20 UTC
From: Louis Vermond
Topic: 9508 Message: 9510

Just a wild thought... The best kind, Garey. Before striping the original paint will first try as many methods as comes to mind. Your suggestion will be one of those. Thank you.

Anyone else?

73, Lou

9511. Re: [AWA Group] REL Cat.#215 Transmitter & Niel

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-10 19:01:41 UTC
From: Steve Flood
Topic: 9508 Message: 9511

I've been thinking on this also lately. One concern with any substance filling the engraving is if the paint might flake away from the edges of the engraving when the rubber is removed (?). How about lightly coating the engraved recesses with a release agent of sorts -- say a light oil? After painting, the engravings may still be somewhat visible and you can begin removing the poorly-adhered paint (hopefully) and carefully clean up the edges of the engraving with suitable tools and magnification.

Steve

Sent from my Verizon Wireless 4G LTE DROID

Garey Barrell <k4oah@mindspring.com> wrote:

>
>
>Lou -
>
>Just a wild thought.... There is a product we called 'red rubber' that was a liquid rubber. It
>was thin enough that you could apply it with a brush, do your painting etc., and then just pick
>out the rubber. If the old paint was removed from the panel first, you could just paint a blob
>over the engraving and then use a razor blade to cut off any material above the surface. Less
>tedious than filling each letter individually!
>
>Probably available at your local craft supply store. Comes in a bottle, sometimes with a brush
>in cap.
>
>73, Garey - K4OAH
>Glen Allen, VA
>
>Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
>and TR-4/C Service Supplement CDs
><www.k4oah.com>
>
>Louis Vermond wrote:
>> □
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>
>
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><!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a; font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads { margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc { font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd { margin: 10px 0px; font-weight: 700; font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px; padding: 0 0; } #actions { font-family: Verdana; font-size: 11px; padding: 10px 0; } #activity { background-color: #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding: 10px; } #activity span { font-weight: 700; } #activity span:first-child { text-transform: uppercase; } #activity span a { color: #5085b6; text-decoration: none; } #activity span span { color: #ff7900; } #activity span .underline { text-decoration: underline; } .attach { clear: both; display: table; font-family: Arial; font-size: 12px; padding: 10px 0; width: 400px; } .attach div a { text-decoration: none; } .attach img { border: none; padding-right: 5px; } .attach label { display: block; margin-bottom: 5px; } .attach label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; } .bold { font-family: Arial; font-size: 13px; font-weight: 700; } .bold a { text-decoration: none; } dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right: 10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right: 0; } div.attach-table div div a { text-decoration: none; } div.attach-table { width: 400px; } div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana; font-size: 10px; font-weight: normal; } .green { color: #628c2a; } .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos div { float: left; width: 72px; } #photos div div { border: 1px solid #666666; height: 62px; overflow: hidden; width: 62px; } #photos div label { color: #666666; font-size: 10px; overflow: hidden; text-align: center; white-space: nowrap; width: 64px; } #reco-category { font-size: 77%; } #reco-desc { font-size: 77%; } .replbq { margin: 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid #000;*/ margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg { font-size: 13px; font-family: Arial, helvetica,clean, sans-serif; *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size: inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99% Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code { font:115% monospace; *font-size:100%; } #ygrp-mlmsg * { line-height: 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a { font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li { font-size: 77%; list-style-type: square; padding: 6px 0; } #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text { font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right: none !important; } -->

9512. Re: [AWA Group] REL Cat.#215 Transmitter... Repainting

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-10 20:35:00 UTC
From: Louis Vermond
Topic: 9512 Message: 9512
Attachments: 3 described; binary payloads are missing from this source WARC

Tks Steve. Another to add to the Word file. There is the using of oil based paint as with dials, but the wrinkle finish may cause problems with excess paint removal.

Below is a second rig that came with the deal, the Cat. 218. Because the variable cap are crumbling, it will become a 215 parts source. Tomorrow I'll sand blast away its panel paint and begin experimenting with these suggested methods.

Any more? Now's the time.

Someone please tell me about pot metal. I've known for years that it is dreaded, but that's all.

73, Lou

Modified from 210s to 6F6/804

I was very careful in removing it yet...

9513. Re: [AWA Group] REL Cat.#215 Transmitter... Repainting

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-10 20:50:29 UTC
From: Garey Barrell
Topic: 9512 Message: 9513

Lou -

Pot metal is junk. Literally!! It's typically a bunch of left-over scraps melted down into an
alloy that has a low melting temperature. Usually it's mostly Zinc, but all bets are off on what else is in there. The low melting temperature makes it attractive for casting pieces because the forms don't have to withstand the much higher temperatures required to cast iron or ...

The result is a porous, weak metal that deteriorates with age and can't realistically be soldered or welded because we don't know what metal it 'really' is!! :-)

In many applications parts can be replaced with cast epoxy resin pieces, which can now be stronger than pot metal. Of course they are non-conductive.......

For one or two pieces it's probably more realistic to machine something out of aluminum if the
shape can be duplicated. CNC milling can do wondrous things.. Perhaps the new 3-D printers will give us a better option!!

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Louis Vermond wrote:
> □
>
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> dials, but the wrinkle finish may cause problems with excess paint removal.
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> Someone please tell me about pot metal. I've known for years that it is dreaded, but that's all.
> 73, Lou
> Modified from 210s to 6F6/804
> I was /very/ careful in removing it yet...
>
>
>

9514. Re: [AWA Group] REL Cat.#215 Transmitter... Repainting

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-10 20:51:31 UTC
From: Steve Flood
Topic: 9512 Message: 9514
Attachments: 3 described; binary payloads are missing from this source WARC

Web search revealed Muggyweld has a potmetal repair substance. Anyone used it?

Sent from my Verizon Wireless 4G LTE DROID

Louis Vermond <ldvermond@sympatico.ca> wrote:

>
>
>□
>
>Tks Steve. Another to add to the Word file. There is the using of oil based paint as with dials, but the wrinkle finish may cause problems with excess paint removal.
>
>
>
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>
>
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>Someone please tell me about pot metal. I've known for years that it is dreaded, but that's all.
>
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>73, Lou
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>OBJ
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9515. Re: [AWA Group] REL Cat.#215 Transmitter... Repainting

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-10 21:02:20 UTC
From: Leonard Meek
Topic: 9512 Message: 9515

If there's a foundry near you, you might be able to get some green molding sand from them. I did that once, to make new hood hinges for my TR-3. I melted a bunch of beer cans and poured them into the mold and they came out better then the originals.

Leonard

----- Original Message -----
From: "Garey Barrell" <k4oah@...>
To: <AWAGroup@yahoogroups.com>
Sent: Thursday, April 10, 2014 10:50 AM
Subject: Re: [AWA Group] REL Cat.#215 Transmitter... Repainting

> Lou -
>
> Pot metal is junk. Literally!! It's typically a bunch of left-over
> scraps melted down into an
> alloy that has a low melting temperature. Usually it's mostly Zinc, but
> all bets are off on
> what else is in there. The low melting temperature makes it attractive
> for casting pieces
> because the forms don't have to withstand the much higher temperatures
> required to cast iron or ...
>
> The result is a porous, weak metal that deteriorates with age and can't
> realistically be
> soldered or welded because we don't know what metal it 'really' is!! :-)
>
> In many applications parts can be replaced with cast epoxy resin pieces,
> which can now be
> stronger than pot metal. Of course they are non-conductive.....
>
> For one or two pieces it's probably more realistic to machine something
> out of aluminum if the
> shape can be duplicated. CNC milling can do wondrous things.. Perhaps
> the new 3-D printers
> will give us a better option!!
>
> 73, Garey - K4OAH
> Glen Allen, VA
>
> Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
> and TR-4/C Service Supplement CDs
> <www.k4oah.com>
>

> Louis Vermond wrote:
>> □
>>
>> Tks Steve. Another to add to the Word file. There is the using of oil
>> based paint as with
>> dials, but the wrinkle finish may cause problems with excess paint
>> removal.
>> Below is a second rig that came with the deal, the Cat. 218. Because the
>> variable cap are
>> crumbling, it will become a 215 parts source. Tomorrow I'll sand blast
>> away its panel paint
>> and begin experimenting with these suggested methods.
>> Any more? Now's the time.
>> Someone please tell me about pot metal. I've known for years that it is
>> dreaded, but that's all.
>> 73, Lou
>> Modified from 210s to 6F6/804
>> I was /very/ careful in removing it yet...
>>
>>
>>
>
>
>
> ---
>
> Yahoo Groups Links
>
>
>
>

9516. Re: [AWA Group] REL Cat.#215 Transmitter... Repainting [3 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-10 21:54:06 UTC
From: Garey Barrell
Topic: 9512 Message: 9516

Interesting stuff!! Pricey... $59 + $9 shipping for 5 18" rods and a bottle of flux.

Low melting point (350 degrees F) but no mention about strength.

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Steve Flood wrote:
> Web search revealed Muggyweld has a potmetal repair substance. Anyone used it?
>
> /Sent from my Verizon Wireless 4G LTE DROID/
>
>
> Louis Vermond <ldvermond@...> wrote:
>
> □
>
> Tks Steve. Another to add to the Word file. There is the using of oil based paint as with
> dials, but the wrinkle finish may cause problems with excess paint removal.
> Below is a second rig that came with the deal, the Cat. 218. Because the variable cap are
> crumbling, it will become a 215 parts source. Tomorrow I'll sand blast away its panel paint
> and begin experimenting with these suggested methods.
> Any more? Now's the time.
> Someone please tell me about pot metal. I've known for years that it is dreaded, but that's all.
> 73, Lou
>

9517. de K1TG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-10 22:22:22 UTC
From: Roger Kuchera
Topic: 136 Message: 9517

Gentlemen,

One of the reasons Zinc was used as a casting material is it's ability to take a mold form easily. One of the reasons it is used in casting auto carburetors. I can't speak to "pot" metal. I'd guess pot metal might have Antimony, Bismuth or Lead. Antimony and Tin are used to harden Lead.

Roger.

9518. RE: [AWA Group] REL Cat.#215 Transmitter... Repainting

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-11 00:14:36 UTC
From: Steve Flood
Topic: 9512 Message: 9518

>melted a bunch of beer cans and poured them into the mold

There ya go Lou! You can clean up that giant pile of Carling cans in the basement.

- KK7UV

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

9519. Re: [AWA Group] REL Cat.#215 Transmitter... Repainting

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-11 00:23:07 UTC
From: Louis Vermond
Topic: 9512 Message: 9519

Tks Garey.

In many applications parts can be replaced with cast epoxy resin pieces, which can now be stronger than pot metal. Of course they are non-conductive.....
For one or two pieces it's probably more realistic to machine something out of aluminum if the shape can be duplicated. CNC milling can do wondrous things..

Perhaps the new 3-D printers will give us a better option!! Or maybe Scottie can whip sumpin up?

If there's a foundry near you, you might be able to get some green molding sand from them. I did that once, to make new hood hinges for my TR-3. I melted a bunch of beer cans and poured them into the mold and they came out better then the originals. Leonard

Lou - are you familiar with JB Weld? It's a two-part epoxy for metal...this stuff is exceptional strong and it may well put those caps back together. It's widely available in hardware stores. 7UV

There are problems. The condenser did not break, it crumbled so repairing is not really, as I see it, feasible.

The 215's variables seem to have held up well though. They may be all right for moulds or machining samples, yet is it wise to subject one to such a use? As well, the 215's Jewell meter is shot so will have use the 218's meter (100 milliamp). Then there are two 215 RFCs missing so the 218 will have to supply those along with a few of the Cardwells. There is a case, but the rig sat in an inch of water at some point so the bottom of the case is heavily rusted (but not through) and the plywood base is separating. So, is it worth a restoration?

73, Lou

9520. Re: [AWA Group] REL Cat.#215 Transmitter... Repainting

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-11 00:25:25 UTC
From: Louis Vermond
Topic: 9512 Message: 9520

There ya go Lou! You can clean up that giant pile of Carling cans in the basement. Swell idea, YS.

Hick, Lou

9521. Fw: eBay Alert Oh Mama!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-11 13:03:02 UTC
From: Louis Vermond
Topic: 9521 Message: 9521

http://www.ebay.com/itm/Heathkit-AT-1-Ham-HF-Transmitter-KIT-Never-Built-Kit-Complete-In-Box-/191132801424?pt=US_Ham_Radio_Receivers&hash=item2c80671990#ht_1258wt_1232

9522. Re: [AWA Group] Fw: eBay Alert Oh Mama!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-11 14:45:57 UTC
From: Steve
Topic: 9521 Message: 9522

Amazing....his retirement fund all in one box!

http://www.ebay.com/itm/Heathkit-AT-1-Ham-HF-Transmitter-KIT-Never-Built-Kit-Complete-In-Box-/191132801424?pt=US_Ham_Radio_Receivers&hash=item2c80671990#ht_1258wt_1232

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

9523. Re: [AWA Group] Fw: eBay Alert Oh Mama!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-11 14:57:47 UTC
From: Louis Vermond
Topic: 9521 Message: 9523

A pool.

Lou says $750.

9524. Re: [AWA Group] REL Cat.#215 Transmitter & Niel

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-11 15:00:45 UTC
From: Larry Szendrei
Topic: 9508 Message: 9524

On 4/10/14 3:01 PM, Steve Flood wrote:
> I've been thinking on this also lately. One concern with any
> substance /filling/ the engraving is if the paint might flake away
> from the edges of the engraving when the rubber is removed (?). How
> about lightly coating the engraved recesses with a release agent of
> sorts -- say a light oil? After painting, the engravings may still be
> somewhat visible and you can begin removing the poorly-adhered paint
> (hopefully) and carefully clean up the edges of the engraving with
> suitable tools and magnification.
>
> Steve
>
>
No personal experience here, but I've heard of Vaseline being used for this purpose. Whatever you use it must be in the engravings only; I would use a sqeegee of some kind to apply it and then carefully go over the nearby flat surfaces, on which you want the paint to adhere, with a light rag dampened with solvent (such as paint thinner or turpentine), before painting.

73,
-Larry/NE1S

9525. Re: [AWA Group] REL Cat.#215 Transmitter... Repainting

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-11 15:05:55 UTC
From: Larry Szendrei
Topic: 9512 Message: 9525

On 4/10/14 4:50 PM, Garey Barrell wrote:
>
> Lou -
>
> Pot metal is junk. Literally!! It's typically a bunch of left-over
> scraps melted down into an
> alloy that has a low melting temperature. Usually it's mostly Zinc,
> but all bets are off on
> what else is in there. The low melting temperature makes it attractive
> for casting pieces
> because the forms don't have to withstand the much higher temperatures
> required to cast iron or ...
>
> The result is a porous, weak metal that deteriorates with age and
> can't realistically be
> soldered or welded because we don't know what metal it 'really' is!! :-)
>
I have an old Radiola 18 broadcast radio with a pot metal tuning drum
that has "exploded" into several pieces, some missing. If I hever happen
to find a good drum that radio will be restored. The rest of the radio
isn't too bad.

73,
-Larry/NE1S

9526. eBay Alert 804 Repro

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-11 17:24:40 UTC
From: Louis Vermond
Topic: 9526 Message: 9526
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/1936-POWER-OSCILLATOR-BREADBOARD-804-TUBE-/281306613493?pt=US_Ham_Radio_Transmitters&hash=item417f2e46f5#ht_266wt_1105

Anyone have this mag?

9527. Re: [AWA Group] eBay Alert 804 Repro

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-11 18:42:58 UTC
From: Steve
Topic: 9526 Message: 9527

If you know the year you can view from here:

http://americanradiohistory.com/Short_Wave-Television_Master_Page_Guide.htm

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

9528. RE: [AWA Group] eBay Alert 804 Repro

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-11 18:52:32 UTC
From: barry whittemore
Topic: 9526 Message: 9528

thats a cool site. BTW its july 1936
barry
nf1o

To: AWAGroup@yahoogroups.com
From: ve7sl@...
Date: Fri, 11 Apr 2014 11:42:58 -0700
Subject: Re: [AWA Group] eBay Alert 804 Repro

If you know the year you can view from
here:

http://americanradiohistory.com/Short_Wave-Television_Master_Page_Guide.htm

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

9529. Re: [AWA Group] eBay Alert 804 Repro

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-11 19:28:45 UTC
From: Garey Barrell
Topic: 9526 Message: 9529
Attachments: 1 described; binary payloads are missing from this source WARC

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Louis Vermond wrote:
>
>
> http://www.ebay.com/itm/1936-POWER-OSCILLATOR-BREADBOARD-804-TUBE-/281306613493?pt=US_Ham_Radio_Transmitters&hash=item417f2e46f5#ht_266wt_1105
>

9530. RCA 804

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-11 20:48:17 UTC
From: Louis Vermond
Topic: 9530 Message: 9530
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.ca/itm/NOS-RCA-804-Transmit-Tube-/201070357089?pt=Vintage_Electronics_R2&hash=item2ed0ba2a61#ht_21wt_1232

9531. RE: [AWA Group] Trouble with a regen.....It ’s good to be able to see the signal

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-11 20:50:38 UTC
From: Ron Barlow
Topic: 9531 Message: 9531

Hi Louis,

Please excuse the delayed reply. I have not been home very much, during the past several days, and I have fallen behind with everything.

I regret that I am unable to provide any useful input, re the design of a super regen receiver. I "threw together" one or 2 VHF super regens, many years ago. I believe that I used it/them to listen to FM BC stations and TV audio, before they were disassembled to allow the use of the components for some other project, that is in the long ago forgotten category. Thus, my very limited experience, with super regens, is only an extremely dim memory!

Are you using 150-300 volts on the plate of the regen detector stage, Louis, or are you referring to the plate voltage on an audio amp stage, that follows the detector?

The references, that I have read, suggest using no more than 20 or 30 volts, on the plate of a triode regen detector, or on the screen grid of a tetrode/pentode detector, and my limited experience seems to agree with that info.

If you are experiencing stability problems, with your regen, I suggest that you try using ~ 25 volts on the plate of your detector. You will undoubtedly have to use a larger # of turns on the "tickler" winding, to achieve oscillation, and the audio output will not be as great (on strong stations), but I believe that the overall performance will probably be better. You can always add more audio amplification, to increase the audio level. This scheme will very probably yield better performance, vs using high plate voltage on a triode detector.

I found that I had to add a second stage of audio amplification, to hear the weaker stations reasonably well, in my (all to often) high ambient noise environment. Actually, I find that I could often use even more audio gain, that the 2 RC coupled triode (low mu types)stages offer. I would have to add some sort of audio limiting, however, to avoid having my ear drums shattered, during the reception of stronger sigs.

GL & 73 de Ron

On Tue, 4/8/14, Poli, Louis (US SSA) <louis.poli@...> wrote:

Subject: RE: [AWA Group] Trouble with a regen.....It’s good to be able to see the signal
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Date: Tuesday, April 8, 2014, 11:29 AM

Ron;
As always, I
appreciate any comments from our membership.

That’s why I
signed up in September.

Maybe my words are
overly strong (?).

It’s hard to get a
flavor of something through an email.

I saw Steven’s
email yesterday, where he commented that the rcvr is
extremely sensitive.

Yes and I have
actually been able to receive Europe (in good propagation
conditions) in my basement without an antenna.

I drive these things
hard.

This receiver is of
course an oscillator, and the oscillation (by nature
extremely non-linear) provides the means of detection and
unfortunately, the severe
side effect of powerful harmonics and intermods.

Unfortunately, and I
do this too, even though I know it’s bad to some level; is
to basically all use it as directly connected to the
antenna.

The receiver is
dirty, and without any design attempt to filter the
harmonics and the like.

And connecting
it to the antenna, without buffering it with something, like
perhaps an RF amp before it (which is a favorite way of
separating noisy stages
from the antenna), puts the harmonics and intermods noise
all over the place with little attenuation.

I can run 150 volts
which is reasonable, to more than 300 volts on the plate of
the 6sn7, to make it louder, etc.

Yes, the tube is now
overheating and may not see a good service run, but that is
ok.

Now actually I do
run this thing very often in this high voltage
condition.
But maybe this heavy

power condition is making the transition to oscillation much more dramatic as well, and so the sounds, that I reported in the email.
Maybe; as I haven't checked this out.

Now because I am clearly making things worse this way, I watch the output with a spectrum analyzer, and one can see all this interference.
True enough on the results of squegging, but I can at least avoid this.

Being able to see the signal, I can set the oscillation to a region where it can oscillate without breaking into uncontrolled hopping and simultaneous oscillation in many places at the same time.
Therefore, I can see and eliminate the squegging that you alluded to; and which would have been perfectly possible, if I could not see the signal on the instruments.

Now in fact, I do not reign in the squegging tendency with the regen control.
I use almost exclusively, the Armstrong "top hat' feedback coil design, which Robert is using in his circuit.

It gives so much leeway in setting the regen condition.
One needs to be careful, and it is not easy to find a single good place, for the entire band.
Now I simply back off the top hat farther from the tank coil until regeneration can be brought on; but is controllable, for lack of a better word.
Having said that , it also allows you to bring on the squegging and other problems quite easily too.

Armstrong technique is also nice in that it is less temperamental than using the coil tap technique of the Hartley.
I built a Hartley regen several years ago, and actually have some good picture that can put in an email. I was unhappy with the design, for these various weaknesses.

The theory/circuits
section on oscillators in the ARRL handbook, had warned the reader to be ready for some level of difficulty from the Hartley.

But let me sidebar a
bit.
I have not built a
superregen, but have been reading up on it, on and off for some time.

Actually most of
this good reading material for me, comes out of the Radio Handbooks "Editors and Engineers" of the 1930s and
further into the forties.

The write-up on the
effects of the supersonic interruption of the straight regen rcvr; noted that a claim to fame for this device, is that it is quieter for
a given reception and sensitivity.
In experience, do
you find the circuit sensitive to tune and stabilize, so as to avoid the performance weaknesses of the plain
regen?

Regards,
Louis
N3OL

9532. Re: [AWA Group] eBay Alert 12 Months of Ham History

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-11 21:02:07 UTC
From: Ron Barlow
Topic: 9496 Message: 9532

Aah, it must be nice to still be so young, Paul!
It is probably all relative, however, as there may be some 90+ year old chaps out there, that think that us 70+ year old buzzards are fortunate!
73 & many happy returns, de Ron n4gjv

On Wed, 4/9/14, N1BUG <paul@...> wrote:

Subject: Re: [AWA Group] eBay Alert 12 Months of Ham History
To: AWAGroup@yahoogroups.com
Date: Wednesday, April 9, 2014, 4:39 AM

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=281306248326&ssPageName=ADME:B:SS:US:1123

Ah. Someday I'll buy a
set of those. Not
only for obvious reasons but it also happens to be
the year of
my birth. I've often thought of assembling a
station
representative of that year. It's probably one
of those projects
I'll never get to.

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

9533. Re: [AWA Group] RCA 804

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-11 21:33:11 UTC
From: Ron Barlow
Topic: 9530 Message: 9533

Wow! Thank you Lou, Garey and Barry, for the info on the cool single tube xmtr, and the link to the Short Wave Craft mags! An awesome publication!
73 de Ron n4gjv

On Fri, 4/11/14, Louis Vermond <ldvermond@...> wrote:

Subject: [AWA Group] RCA 804
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Date: Friday, April 11, 2014, 1:48 PM

http://www.ebay.ca/itm/NOS-RCA-804-Transmit-Tube-/201070357089?pt=Vintage_Electronics_R2&hash=item2ed0ba2a61#ht_21wt_1232

9534. Re: [AWA Group] eBay Alert 12 Months of Ham History

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-11 21:41:50 UTC
From: N1BUG
Topic: 9496 Message: 9534
Attachments: 1 described; binary payloads are missing from this source WARC

So you did, Mike. Scary stuff there. Assuming Yahoo lets this link through (no bets on that), here's something more scary. You don't want to run into this on a dark night, HI !

http://n1bug.com/misc/rfi-night-snooper.jpg

On 04/10/2014 11:29 AM, Mike Feher wrote:
>
>
> Found you, HI --
>
>
>

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

9535. Re: [AWA Group] eBay Alert 12 Months of Ham History

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-11 22:58:07 UTC
From: Steve
Topic: 9496 Message: 9535

> Assuming Yahoo lets this link through (no bets on that),
FYI...It did get stopped in the Spam trap but I've released it for the world to see ;-)

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

9536. REL Cat.#215 Transmitter Panel Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-11 23:21:22 UTC
From: Louis Vermond
Topic: 9536 Message: 9536
Attachments: 1 described; binary payloads are missing from this source WARC

Thank you, Larry for your suggestion.

I stripped the 218s panel today using PolyStrippa. Although most of the paint wiped away easily enough there was still a bit of the paint left. On a whim I soaked a rag with methyl hydrate and ...zip, the residue was gone.

REL's shop practice was a bit slap-dash. Most of the scratches you see were under the paint.

I'll begin trying the suggested hints& kinks tomorrow.

73, Lou

9537. Re: [AWA Group] eBay Alert 12 Months of Ham History

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-11 23:57:57 UTC
From: Louis Vermond
Topic: 9496 Message: 9537
Attachments: 2 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

9538. SW-3 coils for sale

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-12 01:57:42 UTC
From: Steve Flood
Topic: 9538 Message: 9538

http://www.eham.net/classifieds/detail/435185

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

9539. Re: eBay Alert 804 Repro

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-12 21:49:48 UTC
From: <w0vlz@...>
Topic: 9526 Message: 9539

More information and a vertical layout for the 804 / RK20 tri-tet is shown in Apr '35 QST pg 41. I'd also add a loading cap in series with the antenna link.

I've also listed a few other links at
http://w0vlz.blogspot.com/2014/02/surfing-web-for-radio-reading.html
http://w0vlz.blogspot.com/2014/02/surfing-web-for-radio-reading.html

Niel - W0VLZ

9540. Re: [AWA Group] Trouble with a regen.....It ’s good....B+ and superregens.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-12 23:04:07 UTC
From: Poli, Louis (US SSA)
Topic: 9531 Message: 9540

Hi Ron;
I have not been keeping up either; with palm Sunday and Easter almost here.

I have to go again, in a short time too.

But first; thanks for sharing your experiences with the superregen type equipment.

In one of my "editors and engineers" handbooks (same format as the arrl books), I saw some neat superregens using the 955, 966 type acorn tubes. It was vhf to uhf.
Fascinating performance. What tubes and texts did you use?

On the B+ for my current regens, I never considered that the tubes could run as low as 20 to 30 volts on the plate.
But when I was a young boy, I used 45 and 90 volt batteries to power 2 tube receivers like the favorite 1T4 det, with its 1S4 pwr amp.
Now in the present, I didn't think that you could go almost half again lower and still get gain and current from the plate.

As it has worked well for you, I'll lower the B+ and take a look at my 2 regens.

One is Hartley (with the coil tap at the first few turns of the tank coil.
And the other is the Armstrong (feedback top hat coil) type.

Now on the question of 300 volts on the plates.

Your question is exactly what I would have asked.
True enough, it is customary to run only the pwr amps at 250 and above.

I actually do run the plates of the detector, as well as the following amplifier, at the same B+.
That is; 150 to 300 volts.

The curious part of all this is that I have, never seen, any text that required running at 30 volts and lower.
Now let me exclude the very early types that ran with 45 volt batteries, and 1.5 volt (D cell battery.

Every other design I have seen uses a very typical 180 volts or thereabouts.
Most of my interests are in radios that use power supplies; and so where high voltage is easy to prepare.

But I have not seen any discussions on deliberately lowering it again to duplicate a clean low voltage battery, for performance.

I will scan and pdf the designs and docs, and put them in another email.

Need to go presently, and i'll catch up with the correspondence next week.

Regards,
Louis

From: Ron Barlow [mailto:imalowfer@yahoo.com]
Sent: Friday, April 11, 2014 04:50 PM
To: AWAGroup@yahoogroups.com <AWAGroup@yahoogroups.com>
Subject: RE: [AWA Group] Trouble with a regen.....It’s good to be able to see the signal

Hi Louis,

Please excuse the delayed reply. I have not been home very much, during the past several days, and I have fallen behind with everything.

I regret that I am unable to provide any useful input, re the design of a super regen receiver. I "threw together" one or 2 VHF super regens, many years ago. I believe that I used it/them to listen to FM BC stations and TV audio, before they were disassembled to allow the use of the components for some other project, that is in the long ago forgotten category. Thus, my very limited experience, with super regens, is only an extremely dim memory!

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I found that I had to add a second stage of audio amplification, to hear the weaker stations reasonably well, in my (all to often) high ambient noise environment. Actually, I find that I could often use even more audio gain, that the 2 RC coupled triode (low mu types)stages offer. I would have to add some sort of audio limiting, however, to avoid having my ear drums shattered, during the reception of stronger sigs.

GL & 73 de Ron

On Tue, 4/8/14, Poli, Louis (US SSA) <louis.poli@baesystems.com> wrote:

Subject: RE: [AWA Group] Trouble with a regen.....It’s good to be able to see the signal
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Date: Tuesday, April 8, 2014, 11:29 AM

Ron;
As always, I
appreciate any comments from our membership.

That’s why I
signed up in September.

Maybe my words are
overly strong (?).

It’s hard to get a
flavor of something through an email.

I saw Steven’s
email yesterday, where he commented that the rcvr is
extremely sensitive.

Yes and I have
actually been able to receive Europe (in good propagation
conditions) in my basement without an antenna.

I drive these things
hard.

This receiver is of
course an oscillator, and the oscillation (by nature
extremely non-linear) provides the means of detection and
unfortunately, the severe
side effect of powerful harmonics and intermods.

Unfortunately, and I
do this too, even though I know it’s bad to some level; is
to basically all use it as directly connected to the
antenna.

The receiver is
dirty, and without any design attempt to filter the
harmonics and the like.

And connecting
it to the antenna, without buffering it with something, like
perhaps an RF amp before it (which is a favorite way of
separating noisy stages
from the antenna), puts the harmonics and intermods noise
all over the place with little attenuation.

I can run 150 volts
which is reasonable, to more than 300 volts on the plate of
the 6sn7, to make it louder, etc.

Yes, the tube is now
overheating and may not see a good service run, but that is
ok.

Now actually I do
run this thing very often in this high voltage
condition.
But maybe this heavy

power condition is making the transition to oscillation much more dramatic as well, and so the sounds, that I reported in the email.
Maybe; as I haven't checked this out.

Now because I am clearly making things worse this way, I watch the output with a spectrum analyzer, and one can see all this interference.
True enough on the results of squegging, but I can at least avoid this.

Being able to see the signal, I can set the oscillation to a region where it can oscillate without breaking into uncontrolled hopping and simultaneous oscillation in many places at the same time.
Therefore, I can see and eliminate the squegging that you alluded to; and which would have been perfectly possible, if I could not see the signal on the instruments.

Now in fact, I do not reign in the squegging tendency with the regen control.
I use almost exclusively, the Armstrong "top hat' feedback coil design, which Robert is using in his circuit.

It gives so much leeway in setting the regen condition.
One needs to be careful, and it is not easy to find a single good place, for the entire band.
Now I simply back off the top hat farther from the tank coil until regeneration can be brought on; but is controllable, for lack of a better word.
Having said that , it also allows you to bring on the squegging and other problems quite easily too.

Armstrong technique is also nice in that it is less temperamental than using the coil tap technique of the Hartley.
I built a Hartley regen several years ago, and actually have some good picture that can put in an email. I was unhappy with the design, for these various weaknesses.

The theory/circuits
section on oscillators in the ARRL handbook, had warned the reader to be ready for some level of difficulty from the Hartley.

But let me sidebar a
bit.
I have not built a
superregen, but have been reading up on it, on and off for some time.

Actually most of
this good reading material for me, comes out of the Radio Handbooks "Editors and Engineers" of the 1930s and
further into the forties.

The write-up on the
effects of the supersonic interruption of the straight regen rcvr; noted that a claim to fame for this device, is that it is quieter for
a given reception and sensitivity.
In experience, do
you find the circuit sensitive to tune and stabilize, so as to avoid the performance weaknesses of the plain
regen?

Regards,
Louis
N3OL

9541. Too late eBay Alert, but nifty

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-14 19:15:58 UTC
From: Louis Vermond
Topic: 9541 Message: 9541

http://www.ebay.com/itm/QRP-Push-Pull-Tube-Transmitter-160-80-40-mtrs-/111320751756?pt=US_Ham_Radio_Transmitters&hash=item19eb3bde8c&nma=true&si=9SM%252FeEP8NvRDkKYzSrt%252BnI4wErM%253D&orig_cvip=true&rt=nc&_trksid=p2047675.l2557#ht_743wt_922

9542. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-15 00:39:20 UTC
From: Louis Vermond
Topic: 130 Message: 9542

http://www.ebay.co.uk/itm/Vintage-NOS-National-AN-URR-39-NC-183-MR-HAM-Tube-Radio-Receiver-Speaker-Rack-/221412742584?pt=US_Ham_Radio_Receivers&hash=item338d3a55b8

9543. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-15 00:59:39 UTC
From: Steve
Topic: 130 Message: 9543

what a beauty! I wonder if there's more where this came from :-))

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

9544. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-15 04:38:49 UTC
From: Daniel Petersen
Topic: 130 Message: 9544

Holy Marconi, 40 bids! - I'd like to be around to see the last-minute shark-frenzy!
Dan - W7OIL

On Mon, Apr 14, 2014 at 5:59 PM, Steve <ve7sl@shaw.ca> wrote:

>
>
> what a beauty! I wonder if there's more where this came from :-))
>
>
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
>
>

--

73,
Dan - W7OIL

9545. What does this do? What is inside?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-17 16:29:52 UTC
From: Louis Vermond
Topic: 9545 Message: 9545
Attachments: 2 described; binary payloads are missing from this source WARC

Tks, Lou

BTW This is the type of paint use on the REL rigs.

Where should there be terminal continuity, if any?

9546. Re: [AWA Group] What does this do? What is inside?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-17 17:44:45 UTC
From: Eddy Swynar
Topic: 9545 Message: 9546

Hi Lou,

Open 'er up, & see...!

Looks like some sort of an active audio filter of sorts, at first blush---but I'm afraid that you'll have to "...uncork the champagne bottle" to see how much B+ & filament voltage to apply to it...

~73~ de Eddy VE3CUI - VE3XZ

On 2014-04-17, at 12:29 PM, Louis Vermond wrote:

>
> Tks, Lou
>
> BTW This is the type of paint use on the REL rigs.
> <Tone Filtre Top 800.jpg>
>
> Where should there be terminal continuity, if any?
> <Tone Filtre Term.s 800.jpg>
>
>
>
>

9547. RE: [AWA Group] What does this do? What is inside?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-17 17:59:47 UTC
From: Mike Feher
Topic: 9545 Message: 9547
Attachments: 3 described; binary payloads are missing from this source WARC

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Thursday, April 17, 2014 12:30 PM
To: AWAGroup
Subject: [AWA Group] What does this do? What is inside?

Tks, Lou

BTW This is the type of paint use on the REL rigs.

Where should there be terminal continuity, if any?

9548. Fwd: [AWA Group] What does this do? What is inside?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-17 18:11:00 UTC
From: Eddy Swynar
Topic: 9548 Message: 9548
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Mike,

DEFINITELY a "must have" addition to the radio shack...! (I guess!).

~73~ de Eddy VE3CUI - VE3XZ

Begin forwarded message:

> From: "Mike Feher" <n4fs@...>
> Date: April 17, 2014 1:59:47 PM EDT
> To: <AWAGroup@yahoogroups.com>
> Subject: RE: [AWA Group] What does this do? What is inside?
> Reply-To: AWAGroup@yahoogroups.com
>
>
>
>
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
>
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>
>
>

9549. Re: Fwd: [AWA Group] What does this do? What is inside? [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-17 19:10:03 UTC
From: Garey Barrell
Topic: 9548 Message: 9549

Appears to be a resistor to put in place of the plate load resistor and a coupling capacitor to
the 'speaker' which I think were little more than a headphone element with a 'horn'!! Keeps from running plate current through the speaker coil if the plate load resistor should open up
and keeps HV off of the speaker leads. ??

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Eddy Swynar wrote:
> */Hi Mike,/*
>
> /DEFINITELY/a "must have" addition to the radio shack...! /(I guess!)./
>
> */~73~ de Eddy VE3CUI - VE3XZ/*
>
>
>
>
>
> Begin forwarded message:
>
>> *From: *"Mike Feher" <n4fs@... <mailto:n4fs@...>>
>> *Date: *April 17, 2014 1:59:47 PM EDT
>> *To: *<AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>>
>> *Subject: **RE: [AWA Group] What does this do? What is inside?*
>> *Reply-To: *AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
>>
>>
>> Mike B. Feher, N4FS
>>
>> 89 Arnold Blvd.
>>
>> Howell, NJ, 07731
>>
>> 732-886-5960
>>
>

9550. What does this do? What is inside?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-17 19:15:54 UTC
From: Louis Vermond
Topic: 9545 Message: 9550

Open 'er up, & see...! Riveted and potted. Think not...

Appears to be a resistor to put in place of the plate load resistor and a coupling capacitor to
the 'speaker' which I think were little more than a headphone element with a 'horn'!! Keeps from running plate current through the speaker coil if the plate load resistor should open up
and keeps HV off of the speaker leads. Garey, sounds so impressive that I removed the ??s.

Tks, Mike. That will do it.

9551. RE: [AWA Group] What does this do? What is inside?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-17 23:16:08 UTC
From: Mike Feher
Topic: 9545 Message: 9551

No problem, that was a simple Google find. You should use it more often, HI.
73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Thursday, April 17, 2014 3:16 PM
To: AWAGroup
Subject: [AWA Group] What does this do? What is inside?

Open 'er up, & see...! Riveted and potted. Think not...

Appears to be a resistor to put in place of the plate load resistor and a coupling capacitor to
the 'speaker' which I think were little more than a headphone element with a 'horn'!! Keeps
from running plate current through the speaker coil if the plate load resistor should open up
and keeps HV off of the speaker leads. Garey, sounds so impressive that I removed the ??s.

Tks, Mike. That will do it.

9552. RE: [AWA Group] What does this do? What is inside? [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-17 23:58:24 UTC
From: Mike Wells
Topic: 9548 Message: 9552
Attachments: 1 described; binary payloads are missing from this source WARC

Something about this is just cool, I think I need a tone filter and I had better go with the No. 1945 to keep the cost down.

Thanks for sharing.

Mike W0FD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Eddy Swynar
Sent: Thursday, April 17, 2014 12:11 PM
To: AWAGroup@yahoogroups.com
Subject: Fwd: [AWA Group] What does this do? What is inside? [1 Attachment]

Hi Mike,

DEFINITELY a "must have" addition to the radio shack...! (I guess!).

~73~ de Eddy VE3CUI - VE3XZ

Begin forwarded message:

From: "Mike Feher" <n4fs@...>

Date: April 17, 2014 1:59:47 PM EDT

To: <AWAGroup@yahoogroups.com>

Subject: RE: [AWA Group] What does this do? What is inside?

Reply-To: AWAGroup@yahoogroups.com

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

<http://geo.yahoo.com/serv?s=97359714/grpId=39470910/grpspId=1705063108/msgId=9547/stime=1397757592>

9553. Re: [AWA Group] What does this do? What is inside?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-18 01:11:28 UTC
From: Louis Vermond
Topic: 9545 Message: 9553
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Mike,

It's yours for postage. Lou

----- Original Message -----
From: Mike Wells
To: AWAGroup@yahoogroups.com
Sent: 2014-04-17 7:58 PM
Subject: RE: [AWA Group] What does this do? What is inside?

Something about this is just cool, I think I need a tone filter and I had better go with the No. 1945 to keep the cost down.

Thanks for sharing.

Mike W0FD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Eddy Swynar
Sent: Thursday, April 17, 2014 12:11 PM
To: AWAGroup@yahoogroups.com
Subject: Fwd: [AWA Group] What does this do? What is inside? [1 Attachment]

Hi Mike,

DEFINITELY a "must have" addition to the radio shack...! (I guess!).

~73~ de Eddy VE3CUI - VE3XZ

Begin forwarded message:

From: "Mike Feher" <n4fs@...>

Date: April 17, 2014 1:59:47 PM EDT

To: <AWAGroup@yahoogroups.com>

Subject: RE: [AWA Group] What does this do? What is inside?

Reply-To: AWAGroup@yahoogroups.com

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

9554. 1930s US callbook?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-18 21:20:17 UTC
From: Louis Vermond
Topic: 9554 Message: 9554

Does anyone have a mid/late 1930s US callbook?

I've looked on the web, but ND. I did find the Mongolian callbook tho...

Tks, Lou

9555. RE: [AWA Group] What does this do? What is inside?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-19 13:15:03 UTC
From: Mike Wells
Topic: 9545 Message: 9555
Attachments: 1 described; binary payloads are missing from this source WARC

Lou,

I think it's a cool gadget but really don't need one. Maybe someone else will want to play with it.

Mike

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Thursday, April 17, 2014 7:11 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] What does this do? What is inside?

Hi Mike,

It's yours for postage. Lou

----- Original Message -----

From: Mike Wells <mailto:w0fd@...>

To: AWAGroup@yahoogroups.com

Sent: 2014-04-17 7:58 PM

Subject: RE: [AWA Group] What does this do? What is inside?

Something about this is just cool, I think I need a tone filter and I had better go with the No. 1945 to keep the cost down.

Thanks for sharing.

Mike W0FD

From: <mailto:AWAGroup@yahoogroups.com> AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Eddy Swynar
Sent: Thursday, April 17, 2014 12:11 PM
To: AWAGroup@yahoogroups.com
Subject: Fwd: [AWA Group] What does this do? What is inside? [1 Attachment]

Hi Mike,

DEFINITELY a "must have" addition to the radio shack...! (I guess!).

~73~ de Eddy VE3CUI - VE3XZ

Begin forwarded message:

From: "Mike Feher" <n4fs@...>

Date: April 17, 2014 1:59:47 PM EDT

To: <AWAGroup@yahoogroups.com>

Subject: RE: [AWA Group] What does this do? What is inside?

Reply-To: AWAGroup@yahoogroups.com

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

<http://geo.yahoo.com/serv?s=97359714/grpId=39470910/grpspId=1705063108/msgId=9547/stime=1397757592>

9556. Re: [AWA Group] What does this do? What is inside?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-19 13:26:03 UTC
From: Louis Vermond
Topic: 9545 Message: 9556
Attachments: 1 described; binary payloads are missing from this source WARC

OK Mike... 73, Lou

----- Original Message -----
From: Mike Wells
To: AWAGroup@yahoogroups.com
Sent: 2014-04-19 9:15 AM
Subject: RE: [AWA Group] What does this do? What is inside?

Lou,

I think it's a cool gadget but really don't need one. Maybe someone else will want to play with it.

Mike

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Thursday, April 17, 2014 7:11 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] What does this do? What is inside?

Hi Mike,

It's yours for postage. Lou

----- Original Message -----

From: Mike Wells

To: AWAGroup@yahoogroups.com

Sent: 2014-04-17 7:58 PM

Subject: RE: [AWA Group] What does this do? What is inside?

Something about this is just cool, I think I need a tone filter and I had better go with the No. 1945 to keep the cost down.

Thanks for sharing.

Mike W0FD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Eddy Swynar
Sent: Thursday, April 17, 2014 12:11 PM

To: AWAGroup@yahoogroups.com
Subject: Fwd: [AWA Group] What does this do? What is inside? [1 Attachment]

Hi Mike,

DEFINITELY a "must have" addition to the radio shack...! (I guess!).

~73~ de Eddy VE3CUI - VE3XZ

Begin forwarded message:

From: "Mike Feher" <n4fs@...>

Date: April 17, 2014 1:59:47 PM EDT

To: <AWAGroup@yahoogroups.com>

Subject: RE: [AWA Group] What does this do? What is inside?

Reply-To: AWAGroup@yahoogroups.com

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

9557. Fred Sutter & Roberta

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-19 18:18:15 UTC
From: Louis Vermond
Topic: 9557 Message: 9557

There is a YL in Cincinnati named, Roberta. I have a few Sutter related questions for her. What is her call or, better yet, e-address?

Tks, Lou

9558. Re: [AWA Group] Fred Sutter & Roberta

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-19 18:25:03 UTC
From: Larry Szendrei
Topic: 9557 Message: 9558

Are you sure it's not the Indianapolis area?

-Larry

On 4/19/14 2:18 PM, Louis Vermond wrote:
>
> There is a YL in Cincinnati named, Roberta. I have a few Sutter
> related questions for her. What is her call or, better yet, e-address?
> Tks, Lou
>

9559. Re: [AWA Group] Fred Sutter & Roberta

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-19 18:32:02 UTC
From: Louis Vermond
Topic: 9557 Message: 9559

Yes, ur right, Larry.

----- Original Message -----
From: Larry Szendrei
To: AWAGroup@yahoogroups.com
Sent: 2014-04-19 2:25 PM
Subject: Re: [AWA Group] Fred Sutter & Roberta

Are you sure it's not the Indianapolis area?

-Larry

On 4/19/14 2:18 PM, Louis Vermond wrote:

There is a YL in Cincinnati named, Roberta. I have a few Sutter related questions for her. What is her call or, better yet, e-address?

Tks, Lou

9560. Re: [AWA Group] What does this do? What is inside?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-19 19:31:12 UTC
From: Louis Vermond
Topic: 9545 Message: 9560

No problem, that was a simple Google find. You should use it more often, HI. 73 - Mike

Thanks again, Mike.

I do, but at times feel a need for a little humanity to warm this cold digital world. 73, Lou

9561. RADIO NEWS Wanted

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-21 16:06:55 UTC
From: Gary H. Harmon, Jr.
Topic: 9561 Message: 9561

Ref: RADIO NEWS, Amateurs' Handibook, Vol. No. 1

I have Vol. No. 2 (1926) and Vol. No. 3 (1927).

I would like to add Vol. No. 1 (Date Unknown) and any later than Vol. No. 3 to the set.

Does anyone have a Vol. No. 1 to sell?

How many issues came after Vol. No. 3?

Thanks and 73,

Gary H. Harmon, Jr. - K5JWK

6003 Archwood

San Antonio, TX 78239-1504

210.657.1549h / 210.884.6926c/t

"Too Many Projects, Not Enough Time"

http://www.grissomroadcoc.org

9562. QSL

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-21 19:34:37 UTC
From: Louis Vermond
Topic: 9562 Message: 9562
Attachments: 1 described; binary payloads are missing from this source WARC

The humour...

9563. Re: [AWA Group] QSL

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-21 21:22:40 UTC
From: Roger Kuchera
Topic: 9562 Message: 9563
Attachments: 1 described; binary payloads are missing from this source WARC

I like the "supposedly DC" remark. :) :)

Roger.

From: Louis Vermond <ldvermond@...>
To: AWAGroup <AWAGroup@yahoogroups.com>
Sent: Monday, April 21, 2014 3:34 PM
Subject: [AWA Group] QSL

The humour...

9564. Re: [AWA Group] QSL

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-21 21:28:58 UTC
From: Steve
Topic: 9562 Message: 9564
Attachments: 1 described; binary payloads are missing from this source WARC

I like the "supposedly DC" part!

The humour...

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

9565. Re: [AWA Group] QSL [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-22 00:14:48 UTC
From: Louis Vermond
Topic: 9565 Message: 9565
Attachments: 1 described; binary payloads are missing from this source WARC

You saw it, Roger & Steve.

Oh, that poor long ...how long I wonder?...suffering 310!

Lou
----- Original Message -----
From: Roger Kuchera
To: AWAGroup@yahoogroups.com
Sent: 2014-04-21 5:22 PM
Subject: Re: [AWA Group] QSL [1 Attachment]

I like the "supposedly DC" remark. :) :)

Roger.

From: Louis Vermond <ldvermond@...>
To: AWAGroup <AWAGroup@yahoogroups.com>
Sent: Monday, April 21, 2014 3:34 PM
Subject: [AWA Group] QSL

The humour...

9566. Coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-24 00:05:58 UTC
From: Leonard Meek
Topic: 9566 Message: 9566
Attachments: 1 described; binary payloads are missing from this source WARC

Anyone know what radio the coils came from? I'm thinking Atwater-Kent. I have a box full and I'd like to use them on something.

Leonard

9567. Re: [AWA Group] Coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-24 00:16:53 UTC
From: Michael A. Bittner
Topic: 9566 Message: 9567
Attachments: 1 described; binary payloads are missing from this source WARC

Look like Navy RBC RF front end coils to me. Mike-W6MAB
-
----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com
Sent: Wednesday, April 23, 2014 5:05 PM
Subject: [AWA Group] Coils

Anyone know what radio the coils came from? I'm thinking Atwater-Kent. I have a box full and I'd like to use them on something.

Leonard

9568. RE: [AWA Group] Coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-24 00:23:22 UTC
From: Mike Feher
Topic: 9566 Message: 9568
Attachments: 1 described; binary payloads are missing from this source WARC

I agree - was going to say WWII military, but, RBC is probably right. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Michael A. Bittner
Sent: Wednesday, April 23, 2014 8:17 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Coils

Look like Navy RBC RF front end coils to me. Mike-W6MAB

-

----- Original Message -----

From: Leonard Meek <mailto:lemeek@...>

To: AWAGroup@yahoogroups.com

Sent: Wednesday, April 23, 2014 5:05 PM

Subject: [AWA Group] Coils

Anyone know what radio the coils came from? I'm thinking Atwater-Kent. I have a box full and I'd like to use them on something.

Leonard

9569. Re: [AWA Group] Coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-24 01:29:37 UTC
From: Leonard Meek
Topic: 9566 Message: 9569
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks, Mike & Michael. Thinking back to where I got them, you're probably right. I got a lot of other old military stuff along with these coils.

Leonard

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: Wednesday, April 23, 2014 2:23 PM
Subject: RE: [AWA Group] Coils

I agree - was going to say WWII military, but, RBC is probably right. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@...m [mailto:AWAGroup@yahoogroups.com] On Behalf Of Michael A. Bittner
Sent: Wednesday, April 23, 2014 8:17 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Coils

Look like Navy RBC RF front end coils to me. Mike-W6MAB

-

----- Original Message -----

From: Leonard Meek

To: AWAGroup@yahoogroups.com

Sent: Wednesday, April 23, 2014 5:05 PM

Subject: [AWA Group] Coils

Anyone know what radio the coils came from? I'm thinking Atwater-Kent. I have a box full and I'd like to use them on something.

Leonard

9570. TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-26 13:55:14 UTC
From: Louis Vermond
Topic: 9570 Message: 9570

TNT/TNT SKED tonight? Lou

9571. Fw: TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-26 13:56:44 UTC
From: Louis Vermond
Topic: 9571 Message: 9571

Oops... Cancel.

----- Original Message -----
From: Louis Vermond
To: AWAGroup@yahoogroups.com
Sent: 2014-04-26 9:55 AM
Subject: TNT

TNT/TNT SKED tonight? Lou

9572. Another TNT-but with a twist

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-26 15:09:33 UTC
From: Kevin Carey
Topic: 9572 Message: 9572
Attachments: 1 described; binary payloads are missing from this source WARC

Hello all,

In chatting with Lou Vermond, VE3AWA, he suggested that I share the following story about my TNT transmitter with the AWA Group. I have also attached a photo of the rig, which I hope will make it along with the message. Many thanks to Lou for providing me with a reduced size image to use...

I like to think the most unique thing about my TNT is that Bruce Kelley personally helped me build it. I live in Bloomfield, NY where Bruce resided for many years. Back in 1995, I contacted him for advice on where I might obtain the parts to build such a project. He told me to come on over, and upon my arrival he handed me a cardboard box, saying "Here, you'll need this." From this point we went into his carriage barn (where the fledgling AWA Museum had once been housed). It was like a trip back in time. As the December snow was piling up outside, he went to various areas of the barn picking up the parts I would need, including beehive insulators, a Cardwell air-variable cap, tank coil, Fahnstock clips, etc. He even gave me a type 10 tube, as well as a type 01A for use in the circuit.

Although I wanted to use the type 10 tube, the vintage project plans offered an alternative for those lacking the funds to build a full-powered transmitter, due to the cost of a more complex power supply and the larger tube. I figured that back in '29 I would have been in no better shape than most people of the era, so I opted for the low power version of the rig. It runs about two watts DC input by my measurements, and although it's no powerhouse, I do have a fair amount of success with it when conditions are right. A few years ago, I even managed to contact Steve VE7SL, out on the west coast very late at night on 80m.

One thing I do with my rig that I've not heard of anyone else doing is bandswitching. I made up two short jumpers with alligator clips (shown in the attached photo) and I short out roughly half the tank coil and half the grid coil and go on 40 meters! It may be horribly inefficient--I don't know--but I do make contacts and that is what's important to me. In the last '29 event, I actually made more contacts on 40m than I did on 80. Perhaps I worked some of you reading this. I wonder why more folks don't use this crude form of bandswitching. By the way, this xmtr was built from plans in the book, How to Become a Radio Amateur, 1930 edition, which I obtained from Lindsay Publications.

73, and see you on the air!

--Kevin
WB2QMY

9573. Wanted: 1930s Type 80M Xtal

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-26 21:52:18 UTC
From: Bill Stewart
Topic: 9573 Message: 9573

Good afternoon,
Any of youse guys have a Bliley style round xtal for 80M cw
(say 3535-3570kc or so) for sale, swap or trade?
If so, please contact me off list with the particulars.
Tnx...73 de Bill K4JYS

9574. eBay Alert Vintage QRP Dog

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-27 11:26:47 UTC
From: Louis Vermond
Topic: 9574 Message: 9574

http://www.ebay.com/itm/160-meter-Homebrew-QRP-AM-transmitter-/271467821013?pt=US_Ham_Radio_Transmitters&hash=item3f34be37d5

9575. John M. Clayton

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-28 15:16:18 UTC
From: Louis Vermond
Topic: 9575 Message: 9575

Does anyone recall the call sign of John M. Clayton, QST Assistant Tech. Editor, 1920s?

Thank you, Lou

9576. Info assist

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-28 16:49:59 UTC
From: Ron Barlow
Topic: 9576 Message: 9576

Hi guys,
I received the note below from Rob, VE3UZL, looking for info from a November 1994 AWA Bulletin.
This predates my membership tenure by ~ 10 years, so I was unable to help.
Is anyone else out there able to be of assistance?
73 de Ron n4gjv

> From: palmer.rc@...
> To: rmb1991@...

> Hi Ron R
> ob here Ve3uzl I noticed that you are a member of AWA
> you might be just who I am looking for I have what is left
> of a H. M. Kipps mercury mantel set I believe and was
> just wondering I could bother you for copy of a article that
> was printed in an AWA bulletin pictures and schematic
> article written by Robert P Murray in AWA
> November 1994 this seems to be the only source I can
> find for this info thanks in advance
> Rob Ve3 uzl 73

9577. [AWA Group] Info assist H. M. Kipps mercury mantel set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-28 17:39:34 UTC
From: Louis Vermond
Topic: 9577 Message: 9577

Hello Ron,

I have printed the article and will mail it on to you this afternoon

73, Lou
VE3AWA
St. Marys

Frm QRZ.com, "I have been an Amateur Radio Operator for 14 years. I enjoy Low power QRP. I also enjoy building QRP in both Soild state and Tube. Ron"

Ron, maybe the AWAGroup will interest you?

https://groups.yahoo.com/neo/groups/AWAGroup/info?yguid=362240983

9578. Re: [AWA Group] John M. Clayton

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-28 17:53:10 UTC
From: Garey Barrell
Topic: 9575 Message: 9578

Lou -

I just went through the 20's, and Clayton was the Assistant Technical Editor from only early
1926 through part of 1927. Interestingly NONE of the article authors and Staff have their calls
listed.! Even the ones I know had calls. Clayton had at least one article a month in QST during this period, but none referenced a call..... guess you need a 20's Callbook....

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Louis Vermond wrote:
>
>
> Does anyone recall the call sign of John M. Clayton, QST Assistant Tech. Editor, 1920s?
> Thank you, Lou
>
>
>

9579. Fwd: 5zl

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-28 17:57:48 UTC
From: Steve Flood
Topic: 9579 Message: 9579

--- the forwarded message follows ---

9580. Fwd: 5zl again

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-28 17:58:10 UTC
From: Steve Flood
Topic: 9580 Message: 9580

--- the forwarded message follows ---

9581. Re: [AWA Group] John M. Clayton

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-28 18:06:09 UTC
From: Garey Barrell
Topic: 9575 Message: 9581

Aha! 1DQ Assistant Technical Editor QST 3/26 - 1/27

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Louis Vermond wrote:
>
>
> Does anyone recall the call sign of John M. Clayton, QST Assistant Tech. Editor, 1920s?
> Thank you, Lou
>

9582. Re: [AWA Group] John M. Clayton

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-28 18:10:09 UTC
From: Paul Christensen
Topic: 9575 Message: 9582

> Aha! 1DQ Assistant Technical Editor QST 3/26 - 1/27

Followed by James Lamb, then George Grammer? Both knocked out some spectacular technical articles for QST during the '30s decade.

Paul, W9AC

9583. Re: [AWA Group] John M. Clayton

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-28 19:17:01 UTC
From: Garey Barrell
Topic: 9575 Message: 9583

QST Assistant Technical Editors

John Clayton - 1DQ - 2/26 - 1/27

Harold Westman - ??? - 2/27 - 5/28

Ross Hull - ??? - 6/28 - 5/29

James Lamb - W1CEI - 6/29 - 7/29 Became Technical Editor and later Research Engineer through
WW-II 'On Leave of Absence' during the war.

Beverly Dudley - W1AL - 8/29 - 4/30

George Grammer - W1DF - 5/30 - Became Technical Editor 1/39 - 3/39 'On Leave of Absence' during
the war.

Donald Mix - W1TS - Assistant Technical Editor - 3/39

Byron Goodman - W1JPE - Assistant Technical Editor - 3/39

The last three extended through at least the mid-60's, with

Doug DeMaw - W1CER added in 5/65

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Paul Christensen wrote:
>> Aha! 1DQ Assistant Technical Editor QST 3/26 - 1/27
> Followed by James Lamb, then George Grammer? Both knocked out some
> spectacular technical articles for QST during the '30s decade.
>
> Paul, W9AC
>
>

9584. RE: [AWA Group] John M. Clayton

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-28 22:14:12 UTC
From: Steve Flood
Topic: 9575 Message: 9584
Attachments: 2 described; binary payloads are missing from this source WARC

My previous messages got stripped on their content.

I found 5ZL for Clayton in two places. Apparently held more than one call.

Inline image 1

Inline image 1

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

9585. Re: [AWA Group] John M. Clayton

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-28 15:41:40 UTC
From: Steve
Topic: 9575 Message: 9585

2XS. I think.

Louis Vermond <ldvermond@sympatico.ca> wrote:

>
>
>Does anyone recall the call sign of John M. Clayton, QST Assistant Tech. Editor, 1920s?
>
>
>
>Thank you, Lou
>
>
>
><!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a; font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads { margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc { font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd { margin: 10px 0px; font-weight: 700; font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px; padding: 0 0; } #actions { font-family: Verdana; font-size: 11px; padding: 10px 0; } #activity { background-color: #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding: 10px; } #activity span { font-weight: 700; } #activity span:first-child { text-transform: uppercase; } #activity span a { color: #5085b6; text-decoration: none; } #activity span span { color: #ff7900; } #activity span .underline { text-decoration: underline; } .attach { clear: both; display: table; font-family: Arial; font-size: 12px; padding: 10px 0; width: 400px; } .attach div a { text-decoration: none; } .attach img { border: none; padding-right: 5px; } .attach label { display: block; margin-bottom: 5px; } .attach label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; } .bold { font-family: Arial; font-size: 13px; font-weight: 700; } .bold a { text-decoration: none; } dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right: 10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right: 0; } div.attach-table div div a { text-decoration: none; } div.attach-table { width: 400px; } div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana; font-size: 10px; font-weight: normal; } .green { color: #628c2a; } .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos div { float: left; width: 72px; } #photos div div { border: 1px solid #666666; height: 62px; overflow: hidden; width: 62px; } #photos div label { color: #666666; font-size: 10px; overflow: hidden; text-align: center; white-space: nowrap; width: 64px; } #reco-category { font-size: 77%; } #reco-desc { font-size: 77%; } .replbq { margin: 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid #000;*/ margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg { font-size: 13px; font-family:

Arial, helvetica,clean, sans-serif; *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size: inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99% Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code { font:115% monospace; *font-size:100%; } #ygrp-mlmsg * { line-height: 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a { font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li { font-size: 77%; list-style-type: square; padding: 6px 0; } #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text { font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right: none !important; } -->

9586. Re: [AWA Group] John M. Clayton

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-28 15:43:14 UTC
From: Steve
Topic: 9575 Message: 9586

Or 5ZL

Louis Vermond <ldvermond@sympatico.ca> wrote:

>
>
>Does anyone recall the call sign of John M. Clayton, QST Assistant Tech. Editor, 1920s?
>
>
>
>Thank you, Lou
>
>
>
><!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a; font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads { margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc { font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd { margin: 10px 0px; font-weight: 700; font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px; padding: 0 0; } #actions { font-family: Verdana; font-size: 11px; padding: 10px 0; } #activity { background-color: #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding: 10px; } #activity span { font-weight: 700; } #activity span:first-child { text-transform: uppercase; } #activity span a { color: #5085b6; text-decoration: none; } #activity span span { color: #ff7900; } #activity span .underline { text-decoration: underline; } .attach { clear: both; display: table; font-family: Arial; font-size: 12px; padding: 10px 0; width: 400px; } .attach div a { text-decoration: none; } .attach img { border: none; padding-right: 5px; } .attach label { display: block; margin-bottom: 5px; } .attach label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; } .bold { font-family: Arial; font-size: 13px; font-weight: 700; } .bold a { text-decoration: none; } dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right: 10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right: 0; } div.attach-table div div a { text-decoration: none; } div.attach-table { width: 400px; } div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana; font-size: 10px; font-weight: normal; } .green { color: #628c2a; } .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos div { float: left; width: 72px; } #photos div div { border: 1px solid #666666; height: 62px; overflow: hidden; width: 62px; } #photos div label { color: #666666; font-size: 10px; overflow: hidden; text-align: center; white-space: nowrap; width: 64px; } #reco-category { font-size: 77%; } #reco-desc { font-size: 77%; } .replbq { margin: 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid #000;*/ margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg { font-size: 13px; font-family:

Arial, helvetica,clean, sans-serif; *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size: inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99% Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code { font:115% monospace; *font-size:100%; } #ygrp-mlmsg * { line-height: 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a { font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li { font-size: 77%; list-style-type: square; padding: 6px 0; } #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text { font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right: none !important; } -->

9587. Fwd: 5zl

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-28 15:54:48 UTC
From: Steve
Topic: 9579 Message: 9587
Attachments: 1 described; binary payloads are missing from this source WARC

-------- Original Message --------
Subject: 5zl
From: "Flood, Steven" <sflood@blm.gov>
To: kk7uv@bresnan.net
CC:

OBJ

9588. Fwd: 5zl again

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-28 15:55:04 UTC
From: Steve
Topic: 9580 Message: 9588
Attachments: 1 described; binary payloads are missing from this source WARC

Sent from my Verizon Wireless 4G LTE DROID

-------- Original Message --------
Subject: 5zl again
From: "Flood, Steven" <sflood@blm.gov>
To: kk7uv@bresnan.net
CC:

9589. RE: [AWA Group] Fwd: 5zl again [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-29 00:24:00 UTC
From: Mike Feher
Topic: 9580 Message: 9589
Attachments: 1 described; binary payloads are missing from this source WARC

Sounds like the first Field Day. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Steve
Sent: Monday, April 28, 2014 11:55 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Fwd: 5zl again [1 Attachment]

Sent from my Verizon Wireless 4G LTE DROID

-------- Original Message --------
Subject: 5zl again
From: "Flood, Steven" <sflood@...>
To: kk7uv@...
CC:

Inline image 1

9590. EBAY alert: For a pair of 10's

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-29 01:09:30 UTC
From: Steve Flood
Topic: 9590 Message: 9590

http://www.ebay.com/itm/Two-New-Thordarson-Filament-Transformers-7-5-Volt-3-Amp-For-PCC88-Tubes-/111339350318?
<http://www.ebay.com/itm/Two-New-Thordarson-Filament-Transformers-7-5-Volt-3-Amp-For-PCC88-Tubes-/111339350318?&_trksid=p2056016.l4276>
&_trksid=p2056016.l4276

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

9591. Re: [AWA Group] John M. Clayton

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-29 02:25:23 UTC
From: Garey Barrell
Topic: 9575 Message: 9591

Apparently the '1DQ' call was his Connecticut call while he was Assistant Technical Editor of
QST in 1926.

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Steve Flood wrote:
>
> I found 5ZL for Clayton in two places. Apparently held more than one call.
>
>

9592. John M. Clayton 5ZL / 1DQ Why I asked.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-30 02:45:41 UTC
From: Louis Vermond
Topic: 9592 Message: 9592
Attachments: 2 described; binary payloads are missing from this source WARC

Thank you, Gary, Steve, Steve & Paul. You too, Mike.

There are two REL Cat. No.175 Hartley transmitters shown in a scanned REL catalogue that I have. It was the second and, I am assuming, later version that I restored last fall.

From that catalogue, the earlier No.175 rig is shown below. (Also, see attachments.)

Note the Cardwell variables (I.e., not REL.) and the #127 Type L transmitting coil that was split to make a tank and antenna loading coil.

Below from the 175 catalogue description.

Rig found in the above article by Clayton.

Why is this of interest to me? Recently I won a 175 transmitter on eBay which included the shipping box.
As you see, it's called out as a Type No. "W1BOC". Was this Clayton's call? As it turned out, the mystery continues.

From its parts list, the rig is complete.

Steve & Don please note..

9593. Another TNT-but with a twist ... Many thanks, Kevin

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-30 19:15:18 UTC
From: Louis Vermond
Topic: 9593 Message: 9593
Attachments: 1 described; binary payloads are missing from this source WARC

Many thanks, Kevin for introducing your TNT to the Group. As I recall saying before, it is very "clean".

Please run through your experiences with the initial testing. For example, finding the correct grid coil inductance. Are you using a series variable capacitor with the antenna loading ?
You mention questionable efficiencies when shorting out tank/grid coil turns to change bands. What are differences between input and output? Have you used capacitive coupling to a load? If so, what was the outcome? How about smoke? Smoke always adds to the story.

Tks agn, Lou VE3AWA

9594. Re: [AWA Group] John M. Clayton 5ZL / 1DQ Why I asked. [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-30 20:57:50 UTC
From: Garey Barrell
Topic: 9592 Message: 9594

Lou -

In the 1926/27 frame, Clayton was at ARRL and his call was definitely 1DQ. W1BOC doesn't come
up in a universal QST author search.

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Louis Vermond wrote:
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> have. It was the second and, I am assuming, later version that I restored last fall.
>

9595. Re: [AWA Group] John M. Clayton 5ZL / 1DQ Why I asked.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-30 21:03:56 UTC
From: Garey Barrell
Topic: 9592 Message: 9595

Lou -

Check <http://www.newsm.org/Wireless/wireless.html>!

W1BOC was Louis Carini, a 'noted wireless pioneer'.

In the 1926/27 frame, Clayton was at ARRL and his call was definitely 1DQ. W1BOC doesn't come
up in a universal QST author search.

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Louis Vermond wrote:
> Thank you, Gary, Steve, Steve & Paul. You too, Mike.
> There are two REL Cat. No.175 Hartley transmitters shown in a scanned REL catalogue that I
> have. It was the second and, I am assuming, later version that I restored last fall.
>

9596. Re: [AWA Group] John M. Clayton 5ZL / 1DQ Why I asked.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-04-30 21:21:21 UTC
From: Garey Barrell
Topic: 9592 Message: 9596
Attachments: 1 described; binary payloads are missing from this source WARC

AND

--
73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com (http://www.k4oah.com)>

9597. Fwd: [Glowbugs] Grandma works on the Big Iron

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-01 11:22:16 UTC
From: Larry Szendrei
Topic: 9597 Message: 9597

Forwarded from the Glowbugs list.

73,
-Larry/NE1S

Oh, to be there!

http://www.shorpy.com/node/17354

73,

Mike, K6RRE

9598. RE: [AWA Group] Fwd: [Glowbugs] Grandma works on the Big Iron

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-01 11:44:23 UTC
From: Mike Feher
Topic: 9597 Message: 9598

I guess you like older women Larry, HI.

Reminds me of when I lived in Florida. From mid-1974 to mid-1976 when my new bride and daughter moved to Sarasota as I accepted a position there. So, at the time I was almost 29 when we got there and moved to VA when I was almost 31. Met a lot of neat old hams down there. I remember this one old ham, was probably in his mid-60's at the time, but, certainly a lot older than I was, who had a problem with his 2 meter rig. By then I sort of built up a god reputation of being a collector and an engineer who could fix things. So, he brought over his 2 meter rig, and, I was able to fix it for him. We started talking about old age. I remember him telling me that he realized that he was getting older when more and more grandmothers looked sexier and sexier. Being pretty young then, I did not really appreciate what he was telling me. Now, that I am close to 69, I know exactly what he meant.
73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Larry Szendrei
Sent: Thursday, May 01, 2014 7:22 AM
To: AWAGroup@yahoogroups.com; AWA Reflector
Subject: [AWA Group] Fwd: [Glowbugs] Grandma works on the Big Iron

Forwarded from the Glowbugs list.

73,
-Larry/NE1S

Oh, to be there!

http://www.shorpy.com/node/17354

73,

Mike, K6RRE

9599. Re: [AWA Group] Fwd: [Glowbugs] Grandma works on the Big Iron

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-01 15:00:40 UTC
From: Larry Szendrei
Topic: 9597 Message: 9599

FB, Mike!

Although in this I wasn't paying as much attention to the woman as I was the equipment and schematic on the wall. (Admittedly, usually it would be the other way around. Maybe I'm getting old, too!).

73,
-Larry/NE1S

On 5/1/14 7:44 AM, Mike Feher wrote:
>
> I guess you like older women Larry, HI.
>
> Reminds me of when I lived in Florida. From mid-1974 to mid-1976 when
> my new bride and daughter moved to Sarasota as I accepted a position
> there. So, at the time I was almost 29 when we got there and moved to
> VA when I was almost 31. Met a lot of neat old hams down there. I
> remember this one old ham, was probably in his mid-60's at the time,
> but, certainly a lot older than I was, who had a problem with his 2
> meter rig. By then I sort of built up a god reputation of being a
> collector and an engineer who could fix things. So, he brought over
> his 2 meter rig, and, I was able to fix it for him. We started talking
> about old age. I remember him telling me that he realized that he was
> getting older when more and more grandmothers looked sexier and
> sexier. Being pretty young then, I did not really appreciate what he
> was telling me. Now, that I am close to 69, I know exactly what he
> meant. 73 -- Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] *On
> Behalf Of *Larry Szendrei
> *Sent:* Thursday, May 01, 2014 7:22 AM
> *To:* AWAGroup@yahoogroups.com; AWA Reflector
> *Subject:* [AWA Group] Fwd: [Glowbugs] Grandma works on the Big Iron
>
> Forwarded from the Glowbugs list.
>
> 73,
> -Larry/NE1S

> --------------------------------
>
> Oh, to be there!
>
> http://www.shorpy.com/node/17354
>
> 73,
>
> Mike, K6RRE
>
>

9600. RE: [AWA Group] Fwd: [Glowbugs] Grandma works on the Big Iron

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-01 15:11:26 UTC
From: Mike Feher
Topic: 9597 Message: 9600

I knew what you meant Larry, HI. Actually, the lady in the picture was a good looking young lady. I was only thinking of how she may look now, HI. Of course, she likely died a long time ago. Yes, the photo of the equipment is neat, and, I appreciate you providing the link. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Larry Szendrei
Sent: Thursday, May 01, 2014 11:01 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Fwd: [Glowbugs] Grandma works on the Big Iron

FB, Mike!

Although in this I wasn't paying as much attention to the woman as I was the equipment and schematic on the wall. (Admittedly, usually it would be the other way around. Maybe I'm getting old, too!).

73,
-Larry/NE1S

On 5/1/14 7:44 AM, Mike Feher wrote:

I guess you like older women Larry, HI.

Reminds me of when I lived in Florida. From mid-1974 to mid-1976 when my new bride and daughter moved to Sarasota as I accepted a position there. So, at the time I was almost 29 when we got there and moved to VA when I was almost 31. Met a lot of neat old hams down there. I remember this one old ham, was probably in his mid-60's at the time, but, certainly a lot older than I was, who had a problem with his 2 meter rig. By then I sort of built up a god reputation of being a collector and an engineer who could fix things. So, he brought over his 2 meter rig, and, I was able to fix it for him. We started talking about old age. I remember him telling me that he realized that he was getting older when more and more grandmothers looked sexier and sexier. Being pretty young then, I did not really appreciate what he was telling me. Now, that I am close to 69, I know exactly what he meant. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Larry Szendrei
Sent: Thursday, May 01, 2014 7:22 AM
To: AWAGroup@yahoogroups.com; AWA Reflector
Subject: [AWA Group] Fwd: [Glowbugs] Grandma works on the Big Iron

Forwarded from the Glowbugs list.

73,
-Larry/NE1S

Oh, to be there!

http://www.shorpy.com/node/17354

73,

Mike, K6RRE

9601. Re: [AWA Group] Fwd: [Glowbugs] Grandma works on the Big Iron

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-01 15:14:41 UTC
From: N1BUG
Topic: 9597 Message: 9601

There was equipment and a schematic in the photo? Huh... ;-)

73,
Bugsy

On 05/01/2014 11:11 AM, Mike Feher wrote:
>
>
> I knew what you meant Larry, HI. Actually, the lady in the picture
> was a good looking young lady. I was only thinking of how she may
> look now, HI. Of course, she likely died a long time ago. Yes, the
> photo of the equipment is neat, and, I appreciate you providing
> the link. 73 -- Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> *On Behalf Of *Larry Szendrei
> *Sent:* Thursday, May 01, 2014 11:01 AM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* Re: [AWA Group] Fwd: [Glowbugs] Grandma works on the
> Big Iron
>
> FB, Mike!
>
> Although in this I wasn't paying as much attention to the woman as
> I was the equipment and schematic on the wall. (Admittedly,
> usually it would be the other way around. Maybe I'm getting old,
> too!).
>
> 73,
> -Larry/NE1S
>
> On 5/1/14 7:44 AM, Mike Feher wrote:
>
> I guess you like older women Larry, HI.
>
> Reminds me of when I lived in Florida. From mid-1974 to
> mid-1976 when my new bride and daughter moved to Sarasota as I

> accepted a position there. So, at the time I was almost 29
> when we got there and moved to VA when I was almost 31. Met a
> lot of neat old hams down there. I remember this one old ham,
> was probably in his mid-60's at the time, but, certainly a lot
> older than I was, who had a problem with his 2 meter rig. By
> then I sort of built up a god reputation of being a collector
> and an engineer who could fix things. So, he brought over his
> 2 meter rig, and, I was able to fix it for him. We started
> talking about old age. I remember him telling me that he
> realized that he was getting older when more and more
> grandmothers looked sexier and sexier. Being pretty young
> then, I did not really appreciate what he was telling me. Now,
> that I am close to 69, I know exactly what he meant. 73 -- Mike
>
> Mike B. Feher, N4FS
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> 89 Arnold Blvd.
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> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com
> <mailto:AWAGroup@yahoogroups.com>
> [mailto:AWAGroup@yahoogroups.com] *On Behalf Of *Larry Szendrei
> *Sent:* Thursday, May 01, 2014 7:22 AM
> *To:* AWAGroup@yahoogroups.com
> <mailto:AWAGroup@yahoogroups.com>; AWA Reflector
> *Subject:* [AWA Group] Fwd: [Glowbugs] Grandma works on the
> Big Iron
>
> Forwarded from the Glowbugs list.
>
> 73,
> -Larry/NE1S
> ---------------------------------
>
>
> Oh, to be there!
>
> http://www.shorpy.com/node/17354
>
> 73,
>
> Mike, K6RRE
>
>
>
>

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

9602. Re: [AWA Group] John M. Clayton 5ZL / 1DQ Why I asked.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-02 12:32:02 UTC
From: Louis Vermond
Topic: 9592 Message: 9602
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Garey and thank you.

Not many dots to connect here. Let's consider the mystery solved.

Off this morning on a 5 day trip. 73, Lou

Lou - Check <http://www.newsm.org/Wireless/wireless.html>! W1BOC was Louis Carini, a 'noted wireless pioneer'.

9603. Gross Radio Coil Found

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-02 18:35:31 UTC
From: Bill Stewart
Topic: 9603 Message: 9603

While searching thur my coil form stock, I ran across a coil with
a Gross Radio sticker on it...appears to be unmodified. It has abt
15 turns and on a 4 pin form. The sticker has in pencil, 80...
an 80m coil? Anyone need it for a Gross rig?
73 de Bill K4JYS

9604. RE: Gross Coil

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-02 20:45:47 UTC
From: Bill Stewart
Topic: 9604 Message: 9604

Spoken for...Bill

9605. Variable Capacitors: SLW, SLF or SLC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-02 21:29:19 UTC
From: Bill Stewart
Topic: 9605 Message: 9605

Good Afternoon,
The Subj. terms crop up with me on occasion. In this case I am looking
for a couple of Cardwells (rcvr type) or equiv. with around 365-400 uuF.
The use will be in a simple one tube osc (xmtr). For the purpose of plate
and ant. loading I am thinking that the SLC would be proper. Am I right? Or,
for this use does it make any real diff. I can see that for rcvr use the
proper config should be selected for proper tracking, calib., etc . I think
these terms has something to do with the shape of the capacitor plates.
Can anyone point me to info on the proper use of the SLW, SLF, and
SLC variables.
Tnx...73 de Bill K4JYS

9606. de K1TG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-02 22:18:36 UTC
From: Roger Kuchera
Topic: 136 Message: 9606

Gentlemen,

I was intrigued by Larry's pix of the girl wireless operator. As a bit of trivia: Within 5 days of the Battle of Gettysburg (July 1-3, 1863). The Union Army had landline operators in the town. One was a female.

CUL, Roger/K1TG

9607. RE: [AWA Group] Variable Capacitors: SLW, SLF or SLC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-03 00:02:15 UTC
From: Steve Flood
Topic: 9605 Message: 9607

Cardwells (rcvr type) or equiv. with around 365-400 uuF. The 17-plate Cardwell 152B is 14-380pF according to the catalog.

thinking that the SLC would be proper. Am I right? I would not use a SLF or SLW cap for tuning the self-excited oscillators. I used one on my TNT and it is far too touchy near full mesh – which is where it needs to be to provide the proper high-capacity. SLC would work best here since it will ideally be used near the full mesh end of its tuning range. SLC also work well in tuning networks such as pi, T. or L nets.

proper use of the SLW, SLF, and SLC variables. I have a great reference…somewhere. The SLW and SLF plate profiles are cut such that the wavelength or frequency, respectively, can be displayed evenly across a tuning dial, or as a linear line on a tuning chart. SLC plates cause increasing crowding of stations as the cap unmeshes (higher in frequency).

Steve KK7UV

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

9608. Variable Capacitor nomenclature

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-03 22:39:16 UTC
From: JAMES HANLON
Topic: 9608 Message: 9608

SLC stands for "straight line capacitance." SLF stands for "straight line frequency." SLW stands for "straight line wavelength."

If you were using an SLC variable and the dial was calibrated in Capacitance units like picofarads, the dial divisions would all be the same across the dial scale.

If you were using an SLF variable and the dial was calibrated in Frequency units like Kilohertz or Megahertz, the dial divisions would be the same across the dial scale.

If you were using an SLW variable and the dial was calibrated in Wavelength units like Meters, the dial divisions would be the same across the dial scale.

Jim, W8KGI

9609. Re: [AWA Group] Variable Capacitor nomenclature

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-05 21:49:37 UTC
From: Bill Stewart
Topic: 9608 Message: 9609

Jim and Steve...tnx for the skinny on the variable cap. nomenclature.
73 de Bill K4JYS

----- Original Message -----

From: "JAMES HANLON" <knjhanlon@...>
To: "AWA Group" <awagroup@yahoogroups.com>
Sent: Saturday, May 3, 2014 6:39:16 PM
Subject: [AWA Group] Variable Capacitor nomenclature

SLC stands for "straight line capacitance." SLF stands for "straight line frequency." SLW stands for "straight line wavelength."

If you were using an SLC variable and the dial was calibrated in Capacitance units like picofarads, the dial divisions would all be the same across the dial scale.

If you were using an SLF variable and the dial was calibrated in Frequency units like Kilohertz or Megahertz, the dial divisions would be the same across the dial scale.

If you were using an SLW variable and the dial was calibrated in Wavelength units like Meters, the dial divisions would be the same across the dial scale.

Jim, W8KGI

9610. Fwd: [AWA] Museum collection of historic radio equipment about to be dumped. Can it be saved?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-07 18:24:04 UTC
From: Larry Szendrei
Topic: 9610 Message: 9610

Forwarded from the AM list, originally posted by Don Chester K4KYV today 5/7/14:

The following message was forwarded to me from Jerry Proc VE3FAB (E-mail: jerry.proc@... <mailto:jerry.proc@...> Web: http://jproc.ca)

This is a distress call to all enthusiasts of radio and radio history. The Radio Museum of Qu?bec located in Sorel, Qu?bec is in deep trouble. Some time ago , they had to vacate the existing premises where the radio collection was located. All artefacts were put into storage but no suitable site was ever found. Now the owner wants his tractor trailers back, all six of them.

The message below, sent a few weeks ago, did not result in a solution to save the radio collection at Mus?e Qu?b?cois de la radio inc. If a solution is not found within the next few days, the complete collection will go to the trash and will disappear at the end of the month. The collection is impressive. It contains over 1900 pieces of radio equipment and over three quarters of a million pages of documentation. The collection is presently stored on 130 pallets in six 53-foot trailers. The trailers are on loan and must be returned on the 31st of May. If storage space is not found, the entire collection could end up in the landfill. It was impossible to find a temporary warehouse for the collection. One solution was to purchase three or four used 53-foot trailers but the fund raising attempt did not generate enough funds. That option would have required at least $7,500.

Does anyone have any suggestions ? If no solution is found, can we save the collection by offering it to other museums in Canada? What to do on the 31st of May ? Open the trailers, let anyone take anything they want, and let the rest go to the dump? Return the trailers to the owners with the collection inside? The owner will certainly take the collection to the dump and invoice the Museum for the cost of disposal.

Here are the options:

Find a storage solution before the end of May

Donate the collection to other museums (must be picked up before the end of May)

Let anyone take what they want and send the rest to the dump

Send the entire collection to the dump

Abandoning the collection by returning the trailers with the collection inside

If you have any suggestions, or if you can help, please contact Jacques Hamel, VE2DJQ at: museeradio@...
<mailto:museeradio@...> Sorel-Tracy is within 75 kilometres (47 mi) of both Montr?al and Trois-Rivi?res, and is easily accessible via Autoroute 30 from the west and via Route 132 from the east and west.

A similar situation arose in Adelaide, South Australia two years ago when a local Council refused to renew an Aircraft & Radio Communications museum building lease because the dated building (owned by the Council!!) did not comply with 2012 Workplace Health & Safety Regulations. The cost of any alterations was expected to be borne by the museum; same situation: not enough funds raised to do that. The outcome was that the museum was closed on the due date; the museum committee contacted other museums around Australia plus authentic amateur radio clubs & some ''selected individuals'' (so items did not finish up on eBay!!) & as many items as possible were dispersed that way. The remainder was dumped. That was the second wireless/radio/communications museum in this State to go that route. The Postmaster Generals Department wireless, signalling & communication museum right in the middle of the Adelaide CBD was evicted due to property demand. The collection was broken up with most still stored in a caring individual's warehouse some 20 years later.

Don k4kyv

9611. RE: [AWA Group] Fwd: [AWA] Museum collection of historic radio equipment about to be dumped. Can it be saved?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-07 20:09:59 UTC
From: Mike Feher
Topic: 9610 Message: 9611

This is about the 20th time I saw this re-posted from Jerry Proc. For one thing, it is exactly why I would never donate to a museum. In my opinion, individual collectors appreciate the stuff a lot more within their group of friends/collectors than the general public in a museum anyway.

If it is really going to the dumpsters, then they must have been aware of it for a while rather than this last minute BS. Regardless, why do not sell off a part to collectors, raise some funds to pay for other temporary storage, now there would be less to store any way, until a final place can be located. Additionally, while it is in the temporary storage, the rest could be sold off to collectors, and, the funds could be donated to some charity or another museum. 73 ☐ Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Larry Szendrei
Sent: Wednesday, May 07, 2014 2:24 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Fwd: [AWA] Museum collection of historic radio equipment about to be dumped. Can it be saved?

Forwarded from the AM list, originally posted by Don Chester K4KYV today 5/7/14:

The following message was forwarded to me from Jerry Proc VE3FAB (E-mail: jerry.proc@... Web: http://jproc.ca)

This is a distress call to all enthusiasts of radio and radio history. The Radio Museum of Québec located in Sorel, Québec is in deep trouble. Some time ago , they had to vacate the existing premises where the radio collection was located. All artefacts were put into storage but no suitable site was ever found. Now the owner wants his tractor trailers back, all six of them.

The message below, sent a few weeks ago, did not result in a solution to save the radio collection at Musée Québécois de la radio inc. If a solution is not found within the next few days, the complete collection will go to the trash and will disappear at the end of the month. The collection is impressive. It contains over 1900 pieces of radio equipment and over three quarters of a million pages of documentation. The collection is presently stored on 130 pallets in six 53-foot trailers. The trailers are on loan and must be returned on the 31st of May. If storage space is not found, the entire collection could end up in the landfill. It was impossible to find a temporary warehouse for the collection. One solution was to purchase three or four used 53-foot trailers but the fund raising attempt did not generate enough funds. That option would have required at least $7,500.

Does anyone have any suggestions ? If no solution is found, can we save the collection by offering it to other museums in Canada? What to do on the 31st of May ? Open the trailers, let anyone take anything they want, and let the rest go to the dump? Return the trailers to the owners with the collection inside? The owner will certainly take the collection to the dump and invoice the Museum for the cost of disposal.

Here are the options:

Find a storage solution before the end of May

Donate the collection to other museums (must be picked up before the end of May)

Let anyone take what they want and send the rest to the dump

Send the entire collection to the dump

Abandoning the collection by returning the trailers with the collection inside

If you have any suggestions, or if you can help, please contact Jacques Hamel, VE2DJQ at: museeradio@... Sorel-Tracy is within 75 kilometres (47 mi) of both Montréal and Trois-Rivières, and is easily accessible via Autoroute 30 from the west and via Route 132 from the east and west.

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The collection was broken up with most still stored in a caring individual's warehouse some 20 years later.

Don k4kyv

9612. Radio Museum of Quebec in trouble!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-07 22:11:57 UTC
From: JAMES HANLON
Topic: 9612 Message: 9612

Y'all,

This just showed up on the Boatanchors reflector. Is there anything either the AWA or individual AWA members can do?

Jim Hanlon, W8KGI

--Forwarded Message Attachment--
From: jerry7proc@...
To: boatanchors@theporch.com
Date: Mon, 5 May 2014 14:05:45 -0700
Subject: [BoatAnchors] CQD CQD CQD SOS SOS SOS de Radio Museum of Quebec

CQD CQD CQD SOS SOS SOS de Radio Museum
of Quebec

Background:

This is a distress call to all enthusiasts of
radio and radio history. The Radio Museum of Quebec located in Sorel
Quebec is in deep trouble. Some time ago , they had to vacate the existing premises
where the radio collection was located. All artifacts were put into storage but no suitable
site was ever found. Now the
owner wants his tractor trailers back.

Forwarded content:

The message below, sent a few weeks ago, did not
result in a solution to save the radio collection at Musée Québécois de la
radio inc. If a solution is not found within the next few days, the complete
collection will go to the thrash and will disappear at the end of the month.
The collection is impressive. It contains over 1900 pieces of radio equipment
and over three quarters of a million pages of documentation. The collection is
presently stored on 130 pallets in six 53-foot trailers. The trailers are on
loan and must be returned on the 31st of May. If storage space is not found,
the entire collection could end up in the garbage. It was impossible to find a
temporary warehouse for the collection. One solution was to purchase three or
four used 53-foot trailers but the fund raising attempt did not generate enough
funds. That option would have required at least $7,500.

Does anyone have any suggestions ? If no
solution is found, can we save the collection by offering it to other museums
in Canada ?

What to do on the 31st of May ? Open the
trailers, let anyone take anything they want, and let the rest go to the dump ?

Or return the trailers to the owners with the
collection inside ? The owner will certainly take the collection to the dump
and invoice the Museum for the cost of disposal.

Here are the options:

Find
a storage solution before the end of May
Donate
the collection to other museums (must be picked up before the end of May)
Let
anyone take what they want and send the rest to the dump
Send
the entire collection to the dump
Abandoning
the collection by returning the trailers with the collection inside

If you have any suggestions, or if you can
help,
please contact Jacques Hamel, VE2DJQ at: museeradio@...

*****
End of forwarded content
--
Regards,
Jerry Proc
E-mail: jerry7proc@...m

9613. Re: [AWA Group] Fwd: [AWA] Museum collection of historic radio equipment about to be dumped. Can it be saved?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-07 22:36:06 UTC
From: Larry Szendrei
Topic: 9610 Message: 9613

I agree, Mike. It should never have gotten to this point, and I think the best solution is to get it into the hands of private collectors. I don't understand the aversion to Ebay - it's the free market at work, and the most likely outcome is the winner of the auction is the one who will appreciate the item the most, and therefore give it the best home. The only valid reason for shunning sale on Ebay or another venue is the considerable work involved in packing and shipping the item, or at least taking it to someone to do it (the buyer would pay for this service for it to work, obviously).

I re-posted it because it HAS gotten to the crisis stage, and I hate to see beautiful old gear being scrapped when there are people out there that would love to have it. My position is give it away if you have to, and if the person it's given to wants to turn a buck on it for his efforts, that's OK, and much preferable to the dumpster.

73,
-Larry/NE1S

On 5/7/14 4:09 PM, Mike Feher wrote:
>
> This is about the 20th time I saw this re-posted from Jerry Proc. For
> one thing, it is exactly why I would never donate to a museum. In my
> opinion, individual collectors appreciate the stuff a lot more within
> their group of friends/collectors than the general public in a museum
> anyway.
>
> If it is really going to the dumpsters, then they must have been aware
> of it for a while rather than this last minute BS. Regardless, why do
> not sell off a part to collectors, raise some funds to pay for other
> temporary storage, now there would be less to store any way, until a
> final place can be located. Additionally, while it is in the temporary
> storage, the rest could be sold off to collectors, and, the funds
> could be donated to some charity or another museum. 73 -- Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
>

9614. RE: [AWA Group] Fwd: [AWA] Museum collection of historic radio equipment about to be dumped. Can it be saved?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-07 22:49:21 UTC
From: Mike Feher
Topic: 9610 Message: 9614

I agree with all you said Larry - 100%. . 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Larry Szendrei
Sent: Wednesday, May 07, 2014 6:36 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Fwd: [AWA] Museum collection of historic radio equipment about to be dumped. Can it be saved?

I agree, Mike. It should never have gotten to this point, and I think the best solution is to get it into the hands of private collectors. I don't understand the aversion to Ebay - it's the free market at work, and the most likely outcome is the winner of the auction is the one who will appreciate the item the most, and therefore give it the best home. The only valid reason for shunning sale on Ebay or another venue is the considerable work involved in packing and shipping the item, or at least taking it to someone to do it (the buyer would pay for this service for it to work, obviously).

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If it is really going to the dumpsters, then they must have been aware of it for a while rather than this last minute BS. Regardless, why do not sell off a part to collectors, raise some funds to pay for other temporary storage, now there would be less to store any way, until a final place can be

located. Additionally, while it is in the temporary storage, the rest could be sold off to collectors, and, the funds could be donated to some charity or another museum. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

9615. Re: [AWA Group] Fwd: [AWA] Museum collection of historic radio equipment about to be dumped. Can it be saved?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-07 23:13:27 UTC
From: Louis Vermond
Topic: 9610 Message: 9615

Has anyone here actually seen the collection? Lou

----- Original Message -----
From: Larry Szendrei
To: AWAGroup@yahoogroups.com
Sent: 2014-05-07 6:36 PM
Subject: Re: [AWA Group] Fwd: [AWA] Museum collection of historic radio equipment about to be dumped. Can it be saved?

I agree, Mike. It should never have gotten to this point, and I think the best solution is to get it into the hands of private collectors. I don't understand the aversion to Ebay - it's the free market at work, and the most likely outcome is the winner of the auction is the one who will appreciate the item the most, and therefore give it the best home. The only valid reason for shunning sale on Ebay or another venue is the considerable work involved in packing and shipping the item, or at least taking it to someone to do it (the buyer would pay for this service for it to work, obviously).

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73,
-Larry/NE1S

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

9616. RE: [AWA Group] Fwd: [AWA] Museum collection of historic radio equipment about to be dumped. Can it be saved?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-07 23:42:51 UTC
From: Mike Feher
Topic: 9610 Message: 9616

Lou -

Are you suggesting it does not exist? The little I know about Jerry Proc, I might believe that. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Wednesday, May 07, 2014 7:13 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Fwd: [AWA] Museum collection of historic radio equipment about to be dumped. Can it be saved?

Has anyone here actually seen the collection? Lou

----- Original Message -----

From: Larry Szendrei <mailto:ne1s@...>

To: AWAGroup@yahoogroups.com

Sent: 2014-05-07 6:36 PM

Subject: Re: [AWA Group] Fwd: [AWA] Museum collection of historic radio equipment about to be dumped. Can it be saved?

I agree, Mike. It should never have gotten to this point, and I think the best solution is to get it into the hands of private collectors. I don't understand the aversion to Ebay - it's the free market at work, and the most likely outcome is the winner of the auction is the one who will appreciate the item the most, and therefore give it the best home. The only valid reason for shunning sale on Ebay or another venue is the considerable work involved in packing and shipping the item, or at least taking it to someone to do it (the buyer would pay for this service for it to work, obviously).

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If it is really going to the dumpsters, then they must have been aware of it for a while rather than this last minute BS. Regardless, why do not sell off a part to collectors, raise some funds to pay for other temporary storage, now there would be less to store any way, until a final place can be located. Additionally, while it is in the temporary storage, the rest could be sold off to collectors, and, the funds could be donated to some charity or another museum. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

9617. Re: [AWA Group] Fwd: [AWA] Museum collection of historic radio equipment about to be dumped. Can it be saved?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-07 23:52:48 UTC
From: Louis Vermond
Topic: 9610 Message: 9617

Not at all, Mike. Just wondering how "interesting" the pieces are...

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: 2014-05-07 7:42 PM
Subject: RE: [AWA Group] Fwd: [AWA] Museum collection of historic radio equipment about to be dumped. Can it be saved?

Lou -

Are you suggesting it does not exist? The little I know about Jerry Proc, I might believe that. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Wednesday, May 07, 2014 7:13 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Fwd: [AWA] Museum collection of historic radio equipment about to be dumped. Can it be saved?

Has anyone here actually seen the collection? Lou

----- Original Message -----

From: Larry Szendrei

To: AWAGroup@yahoogroups.com

Sent: 2014-05-07 6:36 PM

Subject: Re: [AWA Group] Fwd: [AWA] Museum collection of historic radio equipment about to be dumped. Can it be saved?

I agree, Mike. It should never have gotten to this point, and I think the best solution is to get it into the hands of private collectors. I don't understand the aversion to Ebay - it's the free market at work, and the most likely outcome is the winner of the auction is the one who will appreciate the item the most, and therefore give it the best home. The only valid reason for shunning sale on Ebay or another venue is the considerable work

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-Larry/NE1S

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If it is really going to the dumpsters, then they must have been aware of it for a while rather than this last minute BS. Regardless, why do not sell off a part to collectors, raise some funds to pay for other temporary storage, now there would be less to store any way, until a final place can be located. Additionally, while it is in the temporary storage, the rest could be sold off to collectors, and, the funds could be donated to some charity or another museum. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

9618. REL Cat. 175 arrived... 1 of 2

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-08 01:38:39 UTC
From: Louis Vermond
Topic: 9618 Message: 9618
Attachments: 4 described; binary payloads are missing from this source WARC

Hello,

Last Friday morning my wife and I were on our way out of town for a 6 day driving trip. Stopped by the post office and, surprise, the rig was there. Returned home to drop it off. Hardest thing I ever did in my life was not to open the box before continuing our trip.

Returned home late last night, but decided to await a new day and a clear eye...second hardest thing I ever did.

Below are a few findings and points.

Inside the filament switch box was the original kit flashlight lamp for tuning the antenna coil to resonance. The filament is good.

"175" is in ink, "W1BOC" in pencil.

Below last week from OM Garey - K4OAH

Turns out that the rig was not designed for REL by W1BOC as I assumed, but purchased by him.

9619. REL Cat. 175 arrived... 2 of 2

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-08 01:41:28 UTC
From: Louis Vermond
Topic: 9619 Message: 9619
Attachments: 7 described; binary payloads are missing from this source WARC

Just out of the original box. No damage...

The grid leak is 12K not 5K as called out in the catalogue description.
The buss wire from the underside of the Sangamo to the bracket is for support only.

In the sellers photo the RFC looked grungy unlike the rest of the rig. The winding was waxed making it a dirt magnet.

Buss / antenna coil connection. Nicely formed around the tanks ribbon, but never soldered.

Plate blocking condenser/tank winding connection to left of clip. Soldered, but loose.
These Engineers...I tell ya.

Series "C" Cardwells, #171-C / 350 mmfd.

After tracing the hook-up, tightening connections, verifying part values and measuring voltages had to fire it up of course. :0(
Ip = nothing. No SKEDS tonight...

73, Lou
VE3AWA

9620. RE: [AWA Group] REL Cat. 175 arrived... 2 of 2

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-08 01:46:40 UTC
From: Mike Feher
Topic: 9619 Message: 9620
Attachments: 7 described; binary payloads are missing from this source WARC

Very nice Lou - I am envious. Enjoy it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Wednesday, May 07, 2014 9:41 PM
To: AWAGroup
Subject: [AWA Group] REL Cat. 175 arrived... 2 of 2

Just out of the original box. No damage...

The grid leak is 12K not 5K as called out in the catalogue description.

The buss wire from the underside of the Sangamo to the bracket is for support only.

In the sellers photo the RFC looked grungy unlike the rest of the rig. The winding was waxed making it a dirt magnet.

Buss / antenna coil connection. Nicely formed around the tanks ribbon, but never soldered.

Plate blocking condenser/tank winding connection to left of clip. Soldered, but loose.

These Engineers...I tell ya.

Series "C" Cardwells, #171-C / 350 mmfd.

After tracing the hook-up, tightening connections, verifying part values and measuring voltages had to fire it up of course. :0(

Ip = nothing. No SKEDS tonight...

73, Lou

VE3AWA

9621. Re: [AWA Group] REL Cat. 175 arrived... 2 of 2

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-08 02:22:37 UTC
From: Louis Vermond
Topic: 9619 Message: 9621
Attachments: 1 described; binary payloads are missing from this source WARC

Very nice Lou - I am envious. Enjoy it. 73 - Mike

Thank you Mike, I will.

Before it arrived I was fretting over whether or not I should just lightly clean it, make it operational leavening it as originally built as possible. Now that I see the builders less than wonderful assembly and wiring I will probably break it down restoring each element than reassemble and wire to my satisfaction. No additional parts or circuit changes though...

73, Lou

9622. Re: [AWA Group] REL Cat. 175 arrived... 2 of 2

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-08 11:11:38 UTC
From: Larry Szendrei
Topic: 9619 Message: 9622

On 5/7/14 10:22 PM, Louis Vermond wrote:
>
> Very nice Lou -- I am envious. Enjoy it. 73 -- Mike
> Thank you Mike, I will.
> Before it arrived I was fretting over whether or not I should just
> lightly clean it, make it operational leavening it as originally
> built as possible. Now that I see the builders less than wonderful
> assembly and wiring I will probably break it down restoring each
> element than reassemble and wire to my satisfaction. No additional
> parts or circuit changes though...
> 73, Lou
>
I suspect many (most?) of the amateur transmitters built in that era, -
and other eras, too, for that matter - were not constructed as carefully
and are not as "pretty" as the photos published in the QST articles or
ads. For many the objective was just to get on the air, and
appearance/attention to detail/aesthetics was not an important
consideration. But for those who value form equally to function, it is
an added source of pride and enjoyment.

73,
-Larry/NE1S

9623. CQD CQD CQD SOS SOS SOS Radio Museum of Quebec

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-08 12:02:13 UTC
From: Mike Feher
Topic: 9623 Message: 9623

FYI - Some photos of the museum. Looks like they have some real nice equipment. Besides nice, very valuable as well. I know Ralph and trust him. A 3 month reprieve sounds nice. Hope in that time they will figure out what to do. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

-----Original Message-----
From: Milsurplus [mailto:milsurplus-bounces@...] On Behalf Of Ralph Cameron
Sent: Wednesday, May 07, 2014 10:50 PM
To: milsurplus@...
Subject: [Milsurplus] CQD CQD CQD SOS SOS SOS Radio Museum of Quebec

Good news !! The first objective has been achieved. The radio collection owned by Musée québécois de la radio has been saved but only for three months. A temporary storage location has been found until August 16, 2014. We now have an additional three months to find a permanent solution for the collection.
****
As you know, the collection is impressive. It contains over 1900 pieces of radio equipment and over three quarters of a million pages of documentation. It is part of our history. We cannot stand by and let this collection end up in the garbage. I have added some photos of the radio collection on my historical site "radiocommunications.ca". Here is the link:
**
*
http://www.radiocommunications.ca/Photos/COLLECTION_28/index..html
<http://www.radiocommunications.ca/Photos/COLLECTION_28/index.html>
*
*Thank you to all those of you who have contacted Jacques and who are presently working on permanent solutions. If anyone can help, please contact
* *Jacques Hamel, VE2DJQ at: museeradio@...
<mailto:museeradio@...>*
**
Jacques will also need help between May 16 and May 30 to move the radio collection to a storage area at the "Promenades de Sorel" shopping centre. Please let Jacques know if you can help.
**
Please do not contact me on this matter. I am only the relay station (QSP). Jacques is the right person to contact.
73
**

Donald Courcy, VE3PU
*Guardian of Radio History: www.radiocommunications.ca
<http://www.radiocommunications.ca>*
Courriel: doncourcy@... <mailto:doncourcy@...>
**

<http://www.avast.com/>

--

_____
Milsurplus mailing list
Home: http://mailman.qth.net/mailman/listinfo/milsurplus
Help: http://mailman.qth.net/mmfaq.htm
Post: mailto:Milsurplus@...

This list hosted by: http://www.qsl.net
Please help support this email list: http://www.qsl.net/donate.html

9624. Teleradio

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-10 00:45:50 UTC
From: Michael A. Bittner
Topic: 9624 Message: 9624

Help needed for schematic diagram. Perhaps the incrdible store of knowledge available on this list can be of help with my latest swap meet find.

It is a used set of front-end coils for a Teleradio 4-band receiver. They must have come from a fairly high-end radio as there are two 4-band, shielded RF coils in addition to the matching 4-band, shielded antenna and oscillator coils. Their shiields are 2" squuare by 5" high and stamped 8F80 Ant, 8F81 RFs and 8F82 osc. Preliminary resonance check shows them covering BCB to 15 MHz. I checked Radiomuseum and they show Teleradios with up to 3 bands, but no higher.

I have restored these coils to near original condition and would like to put them to use. Can anyone identify what radio they came from and possibly help with a scematic diagram?

Mike-W6MAB

9625. Wire for RF Osc Coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-14 20:55:01 UTC
From: Bill Stewart
Topic: 9625 Message: 9625

Good afternoon all,
I am looking for some #20 DSC & #18 DSC wire. The supplier only
lists DCC and magnet wire. The turns spacings for the 3 coils are:
close wound, dia of wire and twice wire dia. The coil dia is 1.5 inches.
I know they specified DSC wire for a reason....but my question is
will it make any real difference if I use DCC or magnet wire...same
wire sizes, tpi.....just diff. insulation. The coils are for an rf osc.
Tnx...73 de Bill K4JYS

9626. Re: [AWA Group] Wire for RF Osc Coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-14 22:19:41 UTC
From: Leonard Meek
Topic: 9625 Message: 9626

How critical is the type, size, etc. of the wire for coils? I wind coils with whatever I find in my junk box and then coat them with home made Q dope and they seem to work just fine. Is it practical to be so precise about something the can be skewed by stray capacitance or other unknown? The coil can be wound on a small form with a powdered iron core and adjusted to the exact inductance if necessary. On the other hand, if you're looking for the Higgs Boson.....

Leonard

----- Original Message -----
From: Bill Stewart cwopr@... [AWAGroup]
To: AWA Group
Sent: Wednesday, May 14, 2014 10:55 AM
Subject: [AWA Group] Wire for RF Osc Coils

Good afternoon all,

I am looking for some #20 DSC & #18 DSC wire. The supplier only
lists DCC and magnet wire. The turns spacings for the 3 coils are:

close wound, dia of wire and twice wire dia. The coil dia is 1.5 inches.

I know they specified DSC wire for a reason....but my question is

will it make any real difference if I use DCC or magnet wire...same

wire sizes, tpi.....just diff. insulation. The coils are for an rf osc.
Tnx...73 de Bill K4JYS

9627. Re: [AWA Group] Wire for RF Osc Coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-15 11:03:53 UTC
From: Larry Szendrei
Topic: 9625 Message: 9627

Hi Bill,

Practically I don't think it will make any noticeable difference if you use enameled or DCC wire to replace the specified DSC wire.

Here are the considerations as I see them:

1. The interwinding capacitance may be different because of the differing dielectric constants of the insulation materials.
2. The Q of the windings may be different due to differing loss factors in the insulation materials.

The effects will be greatest for the close-wound case, and less so for spaced windings - the larger the turn-to-turn spacing the smaller the difference.

I would go with the DCC over enameled magnet wire for aesthetic reasons.

73,
-Larry/NE1S

On 5/14/14 4:55 PM, Bill Stewart cwopr@... [AWAGroup] wrote:
>
> Good afternoon all,
>
> I am looking for some #20 DSC & #18 DSC wire. The supplier only
> lists DCC and magnet wire. The turns spacings for the 3 coils are:
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> close wound, dia of wire and twice wire dia. The coil dia is 1.5 inches.
>
> I know they specified DSC wire for a reason....but my question is
>
> will it make any real difference if I use DCC or magnet wire...same
>
> wire sizes, tpi.....just diff. insulation. The coils are for an rf osc.
> Tnx...73 de Bill K4JYS
>
> __

9628. Re: [AWA Group] Wire for RF Osc Coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-15 12:10:43 UTC
From: Louis Vermond
Topic: 9625 Message: 9628

The supplier only lists DCC and magnet wire. Who is this supplier? Tks, Lou

9629. Re: [AWA Group] Wire for RF Osc Coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-15 16:54:29 UTC
From: Bill Stewart
Topic: 9625 Message: 9629

Hi Lou...PTOP

----- Original Message -----

From: "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Thursday, May 15, 2014 8:10:43 AM
Subject: Re: [AWA Group] Wire for RF Osc Coils

☐
The supplier only lists DCC and magnet wire. Who is this supplier? Tks, Lou

9630. Re: [AWA Group] Wire for RF Osc Coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-15 18:01:03 UTC
From: Louis Vermond
Topic: 9625 Message: 9630

Shoulda known. Tks, Bill. Lou

----- Original Message -----
From: Bill Stewart cwopr@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-05-15 12:54 PM
Subject: Re: [AWA Group] Wire for RF Osc Coils

Hi Lou...PTOP

From: "Louis Vermond ldvermond@sympatico.ca [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Thursday, May 15, 2014 8:10:43 AM
Subject: Re: [AWA Group] Wire for RF Osc Coils

□

The supplier only lists DCC and magnet wire. Who is this supplier? Tks, Lou

9631. Re: [AWA Group] REL Cat. 175 arrived... 2 of 2

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-15 21:19:02 UTC
From: Ron Barlow
Topic: 9619 Message: 9631

Congrats on the great find, Lou!!! Looks great!
73 de Ron n4gjv

On Wed, 5/7/14, Louis Vermond <ldvermond@...> wrote:

Subject: Re: [AWA Group] REL Cat. 175 arrived... 2 of 2
To: AWAGroup@yahoogroups.com
Date: Wednesday, May 7, 2014, 7:22 PM

Very
nice Lou – I am envious.
Enjoy it. 73 – Mike

Thank you
Mike, I will.

Before it
arrived I was fretting over whether or not I should just
lightly clean it, make
it operational leavening it as originally built as
possible. Now that
I see the builders less than wonderful assembly and wiring I
will probably break
it down restoring each element than reassemble and wire to
my
satisfaction. No additional parts or circuit changes
though...

73,
Lou

9632. Re: [AWA Group] Wire for RF Osc Coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-17 18:43:12 UTC
From: Bill Stewart
Topic: 9625 Message: 9632

Tnx Larry & Leonard for your responses.
I'll go for the DCC wire...73, Bill K4JYS

----- Original Message -----

From: "Larry Szendrei ne1s@securespeed.us [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Thursday, May 15, 2014 7:03:53 AM
Subject: Re: [AWA Group] Wire for RF Osc Coils

Hi Bill,

Practically I don't think it will make any noticeable difference if you use enameled or DCC wire to replace the specified DSC wire.

Here are the considerations as I see them:

1. The interwinding capacitance may be different because of the differing dielectric constants of the insulation materials.
2. The Q of the windings may be different due to differing loss factors in the insulation materials.

The effects will be greatest for the close-wound case, and less so for spaced windings - the larger the turn-to-turn spacing the smaller the difference.

I would go with the DCC over enameled magnet wire for aesthetic reasons.

73,
-Larry/NE1S

On 5/14/14 4:55 PM, Bill Stewart cwopr@embarqmail.com [AWAGroup] wrote:

Good afternoon all,
I am looking for some #20 DSC & #18 DSC wire. The supplier only
lists DCC and magnet wire. The turns spacings for the 3 coils are:
close wound, dia of wire and twice wire dia. The coil dia is 1.5 inches.
I know they specified DSC wire for a reason....but my question is
will it make any real difference if I use DCC or magnet wire...same
wire sizes, tpi.....just diff. insulation. The coils are for an rf osc.
Tnx...73 de Bill K4JYS
--

9633. RE: [AWA Group] Crystal Filter adjustment procedures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-19 00:57:52 UTC
From: Steve Flood
Topic: 9390 Message: 9633

Hi Jim,

I've been meaning to get back to you on this. I'd like to try your procedure out. I have three rigs with xtal phasing (HRO-W, NC-101X, HQ-120X).

The reason for me taking so long to reply is that I've been trying to figure out whether the QST method is 'wrong' or whether my phasing controls are not properly set up. None of my manuals for these rigs are very clear on the calibration process, and the manual descriptions of how they are supposed to work do not match what I observe.

Steve, KK7UV

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of JAMES HANLON
Sent: Saturday, March 29, 2014 4:25 PM
To: boatanchors; AWA Group; AMradio
Subject: [AWA Group] Crystal Filter adjustment procedures

Folks,

I'm involved in a discussion with the Editor and the Senior Assistant Technical Editor of QST and the author about the article published in the April issue of QST, "Crystal Phasing." I've tried the procedure outlined in the article under "Adjusting the Crystal Resonator Filter," and I've not been able to make it work. I've written up an alternate procedure that I believe will work on any receiver of any make that uses a vintage crystal filter.

I need some volunteers to try both procedures. It is entirely possible that I'm mistaken about the QST procedure, and I'd like to know that if I am. I'd also like to know if my procedure works, and I'd appreciate suggestions about how to make it better. It may eventually show up as a Technical Note in QST if the folks there can be convinced that there is a problem with the one that they published.

If you have a receiver with a vintage crystal filter, any make, and you would be willing to spend a little time trying out these two procedures, please let me know. I will respond with an email containing a copy of the QST article and a copy of my proposed procedure. I will report your results, whatever they may be, to the folks at QST.

Thanks very much,

Jim Hanlon, W8KGI

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

9634. IC chips

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-19 22:43:42 UTC
From: Leonard Meek
Topic: 9634 Message: 9634

This may be off topic, but I just inventoried a several hundred IC chips I found in my junk box. Most of them had regular industry numbers on them but many had 8 digit numbers like, 20485132 or 14473233 on them. I used to have a cross reference, listing IC's with these kind of numbers on them, but I can't find it anywhere. I can't find anything on the net either. Does anyone know of such a list that can be downloaded?

Leonard

9635. REL Cat. 175 arrived... & Ron n4gjv

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-21 14:59:33 UTC
From: Louis Vermond
Topic: 9635 Message: 9635

Thank you, Ron. Sri for taking this long to respond. I'm so focused on the rig the grass it a foot high.

73, Lou
VE3AWA

Congrats on the great find, Lou!!! Looks great!
73 de Ron n4gjv

On Wed, 5/7/14, Louis Vermond <ldvermond@...> wrote:

Subject: Re: [AWA Group] REL Cat. 175 arrived... 2 of 2
To: AWAGroup@yahoogroups.com
Date: Wednesday, May 7, 2014, 7:22 PM

Very
nice Lou – I am envious.
Enjoy it. 73 – Mike

Thank you
Mike, I will.

Before it
arrived I was fretting over whether or not I should just
lightly clean it, make
it operational leavening it as originally built as
possible. Now that
I see the builders less than wonderful assembly and wiring I
will probably break
it down restoring each element than reassemble and wire to
my
satisfaction. No additional parts or circuit changes
though...

73,
Lou

9636. Re: [AWA Group] REL Cat. 175 arrived... & Ron n4gjv

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-21 15:04:12 UTC
From: Steve
Topic: 9635 Message: 9636

> I'm so focused on the rig the grass it a foot high.

" The Amateur is balanced -- radio is a hobby. He never allows it to
interfere with any of the duties he owes to his home, his job, his school,
or his community, unless he is restoring an REL 175 "

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

9637. Re: [AWA Group] REL Cat. 175 arrived... & Ron n4gjv

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-21 18:48:44 UTC
From: Louis Vermond
Topic: 9635 Message: 9637
Attachments: 1 described; binary payloads are missing from this source WARC

" The Amateur is balanced -- radio is a hobby. He never allows it to interfere with any of the duties he owes to his home, his job, his school, or his community, unless he is restoring an REL 175 "

.

9638. 175 ...Start of restoration.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-21 23:25:37 UTC
From: Louis Vermond
Topic: 9638 Message: 9638
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

9639. Re: [AWA Group] 175 ...Start of restoration. [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-21 23:28:40 UTC
From: Preston Clark
Topic: 9638 Message: 9639

What radio is it

Sent from my iPhone

> On May 21, 2014, at 18:25, "Louis Vermond ldvermond@... [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:
>
> <Apart 700.jpg>
>
>
> <Apart 1500.jpg>

9640. 175 ...Hello Preston,

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-22 00:27:45 UTC
From: Louis Vermond
Topic: 9640 Message: 9640
Attachments: 1 described; binary payloads are missing from this source WARC

What radio is it.

It is an REL Hartley rig.

73, Lou
VE3AWA

9641. RE: [AWA Group] 175 ...Start of restoration. [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-22 06:52:26 UTC
From: Mike Feher
Topic: 9638 Message: 9641
Attachments: 1 described; binary payloads are missing from this source WARC

It is going to be a beauty - nice job Lou. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, May 21, 2014 7:26 PM
To: AWAGroup
Subject: [AWA Group] 175 ...Start of restoration. [1 Attachment]

9642. Latest AWA Journal

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-22 18:57:23 UTC
From: Roger Kuchera
Topic: 9642 Message: 9642

This is the first time I've ever appeared in print (pg. 15). Wow!

Roger.

9643. eBay Alert LOOK!!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-26 14:52:23 UTC
From: Louis Vermond
Topic: 9643 Message: 9643

http://www.ebay.com/itm/Vintage-Ham-Home-built-Transmiter-Has-tubes-coils-Crystal-lots-of-parts-/281346017780?ssPageName=ADME:B:SS:CA:3160

9644. RE: [AWA Group] eBay Alert LOOK!!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-26 15:13:38 UTC
From: Mike Feher
Topic: 9643 Message: 9644

Nicely done. Looks like possibly Hammarlund coil forms and the output tank is definitely from a BC-610. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, May 26, 2014 10:52 AM
To: AWAGroup
Subject: [AWA Group] eBay Alert LOOK!!!

http://www.ebay.com/itm/Vintage-Ham-Home-built-Transmiter-Has-tubes-coils-Crystal-lots-of-parts-/281346017780?ssPageName=ADME:B:SS:CA:3160

9645. Re: [AWA Group] eBay Alert LOOK!!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-26 15:42:37 UTC
From: Michael A. Bittner
Topic: 9643 Message: 9645

Louis,

I have some pieces of old Square hookup wire salvaged from an antique homebrew radio. The longest piece is 9.5 inches long, not counting bent portions. I thought this might be of interest to you for your REL transmitter project. It's yours for the cost of postage. If interested, let me know with a shipping address and I will figure the shipping cost. If not interested, no problem.
http://s1367.photobucket.com/user/kmmab/media/IMG_8017_zps378fe210.jpg.html

Mike Bittner, W6MAB
----- Original Message -----
From: Louis Vermond ldvermond@... [AWAGroup]
To: AWAGroup
Sent: Monday, May 26, 2014 7:52 AM
Subject: [AWA Group] eBay Alert LOOK!!!

9646. Fw: [AWA Group] eBay Alert LOOK!!! Mike, W6MAB

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-27 13:40:08 UTC
From: Louis Vermond
Topic: 9646 Message: 9646
Attachments: 2 described; binary payloads are missing from this source WARC

I have some pieces of old Square hookup wire salvaged from an antique homebrew radio. It's yours for the cost of postage.

Thank you, Mike. I have lengths of square buss as well so I'm covered. 73, Lou

As for yesterday...

9647. Replica Re: eBay Alert LOOK!!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-27 18:35:48 UTC
From: wn2ami@...
Topic: 9643 Message: 9647

Looks like modern treated lumber used to me.
carpenter bob...w2ami

9648. Cat. 175 Kit Arrived Today

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-28 01:50:50 UTC
From: Louis Vermond
Topic: 9648 Message: 9648
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

9649. Re: [AWA Group] Cat. 175 Kit Arrived Today [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-28 02:09:45 UTC
From: Garey Barrell
Topic: 9648 Message: 9649

Beautiful!!

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Louis Vermond ldvermond@... [AWAGroup] wrote:
>

9650. K3PID

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-28 02:20:56 UTC
From: Mike Feher
Topic: 9650 Message: 9650

Please welcome Ron to the group. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

9651. Re: [AWA Group] K3PID

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-28 02:25:18 UTC
From: Louis Vermond
Topic: 9650 Message: 9651

Welcome to the Group, Ron. Please introduce yourself.

73, Lou VE3AWA

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-05-27 10:20 PM
Subject: [AWA Group] K3PID

Please welcome Ron to the group. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

9652. Re: [AWA Group] K3PID

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-28 10:27:17 UTC
From: Larry Szendrei
Topic: 9650 Message: 9652

Welcome to the group, Ron!

-Larry/NE1S

On 5/27/14 10:20 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Please welcome Ron to the group. 73 - Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
>

9653. Howdy Ron!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-28 19:07:51 UTC
From: Roger Kuchera
Topic: 9653 Message: 9653

Welcome to the League of Extraordinary Gentlemen. Nice folks to a man.

CUL, Roger/K1TG

9654. Re: [AWA Group] K3PID

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-28 19:27:10 UTC
From: Bill Stewart
Topic: 9650 Message: 9654

Welcome Ron,
If you are interested in 1920s technology, hope you will consider joining us for the Bruce Kelley 1929 QSO party. And, of course, our other on-air events as well. They are all a real hoot!
73 de Bill K4JYS

----- Original Message -----

From: "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, May 27, 2014 10:20:56 PM
Subject: [AWA Group] K3PID

Please welcome Ron to the group. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

9655. New to the group!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-29 00:26:13 UTC
From: K3PID
Topic: 9655 Message: 9655

Hello all and thanks for the warm welcome. I've been a member of the AWA for several years but only recently retired from 40 years as an instrumentation engineer so I have a little more time to consider things such as the Bruce Kelley 1929 QSO party. I may have to start stocking up on parts to get a TNT transmitter on the air for December!

73 CUL Ron K3PID

9656. Re: [AWA Group] New to the group!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-29 03:17:02 UTC
From: Ron Barlow
Topic: 9655 Message: 9656

Hi Ron,
Welcome to the group! I hope to CU in December!

GL & 73 de Ron n4gjv, original call: k3igt

On Wed, 5/28/14, 'K3PID' ron.k3pid@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] New to the group!
To: "AWA Group" <awagroup@yahoogroups.com>
Date: Wednesday, May 28, 2014, 5:26 PM

Hello all and thanks for the warm welcome. I've
been a member of the
AWA for several years but only recently retired from 40
years as an
instrumentation engineer so I have a little more time to
consider things such as
the Bruce Kelley 1929 QSO party. I may have to start
stocking up on parts
to get a TNT transmitter on the air for December!

73 CUL Ron K3PID

9657. Ron K3PID

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-29 12:50:17 UTC
From: Louis Vermond
Topic: 9657 Message: 9657
Attachments: 1 described; binary payloads are missing from this source WARC

I may have to start stocking up on parts to get a TNT transmitter on the air for December!

Good morning, Ron and all,

Good choice of rig. Are you starting your parts search from scratch?

191 'til the Kelley, Lou VE3AWA

9658. Re: [AWA Group] New to the group!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-29 13:23:00 UTC
From: Bill Stewart
Topic: 9655 Message: 9658

Ron, IMHO, the TNT is a good way to go. My first '20s rig was the TNT
from Dec 1929 QST. I used a '01A...it's an inexpensive way to start. And
its one tuff tube. I'm using a 1924 version in a 160m Meissner osc. So far I
have run it at as much as 300VDC at 22-25 ma. Hope to use it in the next BK.

If you need specific parts, please let us know...many of us have considerable
junk boxes or at least know good sources. Oh and congrats on retirement...
ain't it great.
73 de Bill K4JYS

----- Original Message -----

From: "'K3PID' ron.k3pid@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "AWA Group" <awagroup@yahoogroups.com>
Sent: Wednesday, May 28, 2014 8:26:13 PM
Subject: [AWA Group] New to the group!

Hello all and thanks for the warm welcome. I’ve been a member of the AWA for several years but only recently retired from 40 years as an instrumentation engineer so I have a little more time to consider things such as the Bruce Kelley 1929 QSO party. I may have to start stocking up on parts to get a TNT transmitter on the air for December!

73 CUL Ron K3PID

9659. Re: [AWA Group] Ron K3PID

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-30 14:59:28 UTC
From: K3PID
Topic: 9657 Message: 9659
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Lou, I have two walls with parts cabinets so I expect that I have some stuff but I need to settle on a design before I can start the search. I will download the Dec 29 QST for a start.

Ron K3PID

From: mailto:AWAGroup@yahoogroups.com
Sent: Thursday, May 29, 2014 7:50 AM
To: AWAGroup
Subject: [AWA Group] Ron K3PID

☐

I may have to start stocking up on parts to get a TNT transmitter on the air for December!

Good morning, Ron and all,

Good choice of rig. Are you starting your parts search from scratch?

191 'til the Kelley, Lou VE3AWA

9660. Re: [AWA Group] Ron K3PID

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-30 17:34:41 UTC
From: Louis Vermond
Topic: 9657 Message: 9660
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Ron,

Two walls! Would you happen to have....

I have scanned several TNT related magazine articles. If you believe they might be of help, would be glad to send them along to you.

Lou

----- Original Message -----
From: 'K3PID' ron.k3pid@... [AWAGroup]
To: AWAGroup
Sent: 2014-05-30 10:59 AM
Subject: Re: [AWA Group] Ron K3PID

Hi Lou, I have two walls with parts cabinets so I expect that I have some stuff but I need to settle on a design before I can start the search. I will download the Dec 29 QST for a start.

Ron K3PID

From: mailto:AWAGroup@yahoogroups.com
Sent: Thursday, May 29, 2014 7:50 AM
To: AWAGroup
Subject: [AWA Group] Ron K3PID

☐

I may have to start stocking up on parts to get a TNT transmitter on the air for December!

Good morning, Ron and all,

Good choice of rig. Are you starting your parts search from scratch?

191 'til the Kelley, Lou VE3AWA

9661. Re: [AWA Group] Ron K3PID

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-31 00:06:47 UTC
From: K3PID
Topic: 9657 Message: 9661
Attachments: 1 described; binary payloads are missing from this source WARC

That would be super Lou! If they are small enough to be attached to an email that would probably be the best way to get them to me, else I am open to your suggestion.

From: mailto:AWAGroup@yahoogroups.com
Sent: Friday, May 30, 2014 12:34 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Ron K3PID

☐

Hi Ron,

Two walls! Would you happen to have....

I have scanned several TNT related magazine articles. If you believe they might be of help, would be glad to send them along to you.

Lou

----- Original Message -----
From: mailto:ron.k3pid@... [AWAGroup]
To: AWAGroup
Sent: 2014-05-30 10:59 AM
Subject: Re: [AWA Group] Ron K3PID

Hi Lou, I have two walls with parts cabinets so I expect that I have some stuff but I need to settle on a design before I can start the search. I will download the Dec 29 QST for a start.

Ron K3PID

From: mailto:AWAGroup@yahoogroups.com
Sent: Thursday, May 29, 2014 7:50 AM
To: AWAGroup
Subject: [AWA Group] Ron K3PID

☐

I may have to start stocking up on parts to get a TNT transmitter on the air for December!

Good morning, Ron and all,

Good choice of rig. Are you starting your parts search from scratch?

191 'til the Kelley, Lou VE3AWA

9662. Re: [AWA Group] Ron K3PID

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-05-31 01:33:22 UTC
From: Louis Vermond
Topic: 9657 Message: 9662
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Ron,

I just sent off a load directly to you. More tomorrow. GN, Lou

----- Original Message -----
From: 'K3PID' ron.k3pid@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-05-30 8:06 PM
Subject: Re: [AWA Group] Ron K3PID

That would be super Lou! If they are small enough to be attached to an email that would probably be the best way to get them to me, else I am open to your suggestion.

From: mailto:AWAGroup@yahoogroups.com
Sent: Friday, May 30, 2014 12:34 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Ron K3PID

☐

Hi Ron,

Two walls! Would you happen to have....

I have scanned several TNT related magazine articles. If you believe they might be of help, would be glad to send them along to you.

Lou

----- Original Message -----
From: mailto:ron.k3pid@... [AWAGroup]
To: AWAGroup
Sent: 2014-05-30 10:59 AM
Subject: Re: [AWA Group] Ron K3PID

Hi Lou, I have two walls with parts cabinets so I expect that I have some stuff but I need to settle on a design before I can start the search. I will download the Dec 29 QST for a start.

Ron K3PID

From: mailto:AWAGroup@yahoogroups.com
Sent: Thursday, May 29, 2014 7:50 AM
To: AWAGroup
Subject: [AWA Group] Ron K3PID

☐

I may have to start stocking up on parts to get a TNT transmitter on the air for December!

Good morning, Ron and all,

Good choice of rig. Are you starting your parts search from scratch?

191 'til the Kelley, Lou VE3AWA

9663. A couple of questions!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-01 19:28:02 UTC
From: K3PID
Topic: 9663 Message: 9663

Me again, Hope I don’t get to be a nuisance! I see that the type 45 was introduced in June of 1929. Is it acceptable for the TNT transmitter in the BK QSO party? Also, which band would have the highest participation, 40 or 80??

Ron K3PID

9664. Re: [AWA Group] A couple of questions!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-01 21:40:14 UTC
From: Bill Stewart
Topic: 9663 Message: 9664

Ron, tubes prior to 1930 are acceptable.
The BK uses 160, 80 & 40. I think 80 has the most
activity, but restricted to night time use, due to prop.
If you can, you might consider a tank coil for 40 so
you can have a little day-light activity....also good for
some night time dx.
73 de Bill K4JYS

----- Original Message -----

From: "'K3PID' ron.k3pid@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "AWA Group" <awagroup@yahoogroups.com>
Sent: Sunday, June 1, 2014 3:28:02 PM
Subject: [AWA Group] A couple of questions!

Me again, Hope I don’t get to be a nuisance! I see that the type 45 was introduced in June of 1929. Is it acceptable for the TNT transmitter in the BK QSO party? Also, which band would have the highest participation, 40 or 80??

Ron K3PID

9665. Re: [AWA Group] A couple of questions!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-01 22:08:17 UTC
From: Steve
Topic: 9663 Message: 9665

By all means Ron, please consider 40m as well, which sees more and more activity in the '29 Party every year....ever since we moved away from digital hell around 7040. If you are feeling REALLY ambitious, there is also a growing group of 160m stations during the Party as well....but 80m for sure.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

PLEASE VISIT MY NEW BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

9666. Re: Another TNT-but with a twist ... Many thanks, Kevin

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-01 22:16:12 UTC
From: Kevin Carey
Topic: 9593 Message: 9666

Hi Lou, & all,

You asked about first-time startup experiences with my 'bandswitched' TNT... It worked right from the start, much to my surprise. There was no smoke, although I did have an extinguisher at the ready, just in case! As for coupling to the antenna (in my case, a G5RV), the original plans called for a series capacitor (fixed) to be used, but I used inductive coupling instead--as suggested to me by Bruce Kelley. I use a one-turn loop of Romex insulated wire that fits snugly between the turns of the tank coil and simply arrange it for the best combination of output power and tone quality. I seem to get the best results with it placed about 80% of the way toward the end of the tank coil. I connect the twisted pair from the loop leads to a short piece of coax that goes to my tuner, which I pre-set using RF from my modern rig, as there is not enough power from the TNT to get a useful reading.

I was pleased to manage a 3rd place finish in the 2nd call area for the recent Bruce Kelley event using this little 'peanut whistle' rig. Not bad for 1 watt on a breadboard! I hope to work many of you in future events, or just for a casual QSO sometime on 40 or 80m.

73,

--Kevin
WB2QMY
Bloomfield, NY

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

9667. Re: [AWA Group] Re: Another TNT-but with a twist ... Many thanks, Kevin

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-01 22:32:25 UTC
From: Louis Vermond
Topic: 9593 Message: 9667

Thank you Kevin for the full report.

I'll have the REL 175 completed in a few days and when I do will contact you for an 80 mtr OT SKED.

73, Lou
VE3AWA

----- Original Message -----
From: 'Kevin Carey' kcarey1@frontiernet.net [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-06-01 6:16 PM
Subject: [AWA Group] Re: Another TNT-but with a twist ... Many thanks, Kevin

Hi Lou, & all,

You asked about first-time startup experiences with my 'bandswitched' TNT... It worked right from the start, much to my surprise. There was no smoke, although I did have an extinguisher at the ready, just in case! As for coupling to the antenna (in my case, a G5RV), the original plans called for a series capacitor (fixed) to be used, but I used inductive coupling instead--as suggested to me by Bruce Kelley. I use a one-turn loop of Romex insulated wire that fits snugly between the turns of the tank coil and simply arrange it for the best combination of output power and tone quality. I seem to get the best results with it placed about 80% of the way toward the end of the tank coil. I connect the twisted pair from the loop leads to a short piece of coax that goes to my tuner, which I pre-set using RF from my modern rig, as there is not enough power from the TNT to get a useful reading.

I was pleased to manage a 3rd place finish in the 2nd call area for the recent Bruce Kelley event using this little 'peanut whistle' rig. Not bad for 1 watt on a breadboard! I hope to work many of you in future events, or just for a casual QSO sometime on 40 or 80m.

73,

--Kevin
WB2QMY
Bloomfield, NY

This email is free from viruses and malware because avast! Antivirus protection is active.

9668. Re: [AWA Group] A couple of questions!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-01 23:38:48 UTC
From: Larry Szendrei
Topic: 9663 Message: 9668

No, you're not a nuisance.

Now, Lou, for example, is a nuisance (just kidding, Lou :-))

Back to your question - the 245, or '45, is a FB 1929 tube and I used a pair in a PP-TNT for many, many years in the 1929 QSO Party until I made a fatal mistake and killed the pair. Now I'm using a pair of '71As.

80M is still the highest participation, but there's more activity on 40M each year, as Steve VE7SL has said. Wind coils for both bands, as well and 160M if you have the antenna for it.

73,
-Larry/NE1S

On 6/1/14 3:28 PM, 'K3PID' ron.k3pid@... [AWAGroup] wrote:
>
> Me again, Hope I don’t get to be a nuisance! I see that the type 45
> was introduced in June of 1929. Is it acceptable for the TNT
> transmitter in the BK QSO party? Also, which band would have the
> highest participation, 40 or 80??
> Ron K3PID
>

9669. Re: [AWA Group] A couple of questions!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-02 00:54:08 UTC
From: Louis Vermond
Topic: 9663 Message: 9669

245... I used a pair in a PP-TNT .... until I made a fatal mistake and killed the pair...
Now I'm using a pair of [very nervous] '71As.

GN, Larry. Lou

Now, Lou, for example, is a nuisance (just kidding, Lou :-))

9670. Re: [AWA Group] A couple of questions!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-02 01:52:19 UTC
From: Whitebear1122
Topic: 9663 Message: 9670

I see you've gotten good responses from the gang. Yes the 45 is great for a 1929 transmitter. The rules say something to the effect that any tube that was available in 1929 or earlier can be used, no matter if it was made in 1930 or 1940. Popular tubes include the 27, 10, 210, 45, 71A, 211 (cranked way back).

Highest participation by far is 80m. 40 meter participation has been increasing significantly although I though 40m propagation was very poor this past December. The year before, 40m was good for the Sunday morning and afternoon time while 80m was dead.

160m activity is low but slowly increasing.

Good luck with your TNT. The TNT, TGTP, Hartley, and Colpitts are all popular self excited transmitters used in the 29. I think the Hartley is the most popular followed by the TNT, followed by the TGTP, followed by the Colpitts. I might have been the only guy running a Colpitts last December since Eddy VE3CUI wasn't able to make it.

73, Scott WA9WFA

On Jun 1, 2014, at 2:28 PM, "'K3PID' ron.k3pid@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

>
>
> Me again, Hope I don’t get to be a nuisance! I see that the type 45 was introduced in June of 1929. Is it acceptable for the TNT transmitter in the BK QSO party? Also, which band would have the highest participation, 40 or 80??
>
> Ron K3PID
>
>

9671. de K1TG - HRO Sr.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-02 14:48:55 UTC
From: Roger Kuchera
Topic: 9671 Message: 9671

Gentlemen,

I don't make it a habit of selling my gear.But I have a vintage item that is just gathering a lot
of dust in my shack. It is a National HRO Sr. (serial N164). I would prefer to have anyone interested to arrange a pickup, rather then shipping it. If anyone is interested, I will forward an
MS Word document with a lot more detail. No phone calls, just emails please.

Thank you for your kind attention and patience.

CUL, Roger/K1TG

9672. HRO Senior

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-02 16:30:42 UTC
From: Daniel Petersen
Topic: 9672 Message: 9672

Hi Roger.

I'd be interested in the HRO Senior but a pickup from Washington State is a bit far. Might I ask for details and price?
--

73,
Dan - W7OIL

9673. Re: [AWA Group] HRO Senior

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-03 04:42:33 UTC
From: Roger Kuchera
Topic: 9672 Message: 9673
Attachments: 1 described; binary payloads are missing from this source WARC

Howdy Dan,
     Please find attached a MS Word document with most of the particulars on the unit. Packing
and shipping would be costly. Pricewise, it's sort of a "best offer." I never know what they are
worth. I paid $450 for it about 10 years ago.

CUL, Roger/K1TG

On Monday, June 2, 2014 12:30 PM, "Daniel Petersen dan.w7oil@... [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:

Hi Roger.

I'd be interested in the HRO Senior but a pickup from Washington State is a bit far. Might I ask for details and price?
--

73,
Dan - W7OIL

9674. I need ...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-04 13:02:27 UTC
From: Louis Vermond
Topic: 9674 Message: 9674
Attachments: 1 described; binary payloads are missing from this source WARC

GM,

First of all, I need one foot of "new" #12 ga. square Buss wire. All expenses paid.

Anyone here do simple lathe work? I need a shaft extender using this 1/2" hard rubber rod. The shaft is 3/16" dia. Will require 4 6-32 threaded set screw holes.
Cash paid.

73, Lou
VE3AWA

9675. eBay Alert You New OT Rig Builders Take Note...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-04 18:27:50 UTC
From: Louis Vermond
Topic: 9675 Message: 9675

http://www.ebay.com/itm/Weston-3-5-100-mA-DC-Current-Meter-f-Old-Ham-Radio-Tube-Transmitter-Audio-Amp-/371075611144?ssPageName=ADME:B:SS:US:1123

9676. Vintage Mica Caps

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-06 00:40:31 UTC
From: K3PID
Topic: 9676 Message: 9676

Do you fellas have a reliable source for vintage mica capacitors or should I be watching ebay etc???

Ron K3PID

9677. Re: [AWA Group] Vintage Mica Caps

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-06 01:12:55 UTC
From: Larry Szendrei
Topic: 9676 Message: 9677

On 6/5/14 8:40 PM, 'K3PID' ron.k3pid@... [AWAGroup] wrote:
> Do you fellas have a reliable source for vintage mica capacitors or
> should I be watching ebay etc???
What values do you need, and how many? I may be able to provide a few.

73,
-Larry/NE1S

9678. Re: [AWA Group] Vintage Mica Caps

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-06 22:16:22 UTC
From: Roger Kuchera
Topic: 9676 Message: 9678

Hi Ron,
     How about a pix of the type if not the value?

Roger/K1TG

On Thursday, June 5, 2014 9:12 PM, "Larry Szendrei ne1s@securespeed.us [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

On 6/5/14 8:40 PM, 'K3PID' ron.k3pid@... [AWAGroup] wrote:

> Do you fellas have a reliable source for vintage mica capacitors or
> should I be watching ebay etc???
What values do you need, and how many? I may be able to provide a few.

73,
-Larry/NE1S

Posted by: Larry Szendrei <ne1s@...>

Yahoo Groups Links

    https://info.yahoo.com/legal/us/yahoo/utos/terms/

9679. Re: [AWA Group] Vintage Mica Caps

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-06 23:31:07 UTC
From: K3PID
Topic: 9676 Message: 9679

Don’t know yet, haven’t pinned down the design. It’s the 40 years on engineer in me that needs to know how to proceed... When I pin down the final schematic, I’ll post the parts needed that I don’t have...

Thanks as usual... K3PID Ron

From: mailto:AWAGroup@yahoogroups.com
Sent: Thursday, June 05, 2014 8:12 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Vintage Mica Caps

On 6/5/14 8:40 PM, 'K3PID' ron.k3pid@... [AWAGroup] wrote:
> Do you fellas have a reliable source for vintage mica capacitors or
> should I be watching ebay etc???
What values do you need, and how many? I may be able to provide a few.

73,
-Larry/NE1S

9680. REL 175 Rig Test Problem...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-13 03:03:26 UTC
From: Louis Vermond
Topic: 9680 Message: 9680
Attachments: 5 described; binary payloads are missing from this source WARC

Hello,

The restoration is all but finished, but I've run into a problem in the testing.

Before I dismantled the rig for restoration I fired it up to learn the Black Art of operating a non-Hull Hartley. It was a struggle, but after I found the correct tank coil taps the rig worked quite well into a load....considering what it is, a minimal circuit transmitter.

The only major change I made while rebuilding was to replace the original #18 square Buss wire with #14 ga. square. ...Purely aesthetics. The Buss routeing and lengths are essentially as with the original. The flexible coil tap leads are only marginally shorter than they were.

The Beginning
The two fixed capacitors are .002 / grid resister is 10K

The Problem

With no loading and the tank coil taps located where they were before disassembly (and the rig working), 80 meter fundamental oscillation is intermittent when keyed on and off. That is, the monitored signal disappears and the Ip jumps from 25 ma. to 80. Continuous keyed oscillation is maintained though if my hand is on the tank capacitor dial!
If I removed my hand, oscillation becomes intermittent once again.

With a load the rig will oscillate as before, that is, as long a my hand is on the dial knob, but stops oscillating when the antenna circuit to tuned to beyond 2 watts output then the monitored signal disappears and Ip jumps to 100ma. At this point though the watt meter is showing 1/2W out to the load. That is, there is oscillation, but who knows at what frequency.

Early on I happened to leave a short test lead in circuit as shown below. With this in place, all oscillation problems disappeared and the rig worked as expected considering etc. etc.

To see what would happen if I shortened the lead length (being longer made no difference in performance) I made up a duplicate lead. With the B+ off (every time) I shortened the wire an inch at a time. At the length you see below the rigs keying was alright, but the signal was sounding "anaemic". Anaemic as in the way a crystal controlled power oscillator transmitter signal sounds as you near the oscillation cut off point when tuning the tank capacitor for maximum output. Sort of gasping its last so to speak... much like Larry's Kelly signals.

The plot thickens

Noticing a bit of signal wobbling I removed the millimetre thinking that might be the cause. The rig keyed readily enough, but the max. output dropped from 7W to 5W at which

point the fundamental oscillation cut out. Please see below photo.

Does anyone know or have ideas as to why this is happening? Are there any suggestions as to how I can make the rig behave without that bit wire? I would be happy to perform any required tests.

73, Lou

9681. Re: [AWA Group] REL 175 Rig Test Problem...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-13 04:32:54 UTC
From: Jon Delventhal
Topic: 9680 Message: 9681
Attachments: 5 described; binary payloads are missing from this source WARC

Try putting .002 bypass condensers from the filament terminals to ground and B+ to ground.

Also try connecting the tuning condenser leads to the same points as the other leads connected to each end of the coil.

From: "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup <AWAGroup@yahoogroups.com>
Cc: Mike WU2D <mjmurphy45@...>; Harry MacLean <macve3gro@...>; Fred Rice WA3KIO <wa3kio@...>
Sent: Thursday, June 12, 2014 10:03 PM
Subject: [AWA Group] REL 175 Rig Test Problem...

Hello,

The restoration is all but finished, but I've run into
a problem in the testing.

Before I dismantled the rig for restoration I fired it
up to learn the Black Art of operating a non-Hull Hartley. It was a struggle,
but after I found the correct tank coil taps the rig worked quite well into
a load....considering what it is, a minimal circuit transmitter.

The only major change I made while rebuilding was
to replace the original #18 square Buss wire with #14 ga. square. ...Purely
aesthetics. The Buss routeing and lengths are essentially as with the
original. The flexible coil tap leads are only marginally shorter
than they were.

The Beginning
The two fixed capacitors are .002 / grid resister is 10K

The Problem

With no loading and the tank coil taps located where they
were before disassembly (and the rig working), 80 meter fundamental oscillation
is intermittent when keyed on and off. That is, the monitored signal
disappears and the Ip jumps from 25 ma. to 80. Continuous
keyed oscillation is maintained though if my hand is on
the tank capacitor dial!
If I removed my hand, oscillation becomes intermittent once
again.

With a load the rig will oscillate as before, that
is, as long a my hand is on the dial knob, but stops oscillating when
the antenna circuit to tuned to beyond 2 watts output then

the monitored signal disappears and Ip jumps to 100ma. At this point though the watt meter is showing 1/2W out to the load. That is, there is oscillation, but who knows at what frequency.

Early on I happened to leave a short test lead in circuit as shown below. With this in place, all oscillation problems disappeared and the rig worked as expected considering etc. etc.

To see what would happen if I shortened the lead length (being longer made no difference in performance) I made up a duplicate lead. With the B+ off (every time) I shortened the wire an inch at a time. At the length you see below the rigs keying was alright, but the signal was sounding "anaemic". Anaemic as in the way a crystal controlled power oscillator transmitter signal sounds as you near the oscillation cut off point when tuning the tank capacitor for maximum output. Sort of gasping its last so to speak... much like Larry's Kelly signals.

The plot thickens

Noticing a bit of signal wobbling I removed the millimetre thinking that might be the cause. The rig keyed readily enough, but the max. output dropped from 7W to 5W at which point the fundamental oscillation cut out. Please see below photo.

Does anyone know or have ideas as to why this is happening? Are there any suggestions as to how I can make the rig behave without that bit wire? I would be happy to perform any required tests.

73, Lou

9682. Re: [AWA Group] REL 175 Rig Test Problem... [5 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-13 10:11:33 UTC
From: Larry Szendrei
Topic: 9680 Message: 9682
Attachments: 5 described; binary payloads are missing from this source WARC

Hi, Lou,

First off, Jon's suggestions are good ones. Try one at a time. Also, the location of the feedback coil is critical. I don't think the change from #18 to #14 buss wire is the culprit, but, then again, I have a real hard time explaining the effect of clip lead. If it was VHF or even upper HF, that would be one thing. But this is 80M. All kind of wierd things can be observed when the oscillator is "on the edge."

I have found my Hartley to be very finicky on 40M with low-mu tubes like the '45, '71A, and '10 - can't load very heavily at all before oscillation quits. As I have mentioned before, it is much better behaved with a 841, which has a mu of 30. That would seem to indicate inadequate feedback is responsible.

You didn't mention if you tried different locations for the ground tap after the rebuild - that's the "knob" for controlling the amount of feedback, and is where I would start.

I think my sigs you are referring to are my 40M ones from the PP TNT. The Hartley oscillates readily on 80M with the 841, the only issue being the tank coil vibrates with keying or Elaine walking upstairs in the kitchen, or (especially) when she comes down the cellar stairs.

73,
-Larry/NE1S

On 6/13/14 12:32 AM, Jon Delventhal ab9zg@... [AWAGroup] wrote:
> Try putting .002 bypass condensers from the filament terminals to
> ground and B+ to ground.
>
> Also try connecting the tuning condenser leads to the same points as
> the other leads connected to each end of the coil.
>
> ---
> *From:* "Louis Vermond ldvermond@... [AWAGroup]"
> <AWAGroup@yahoogroups.com>
> *To:* AWAGroup <AWAGroup@yahoogroups.com>
> *Cc:* Mike WU2D <mjmurphy45@...>; Harry MacLean
> <macve3gro@...>; Fred Rice WA3KIO <wa3kio@...>
> *Sent:* Thursday, June 12, 2014 10:03 PM
> *Subject:* [AWA Group] REL 175 Rig Test Problem...
>
> Hello,
> The restoration is all but finished, but I've run into a problem in

> the testing.
> Before I dismantled the rig for restoration I fired it up to learn the
> Black Art of operating a non-Hull Hartley. It was a struggle, but
> after I found the correct tank coil taps the rig worked quite well
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> original #18 square Buss wire with #14 ga. square. ...Purely
> aesthetics. The Buss routeing and lengths are essentially as with the
> original. The flexible coil tap leads are only marginally shorter
> than they were.
> _The Beginning_
> The two fixed capacitors are .002 / grid resister is 10K
> _alt_
> _alt_
> _The Problem_
> _With no loading_ and the tank coil taps located where they were
> before disassembly (and the rig working), 80 meter fundamental
> oscillation is intermittent when keyed on and off. That is, the
> monitored signal disappears and the Ip jumps from 25 ma. to
> 80. Continuous keyed oscillation is maintained though _if my hand is
> on the tank capacitor dial! _
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> _With a load_ the rig will oscillate as before, that is, as long a my
> hand is on the dial knob, but stops oscillating when the antenna
> circuit to tuned to beyond 2 watts output then the monitored signal
> disappears and Ip jumps to 100ma. At this point though the watt meter
> is showing 1/2W out to the load. That is, there is oscillation, but
> who knows at what frequency.
> Early on I happened to leave a short test lead in circuit as shown
> below. With this in place, all oscillation problems disappeared
> and the rig worked as expected considering etc. etc.
> _alt_
> To see what would happen if I shortened the lead length (being longer
> made no difference in performance) I made up a duplicate lead. With
> the B+ off (every time) I shortened the wire an inch at a time. At
> the length you see below the rigs keying was alright, but the signal
> was sounding "anaemic". Anaemic as in the way a crystal controlled
> power oscillator transmitter signal sounds as you near the oscillation
> cut off point when tuning the tank capacitor for maximum output. Sort
> of gasping its last so to speak... much like Larry's Kelly signals.
> _alt_
> _The plot thickens_
> Noticing a bit of signal wobbling I removed the millimetre thinking
> that might be the cause. The rig keyed readily enough, but the max.
> output dropped from 7W to 5W at which point the fundamental
> oscillation cut out. Please see below photo.
> alt
> Does anyone know or have ideas as to why this is happening? Are there
> any suggestions as to how I can make the rig behave without that
> bit wire? I would be happy to perform any required tests.

> 73, Lou
>
>

9683. RE: [AWA Group] REL 175 Rig Test Problem...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-13 10:37:02 UTC
From: Mike Feher
Topic: 9680 Message: 9683
Attachments: 5 described; binary payloads are missing from this source WARC

I am not sure I understand Lou's description of his problem. Lou – are you saying it oscillates or draws plate current with the key up? According to the schematic that is impossible unless you have some leakage between the filament and the HV supplies. As has been mentioned, bypassing is always a good thing. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, June 13, 2014 6:12 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] REL 175 Rig Test Problem...

Hi, Lou,

First off, Jon's suggestions are good ones. Try one at a time. Also, the location of the feedback coil is critical. I don't think the change from #18 to #14 buss wire is the culprit, but, then again, I have a real hard time explaining the effect of clip lead. If it was VHF or even upper HF, that would be one thing. But this is 80M. All kind of wierd things can be observed when the oscillator is "on the edge."

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_____

From: "Louis Vermond ldvermond@... [AWAGroup]" <mailto:AWAGroup@yahoogroups.com> <AWAGroup@yahoogroups.com>
To: AWAGroup <mailto:AWAGroup@yahoogroups.com> <AWAGroup@yahoogroups.com>
Cc: Mike WU2D <mailto:mjmurphy45@...> <mjmurphy45@...>; Harry MacLean <mailto:macve3gro@...> <macve3gro@...>; Fred Rice WA3KIO <mailto:wa3kio@...> <wa3kio@...>
Sent: Thursday, June 12, 2014 10:03 PM
Subject: [AWA Group] REL 175 Rig Test Problem...

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alt

alt

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alt

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The plot thickens

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73, Lou

9684. Re: [AWA Group] REL 175 Rig Test Problem...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-13 17:02:43 UTC
From: Ron Barlow
Topic: 9680 Message: 9684

Hi Lou,

Two possibilities come to mind, regarding the strange behavior of your Hartley. The improvement brought about by the addition of a small parasitic capacitance (your wire lead) to the plate circuit, suggests two possibilities, to me.

First, one or possibly both of the fixed caps (grid leak and DC blocking cap, in the shunt fed plate ckt) may be defunct. The internal connection(s) between the multiple layers of the internal sandwich of plates and mica dielectric, may be corroded/broken or otherwise defunct. I would suggest substitution, with known good modern units, rather than attempting to test.

Second, the RF choke may be operating too close to its series resonant frequency. The addition of the
parasitic capacitance may be shifting the choke resonance in a favorable direction, which causes an improvement in operating conditions. You could eliminate this possibility by simply disconnecting the B+ lead, and adding a pi wound 1 or 2.5 mh RFC in series with the B+ lead (but on the "downsteam" end of any added bypass cap).
GL & 73 de Ron n4gjv

On Fri, 6/13/14, Larry Szendrei ne1s@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] REL 175 Rig Test Problem...
To: AWAGroup@yahoogroups.com
Date: Friday, June 13, 2014, 3:11 AM

Hi, Lou,

First off, Jon's suggestions are good ones. Try
one at a time.
Also, the location of the feedback coil is critical. I
don't think
the change from #18 to #14 buss wire is the culprit,
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again, I have a real hard time explaining the effect
of clip lead.
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tap after the rebuild - that's the "knob" for controlling the
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TNT. The Hartley oscillates readily on 80M with the 841, the only
issue being the tank coil vibrates with keying or Elaine walking
upstairs in the kitchen, or (especially) when she comes down the
cellar stairs.

73,

-Larry/NE1S

On 6/13/14 12:32 AM, Jon Delventhal ab9zg@... [AWAGroup]
wrote:

Try putting .002 bypass condensers from the filament
terminals to ground and B+ to ground.

Also
try connecting the tuning condenser leads to the same points
as the other leads connected to each end of the coil.

From:
"Louis
Vermond ldvermond@... [AWAGroup]"
<AWAGroup@yahoogroups.com>

To:
AWAGroup <AWAGroup@yahoogroups.com>

Cc: Mike
WU2D <mjmurphy45@comcast.net>; Harry MacLean

<macve3gro@rogers.com>;
Fred Rice WA3KIO
<wa3kio@comcast.net>

Sent:
Thursday, June 12, 2014 10:03 PM

Subject:
[AWA Group] REL 175 Rig Test Problem...

Hello,

The restoration is all but finished, but I've run into a problem in the testing.

Before I dismantled the rig for restoration I fired it up to learn the Black Art of operating a non-Hull Hartley. It was a struggle, but after I found the correct tank coil taps the rig worked quite well into a load....considering what it is, a minimal circuit transmitter.

The only major change I made while rebuilding was to replace the original #18 square Buss wire with #14 ga. square. ...Purely aesthetics. The Buss routeing and lengths are essentially as with the original. The flexible coil tap leads are only marginally shorter than they were.

The Beginning
The two fixed capacitors are .002 / grid resister is 10K

The Problem

With no loading and the tank coil taps located where they were before disassembly (and the rig working), 80 meter fundamental oscillation is intermittent when keyed on and off. That is, the monitored signal disappears and the Ip jumps from 25 ma. to 80. Continuous keyed oscillation is maintained though if my hand is on the tank capacitor dial!

If I removed my hand, oscillation becomes intermittent once again.

With a load the rig will oscillate as before, that is, as long a my hand is on the dial knob, but stops oscillating when the antenna circuit to tuned to beyond 2 watts output then the monitored signal disappears and Ip jumps to 100ma. At this point though the watt meter is showing 1/2W out to the load. That is, there is oscillation, but who knows at what frequency.

Early on I happened to leave

a short test lead in circuit as shown below.

With this in place, all oscillation problems disappeared and the rig worked as expected considering etc. etc.

To see what would happen if I shortened the lead length (being longer made no difference in performance) I made up a duplicate lead. With the B+ off (every time) I shortened the wire an inch at a time. At the length you see below the rigs keying was alright, but the signal was sounding "anaemic". Anaemic as in the way a crystal controlled power oscillator transmitter signal sounds as you near the oscillation cut off point when tuning the tank capacitor for maximum output. Sort of gasping its last so to speak... much like Larry's Kelly signals.

The plot thickens

Noticing a bit of signal wobbling I removed the millimetre thinking that might be the cause. The rig keyed readily enough, but the max. output dropped from 7W to 5W at which point the fundamental oscillation cut out. Please see below photo.

Does anyone know or
have ideas as to why
this is happening? Are there any
suggestions
as to how I can make the rig
behave without
that bit wire? I would
be happy to perform
any required tests.

73, Lou

9685. REL 175 Rig Test Problem... VE3AWAs Reply

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-14 02:18:42 UTC
From: Louis Vermond
Topic: 9685 Message: 9685
Attachments: 3 described; binary payloads are missing from this source WARC

WU2D, Your suggesting and insights are appreciated as all were. Thank you.

G E,

This afternoon I spent an hour and a half preparing my reply to your comments and suggestions of yesterday. An hour ago a new "test" occurred to me that I thought might be worth trying and then relaying here. Because the results of that test may make everything preceding it redundant I will put my earlier reply on hold until I receive your reaction to what is to follow.

These are the tap positions I have been working with. Note particularly the two just under the centre glass bar coil support. Again, they are from the tuning condenser.

Note that the left tuning capacitor tap has been moved one turn to the right.

Here, the right capacitor tap has been moved one turn to the left.

With either one of these two tap changes the need for the RFC-test lead "fix" is not required. That is, the rig oscillates merrily away without it.

You will have noticed just above the "dead" winding between the tank and antenna coil. With the dreaded "dead-end effect" in mind I compared the signals of the two changes. Differences there were, but too tired to tell that story this evening.

Comments please.

73 & GN, Lou

9686. Re: [AWA Group] REL 175 Rig Test Problem... VE3AWAs Reply

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-14 04:25:33 UTC
From: Roger Kuchera
Topic: 9685 Message: 9686
Attachments: 3 described; binary payloads are missing from this source WARC

Lou,
     Good on you. This sounds related to some of the early attempts and band-switching and the
problems it incurred.

Roger.

On Friday, June 13, 2014 10:19 PM, "Louis Vermond ldvermond@... [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:

WU2D, Your suggesting and insights are appreciated as
all were. Thank you.

_____

G E,

This afternoon I spent an hour and a half preparing my reply to your
comments and suggestions of yesterday. An hour ago a new "test" occurred to me
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antenna coil. With the dreaded "dead-end effect" in mind I compared the
signals of the two changes.
Differences there were, but too tired to tell that story this evening.

Comments please.

73 & GN, Lou

9687. Fwd: Night of Nights 2014! - MRHS Newsletter No, 45

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-17 11:25:34 UTC
From: Bill Stewart
Topic: 9687 Message: 9687

GM all,
I thought this might be of interest to the group.
Select 'having trouble...click here' for a better view.
73 de Bill K4JYS

----- Forwarded Message -----

From: "Maritime Radio Historical Society" <info@radiomarine.org>
To: cwopr@...
Sent: Monday, June 16, 2014 10:30:41 PM
Subject: Night of Nights 2014! - MRHS Newsletter No, 45

Having trouble viewing this email? Click here...

MRHS Newsletter No. 45
Dedicated to True Believers Worldwide
Special Night of Nights Edition
16 June 2014

Newsletter back issues click HERE MRHS Web site click HERE

FLASH!

USCG WILL PARTICIPATE IN NIGHT OF NIGHTS!
NEW USCG STATION ON THE AIR!
KPH, KFS, KSM, WLO AND KLB WILL BE ON THE AIR!

Event Date: 12 July 2014 Pacific Daylight Time
First Transmission form MRHS Stations: 5:01pm Pacific Daylight Time 12 July, 0001Z 13 July 2014

> Historic coast stations KPH, KFS, KSM, WLO AND KLB will return to the air

> RCA "H Set" Transmitter 298 will be on the air

> 1942 Press Wireless PW15 transmitter will be on the air

> USCG Coast Stations NMC, NMQ and NMW will be on the air

> K6KPH will be listening for calls and signal reports

> Join us in person or on the air!

But wait, there's more:
> Marconi author Calvin Trowbridge Jr. book talk and reception

> Fantastic exhibit at Bolinas Museum for 100th anniversary of Marconi operations

> Listen to "An Ode to Morse Code", the story of Night of Nights

> MF antenna filter saga

> Preserving the RCA BL298H set transmitter with heat

Clearly we have a lot to cover in this issue. But before we dive in we'd like to solicit your support for our activities like Night of Nights and the ongoing maintenance and repair of the transmit and receive stations and their associated antenna fields. Any donation you can make will be very deeply appreciated and will go directly to support our efforts. Just click on the button below.

Make a Donation

Thanks!

Night of Nights 2014!

Morse code...

It's just beeps in the air. Yet on 12 July 1999 some very tough looking grizzled old radio pioneers had tears in their eyes as the last commercial Morse code radiogram was sent. It was the end of an era. And as the last beeps faded away into the static they witnessed the end of the career to which they had devoted their lives.

These men - and some women - had stood watch over the airwaves on shore and at sea. Theirs was mostly the business of maritime commerce. But when their ship was in peril they were called upon to send the most electrifying three letters in radio, S O S , knowing that all their fellow radio operators would press their earphones close to get every scrap of information and bring aid to their stricken ship.

Once, our coasts were dotted with great Morse code radio stations, all communicating with ships at sea. They're all gone now... all except one, the one they called the Wireless Giant of the Pacific, located at Point Reyes.

On that sad day in 1999 another event took place. The Maritime Radio Historical Society (MRHS) was formed. We made it our life's work to honor the men and women of wireless by restoring that wireless giant. One year and one minute later the giant's voice once again spanned the oceas as we picked up the thread and kept the faith with our colleagues of the air.

Every year since, in an event that became known as the Night of Nights, Morse code station KPH has returned to the air, joined by KFS and the station of the MRHS, KSM.

This year our friends and colleagues at USCG station NMC have labored mightily to bring that storied call sign back to life on Morse code for the evening along with NMQ in Cambria, CA..

And, for the first time on Night of Nights, station NMW in Astoria, OR will be on the air as well.

Stations WLO and KLB will join us again as hey have in years past.

This is a global and local event. Hundreds of listeners around the world will be waiting with their earphones on, waiting for the signals of the great station to once again arc

over the dome of the Earth to their receivers.

You can be with us in person!

Dozens of people will join us at the RCA receiving station in the Point Reyes National Seashore to watch as the signals are transmitted by hand using vintage telegraph keys.

A guest operating position will be available so bring your key and 'phones or use ours and operate K6KPH. No license required! So if you're an ex-commercial op who never became a ham here's your chance to sling some Morse again. Or if you hold a current commercial radiotelegraph ticket you can operate KPH, KFS and/or KSM and have your license endorse to that effect.

Chief Operator Richard Dillman at Position 1

Date: Friday 12 July 2014 Pacific Daylight Time

Location: RCA receiving station, 17400 Sir Francis Drake Blvd., Point Reyes National Seashore

Click HERE for a map of the location from Google Maps

Time: Doors open at 3:00pm pdt, first transmission 5:01pm pdt (0001gmt 13 July)

Refreshments: Served

Photographs: Encouraged

Tours: Given

None of this would have been possible without the trust and vision of the Point Reyes National Seashore . The only reason these facilities were spared the bulldozer that visited all the others is that they are on park land. And the only reason they have been restored to operation is that the PRNS staff understood their importance and trusted the MRHS to restore them to life.
  We will send last minute changes and signal reports by Twitter. You can join Twitter free at:

https://www.twitter.com

and follow us at @Radiomarine

MRHS Stations

Sixteen transmitters will be on the air from the MRHS transmitter site in Bolinas. That doesn't include transmitters held in ready reserve in case of failure. Members of the crack MRHS Transmitter Department and the H Set Team will be on hand to assure that all goes well.

> KPH:

Frequency	Transmitter	Antenna
500/426	Henry MF-5000D	Marconi T
4247.0	RCA K Set	Double Extended Zepp
6477.5	RCA K Set	Double Extended Zepp

8642.0	RCA L Set	Double Extended Zepp
12808.5	RCA L Set	H over 2
17016.8	RCA L Set	H over 2
22477.5	RCA H Set	H over 2

The restoration of the H set has been chronicled in past issues of the Newsletter. It will return to revenue service for the first time in decades for Night of Nights. See Newsletter No. 38 for information about and photos of this magnificent transmitter.

> KFS

We want to offer our sincere thanks to Globe Wireless for the help and support they have provided for our project since the very beginning.

Frequency	Transmitter	Antenna
12695.5	Press Wireless PW15	H over 2
17026.0	Henry HF-5000D	H over 2

> KSM

Frequency	Transmitter	Antenna
500/426	Henry MF-5000D	Marconi T
8438.3	Henry HF-5000D	Double Extended Zepp
12993.0	Henry HF-5000D	H over 2
16914.0	Henry HF-5000D	H over 2

Verification card for K6KPH. A similar card is available for KSM. Both were designed by Paul Shinn

> K6KPH

K6KPH ops will monitor the frequencies below as propagation and the number of available operators permit.

Frequency	Transmitter	Antenna
3550.0	Henry HF-5000D	Double Extended Zepp
7050.0	RCA L Set	Double Extended Zepp
14050.0	Henry HF-5000D	H over 2
18097.5	Henry HF-5000D	H over 2
21050.0	Henry HF-5000D	H over 2

> Reception Reports

Reception reports and verification requests for the MRHS stations listed above may be sent to:

Maritime Radio Historical Society
PO Box 392
Point Reyes Station, CA 94956
USA

> Station Telephone

The receive site may be contacted by phone on 415-669-9646

USCG Stations

NOTICE!

This may very well be the last time ever that USCG stations can be heard on the air using A1A (Morse) emission. As new equipment is installed the hardware and wiring for Morse has been progressively removed. And the personnel who knowledgeable in the art retire or are reassigned. So be sure to listen for these stations.

Many USCG personnel at all levels are responsible for bringing these stations back on the air for Night of Nights 2104. We want to particularly thank ET1 Mike Leska for taking the lead for this year's project.

NMC/NMQ verification card from Night of Nights 2014

> NMC (Transmit Bolinas, Receive Pt. Reyes)

Frequency	Transmitter	Antenna
448.0	Nautel ND2500TT/6	173' monopole tower
472.0	Nautel ND2500TT/6	173' monopole tower
500.0	Nautel ND2500TT/6	173' monopole tower
6383.0	Rockwell-Collins RT-2200	Omni-directional
8574.0	Rockwell-Collins RT-2200	Omni-directional
17220.5	Rockwell-Collins RT-2200	Omni-directional

NOTE regarding NMC/NMQ/NMW MF transmissions. Only one MF transmitter will be in service at each station. Morse transmissions will be made on an as-available basis from each station as USCG operators must also accommodate scheduled NAVTEX transmissions.

> NMQ (Transmit Cambria, CA, Receive and Control Pt. Reyes)

NMQ Transmitters

Frequency	Transmitter	Antenna
448.0	Nautel ND2500TT/6	Inverted L
472.0	Nautel ND2500TT/6	Inverted L
500.0	Nautel ND2500TT/6	Inverted L

> NMW (Transmit Astoria, OR, Receive and Control Pt. Reyes)

Capacitive top hat transmitting antenna at NMW

Frequency	Transmitter	Antenna
448.0	Nautel ND2500TT/6	Capacitive top hat
472.0	Nautel ND2500TT/6	Capacitive top hat
500.0	Nautel ND2500TT/6	Capacitive top hat

> Reception Reports

Reception reports and verification requests for the USCG stations listed above may be sent to:

Attn: OSCS Phil Marsh
USCG CAMSPAC Point Reyes
17000 Sir Francis Drake Blvd.
Point Reyes Station, CA 94956
USA

Shipcom LLC Stations

All thanks to Rene at WLO and CJ at KLB for the work they do each year to bring these stations back on the air. They are true radiomen.

> WLO

2055.5
4343.0
8658.0
12992.0
16968.5

> KLB

488.0
500.0
8582.5

> Reception Reports

Via email (for both stations) to: wloradio@...

> Calling Channels

All commercial and USCG stations listed above will listen for calls from ships on 500kc and on ITU Channel 3 HF:

4184.0
6276.0
8368.0
12552.0
16736.0
22280.5

Listen on these frequencies if you want to copy both sides of ship to shore contacts.

> Commemorative Messages

Was your father, uncle or grand dad a commercial op or amateur operator? Would you like to send a commemorative message in their honor over KPH, KFS and KSM? We have sent several of these messages in past events and they were all very moving. If you would like us to send such a message this year please send it to us no later than Wednesday 9 July pdt so we can be sure to include it. Sent it to info@...

> Marconi author Calvin Trowbridge Jr. Book Talk and Reception

Make it full weekend of radio with this event the day after Night of Nights

Date: Sunday, July 13
Time: 2 pm to 5 pm
Location: Red Barn Classroom at Bear Valley.   Directions.
Phone: 415-464-5125

Description: Meet the author of Marconi: Father of Wireless, Grandfather of Radio, Great-Grandfather of the Cell Phone, The Story of the Race to Control Long-Distance Wireless. He will speak about Marconi's empire building, the competition and patent wars, and the fast pace of invention and technology change as the potential for radio became understood in the early 20th century. Books will be available, enjoy a chat with the author and complimentary refreshments.

> Fantastic exhibit at Bolinas Museum for 100th anniversary of Marconi operations

The Marconi trans-Pacific stations in West Marin went into service in February 1914 with a transmit site in Bolinas (still in use today) and a receive site at Marshall.

Carola DeRooy of the Point Reyes National Seashore and Jennifer Gately of the Bolinas Museum combined efforts with many other to produce a truly wonderful exhibit at the Bolinas Museum commemorating this event.

Marconi & Sarnoff at Rocky Point, tube display including water cooled tube, submarine spark transmitter on display

The exhibit includes a great display of power tubes, the submarine spark transmitter donated to the MRHS as described in Newsletter No. 41 , a great assortment of keys and bugs, an IP501A receiver and much more.

The museum is located at 48 Wharf Road in Bolinas. The hours are Friday 1:00 - 5:00, Saturday 12:00 - 5:00, Sunday 12:00 - 5:00

Richard Dillman, Carola DeRooy and Denice Stoops at exhibit opening

> "An Ode to Morse Code", the story of Night of Nights

Julie Caine is a producer at public radio station KALW in San Francisco. In 2013 she produced a wonderful radio program about Morse code and Night of Nights.

Click HERE to listen to "An Ode to Morse Code".

> MF antenna filter saga

KSM uses a Marconi T antenna for MF reception. This is a great antenna - almost too great as it pulls in all sorts of broadcast signals. Plus it feeds a house made preamplifier that can be easily be driven non-linear by strong signals. To prevent problems there is a selectable frequency filter at the base of the antenna that's remote controlled from Position 1. The filter and its housing served well but eventually the salt air took its toll. That's where Bill Ruck of MRHS Maintenance stepped in. He rebuilt both the filter and the case. Let's listen now as we hear Bill say...

KPH's MW receive antenna at RS has for a long time been a "Marconi T" antenna.

The problem with maritime band MW reception is that just above the maritime band is the AM Broadcast band with many high power (mostly 5 kW and a few 50 kW) stations nearby. A good maritime MW receive antenna is also a good broadcast MW receive antenna.

The KPH home-built MW multicouplers overload from broadcast stations so a filter was added to the receive system to allow good maritime reception without overloading.

The filter assembly had five fixed frequency series L - C filters plus a direct selection connected via a 6 pole single throw coaxial relay. This relay is commonly used at RS for receiver input selection from the SW multicouplers.

The assembly was housed in a galvanized steel box on the pole at the feed of the "Marconi T" antenna in what used to be the "C" antenna field.

The first experience with the filter was when the Operations Department complained that one of the filters did not work.

A trip to the antenna and filter was in order. I found the box, pried the lid off, and removed the relay / filter assembly. Back at RS it was easy to spot the bad filter because there were two wires in mid-air and no capacitor. Likely a nearby lightning strike had blown apart the small capacitor. An identical replacement was found in the shop, installed, and the filter frequencies adjusted with a spectrum analyzer and tracking generator.

Re-installing the filter I added single pole Molex pins and sockets so that the relay / filter assembly could be removed without field soldering. At that time it was readily apparent that the galvanizing had worn off and the bottom of the box was mostly rust.

This worked for a couple of years until again the Operations Department complained that one of the frequencies did not work. In the field one could see that about half of the bottom of the galvanized steel filter box was missing. The relay / filter assembly was removed and returned to the shop.

Filter box and filter as found

This time the cause was sufficient rust on the relay clappers to restrict the motion sufficiently so that the contacts were never pushed together. The rust was filed off of the clappers, the contacts were good, and the relay / filter assembly was returned to the box. An attempt to seal the box with 2" wide 10 mil black tape was made, although it was hard to get the tape to stick to the box.

A couple of months later again the Operations Department reported one of the frequencies did not work. In the field the tape had fallen off, more of the bottom of the box had rusted out, and rust and corrosion was evident inside on the relay / filter assembly.

Original filter assembly, rear

The assembly was returned to the shop. The rust on the relay clappers was filed off again and this time a coat of clear nail polish was applied to slow down the rust. Once the polish had dried the assembly was returned and all filters worked.

It was clear that this design was at the end of its life. Many discussions were held to determine the course of replacement. One idea was to replace the switched single frequency filters with a single fixed low pass filter; perhaps with a second notch filter to remove the high power broadcast stations near the bottom of the dial.

The Operations Department wanted to keep the historical fabric intact even though there are clear advantages to the fixed low pass filter.

Ye Olde Junque Boxe was scrounged for parts. I found six 24 VDC single pole NO reed relays. Reed relays have the advantage that the contacts are totally sealed in a glass tube. They can not handle much current, but they would be more than acceptable for a receive application.

We also had saved parts from the KMI antennas when they were cut down and found from that salvage a good fiberglass water-tight box with feed insulators in the shop.

The plan was to fabricate a whole new filter assembly and replace the rusted out box and rusted and corroded relay / filter assembly.

Two enhancements were added. The first was a static drain choke. The "Marconi T" antenna is either floating when no relay is selected or DC isolated when a filter is selected since the filter is a series L - C filter. Surplus Sales of Nebraska had an appropriate coil that could be used as a static drain choke.

The second enhancement was a spark gap external to the filter box. A suitable gap was fabricated from ¼-20 brass all-thread mounted to the antenna and ground insulators.

Five new adjustable inductors were also purchased from Surplus Sales of Nebraska for the filters.

The relays and filters were fabricated on an aluminum plate that would mount internally in the fiberglass box. Since the reed relays are sealed inside of the coil it is impossible to observe them LED status indicators were added showing which relay had +24 VDC.

The relay coil DC connections on the existing filter assembly were with the standard RS style S-308 CCT Jones plug but I wanted a connection that did not need field soldering. An 8-140 barrier strip was used so that crimp lugs could be used to terminate the control cable.

New filter assembly in new enclosure

The relay assembly had a binding post input terminal and a BNC output connector. A short BNC to N female chassis jack RG-58C/U coax cable was used to connect the filter to the outside world.

The control cable got a weather tight strain relief.

Some discussion was made over how waterproof the assembly could be. The box itself is well sealed but the two insulators (antenna and ground) could leak. The insulators were sealed with a drop of silicone RTV inside the insulator and the rubber washer was liberally coated with silicone grease but these seals may not be perfect. Finally we decided to use a vent so that if water did get in the box would not fill up with water but drip out. Hoffman makes water-tight electrical boxes and they make an appropriate vent accessory and one was purchased. A ½" threaded hole was made for the vent.

The next design issue was how to mount the new filter box. The box is designed to mount to a flat bulkhead but in the antenna field it has to mount to a round wood pole. After some thought a simple mounting bracket could be fabricated from strut. However, since the location is close to the ocean, standard zinc-plated steel strut would start to rust the

day it was installed. Galvanized steel strut is available but the cut ends would rust, even after a coat of zinc-rich "cold galvanize" paint. The decision was to use stainless steel strut. I was staggered to find out how expensive this material is but it will last forever. All of the hardware used for this project was stainless steel.

A template was cut matching the box dimensions and mounting holes. The stainless steel strut was cut to length and drilled appropriately. The mounting bracket assembly was put together and checked for dimensions.

All was tested and ready for installation.

Saturday November 9, 2013, the installation work commenced. Operations were possible by bypassing the filters although with the antenna directly connected to the coax there was a lot of IM and noise on the maritime frequencies. The old box was removed with no issues (it basically fell apart) and the new mounting bracket attached to the wood pole with ¼" stainless steel lag screws. The filter assembly bolted to the holes in the bracket. The antenna connection was made with a new lug on the down lead. The filter ground connection and mounting bracket ground connection were tied to the existing ground lead on the pole. The control cable was cut to length, crimp lugs installed, and landed on the barrier strip.

New filter mounted on pole

Then the "Welcome to KPH" moments started. Checking with Position 1 selecting various filters the relays did not work. Turns out after some head scratching I remembered that while every other relay at RS uses the black wire for DC minus the filter relay used the red wire for DC minus. In the process of sorting this out the +24 VDC got shorted to the DC minus and the fuse for that switch blew. It took a little time for Chief Operator Dillman to find the blown fuse and replace it. Now 5 of the 6 relays worked. We will return to the bad relay later.

Good engineering practice is to use Type N RF connectors but the existing coax cable had a UHF male connector so an adapter was used at the output connector. But Chief Operator Dillman reported no signals at Position 1. More investigation revealed that the box thickness was sufficient to keep the N male connector from mating properly with the N female chassis bulkhead connector. A short BNC cable was used to bridge the cap between the filter output BNC and a BNC-UHF adapter to the existing coax. Now Position 1 could hear signals. The cable and connectors were taped up to make them weather-tight as an "OK temp" solution.

The next weekend I investigated the one relay that was not working. At the relay box I could not measure any voltage on that control wire but if I lifted that lead I could measure a volt or so into my VOM. Back at Position 1 I could measure a full +24 VDC. Likely conclusion is that this wire in the control cable is broken at one point. Fortunately the control cable is a 9-conductor #18 AWG cable and we only need 7 wires. The plan is to switch out the bad wire with the spare conductor. This is easy at the filter box but the other end of the control cable is soldered to a xmas tree block which makes it hard to rewire.

On another trip a barrier strip was added at the multicoupler and relay box and the control cable was cut and terminated at the barrier strip.

By this time it was winter and the MF Marconi T feed is located at a low point in the field. It fills with water and lacking a small boat or hip waders we had to wait until it

dried out. Late rains kept the lake filled but when it dried out a trip was made to swap the wires at both the multicoupler terminal strip and filter terminal strip. The "blue" wire was swapped with the spare "orange" wire and that filter position works now.

Completed assembly

Chief Operator Dillman also reported that the 500 kc filter was not operating. When checked in the field it was working. Measuring the voltage at all six positions revealed that at five of the relays the voltage was about ½ volt higher than at the 500 kc position. At this time we suspect that the "white" wire for the 500 kc relay was going bad. This is a concern because the control cable has nine conductors. Seven are necessary. The "blue" wire is already known bad which leaves eight conductors. The "black" wire is used as a source of +24 volts that is not necessary so the "white" wire can be swapped with that wire. That leaves us with a known failing control cable and no spare wires.

We're now looking for a donation of about 500 feet of at least seven conductor #18 AWG wire suitable for outside use, something known as Out Side Plant (OSP) cable in the telephone world.

Finally we need to come up with a solid mechanical coaxial connector at the filter box. The plan is to fabricate a spacer on the outside of the box to mount a plate with the N bulkhead connector. This will allow full engagement of the N Male cable connector.

The Operations Department is prepared to stipulate that Bill Ruck is indeed a God.

> Preserving the RCA BL298H H-Set Transmitter With Heat

When we began our project the salt atmosphere in the transmitter gallery was virtually the same as that outside. The "modern" (1990 vintage) Henry transmitters had been abandoned for two years. There was standing water inside them from condensation. The classic transmitters from the 1950s had been abandoned for ten years. The controls were frozen and the doors couldn't be opened. When we did open them we find staggering amounts of rust and corrosion.

When you're running transmitters H24 as RCA did the heat keeps them moisture free. We now run the Henry transmitters only once a week, the classic transmitters even less frequently. So when the H Set Team completed their stupendous restoration of 298H they wanted to make surethe classic gem did not once again become a victim of salt air and moisture. Here's the story of how they did it, told by Greg Farrell of the H Set Team:

Superintendent Cicely Muldoon pits restored T298H on the air for Night of Nights 2013
Many of you are already familiar with the work the venerable H-set team did to restore the RCA 20 KW SSB T3 "H-set" transmitter and get it back on the air. It was a huge team effort, with countless trips to Bolinas (BL) and thousands of hours of volunteer time spent working on it, over a 3 year period. It's dedication occurred on July 12, 2013. What I will be covering in this article, is the design and implementation of a heating system, to help preserve the transmitter between operating cycles, which could be days, weeks, months, by keeping the interior hardware above dew point.
We were very conscious of the fact that the marine climate at Bolinas is tough on transmitters. After 30 years of service and 20 years of sitting idle, the salts in the air that had accumulated and precipitated where electric and magnetic fields were strongest inside while it was in operation, had turned much of the exposed metal,wiring, hardware and electronic components into corroded relics. With all the effort put into the restoration,

how could we ensure that history wouldn't repeat itself again, either in the next 10 years or next 1000 years? The work we had done was to restore and preserve a National Treasure of the Wireless Communication Age. We sure as heck didn't want to see it turning into a corroded hulk again!

The humidity on the coast at Bolinas runs high most of the year, between 80%-99%, with a dew point that runs in the mid 50's most of the time. Dew point is defined in Wikipedia, "as the temperature at which the water vapor in air at constant barometric pressure condenses into liquid water at the same rate at which it evaporates. At temperatures below the dew point, water will leave the air."

The prevailing on-shore winds off the Pacific Ocean, move tons of NaCl molecules over the land, and anything that is exposed or that moves air will get exposed continually with molecular salt. We knew we needed heat to keep the transmitter above the dew point, especially during the winter months, while it was sitting idle between operations. The RCA transmitter building 2A is not heated, and gets quite cold inside at times.

We knew we needed to get heat inside the transmitter cabinet, but in particular, heat into the sensitive RF Power Amp/Modulator Assembly. With limited funds, we needed to come up with a solution that was not only inexpensive, practical and durable, but also one with no moving parts, or parts that could easily fail due to fatigue, age or corrosion.

Several options were investigated, including high-grade commercial/industrial heaters, strip heaters, cabin heaters etc. Finding a suitable thermostat was another challenge. Most thermostats commercially available are not designed to operate indefinitely in a harsh marine environment.

On the way home one day from Bolinas, riding with Bob Dildine and Larry Nutting, I asked the question, "What if we used power resistors?" They have no moving parts. Their resistance and power (heat) output is rated specifically. All they need is electricity. Sealed, they will produce a known value of power in watts in perpetuity as long as AC current is available to them.

The thermostats selected had to be sealed, durable and able to survive the salty air. After investigating possible sources, I settled on using one made by a company named SENASYS, model 2570L334 (L-1671) . Sealed, it is designed for use in extreme environments. This particular model closed (power on) at 60 degrees F (15.5 C) and opened (power off) at 70 degrees F (21.1 C). And they were cheap! Price was $9.75 each, so I ordered two with one for back-up.

For the resistors, we selected a DALE RH-250 250W 120 OHM 5% power resistor, readily available and cheap ($7 each on eBay). They produce a nice even predictable level of heat when mounted to 3/8" aluminum plate. We decided to mount them in series using thermal compound, to operate at approximately 55-60 watts at 1/2 amp for nice, gentle continuous operation.

DALE 120 Ohm resistor   Larry Nutting, assisted me in the overall design, locating and selecting a suitable aluminum mounting plate at a local salvage yard, drilling and tapping holes, along with testing and validation prior to finalizing the design and installation. The plate had to fit the bottom of the PA assembly exactly, and its mounting holes had to align where screw holes already existed to attach the large PA bottom cover. One of guiding rules during the restoration project was to avoid unnecessary cutting or hole drilling, to keep the transmitter as original as possible when it ceased operations in the early 1990's.

The thermostat was mounted to the outside of the PA assembly against one of the side covers. Fleece covers were used to cover the top cabinet vents, so when the transmitter is offline the vents are covered to reduce heat loss out the cabinet itself (it has plenty enough openings already without the vents being left open!).

Testing was done both on the bench and inside the transmitter day.

During bench testing, the plate would warm to a nice 130-135 deg F and pull a steady 500 ma. @ 120 VAC. Field testing with the plate assembly mounted inside H-Set # 355, measuring ambient temperature after four hours the probe inside the PA Assembly read 77 deg F (25 C) but this was in May 2012.

Early bench testing of resistors   Installation in #298 took place September 15, 2012 during a very difficult time for me, as my father had come down with terminal cancer and passed a month later.

Further temperature measurements were taken during November 2012: inside PA assembly 67 F (19.4 C), inside main cabinet 61 F (16 C) ambient. On a very cold day in February 2013 (we'd had a long cold spell all throughout January into February), I measured transmitter gallery ambient at 51 F (10.5 C), inside main cabinet 52 F (11.1 C), inside PA unit 57 F (13.8 C) ambient with the metal anywhere from 52-89 F depending on where you took the reading with the Raytek Raynger ST2 "gun". Dew point was at 51 F (10.5 C). The heater was doing its job!

Since there is no power on to the transmitter "after hours", external 115VAC power was brought in initially with an extension cord, due to time constraints, with a later project to upgrade and install a direct line up through the floor in conduit to the transmitter. That project is currently underway. In fact, the H-set heater design has proved so successful, that MRHS has decided to direct wire all the RCA "L" and "K" set transmitters in the gallery and install Dale resistor heaters. At some future time, we may run heaters into some of the unrestored RCA H-sets.

Heaters mounted to bottom of PA assembly   In addition to the PA Assembly Dale power resistor heaters, two 60 watt infrared reptile heaters (they emit no visible light) were installed to add supplemental constant heat inside the open cavern of the transmitter cabinet. A temporary neon lamp is employed to indicate when the PA heater is on or off as governed by the SENASYS thermostat control. Longer-term, a front panel neon indicator light will be utilized to indicate external 115VAC power is on into the cabinet, in addition to the one employed for the PA assembly heater. John Felton helped design and install a similar power resistor heater solution, to keep the downstairs PA plate transformer warm and dry. Unwanted moisture and salts are considered evil things for HV plate transformers.

The PA assembly heater has been in use since September 2012 with no major issues. BL298H stays toasty warm and dry inside even on the coldest, dampest days at BL. It is a treat to open the cabinet door when I am out there and feel the warmth inside, and know that this transmitter might just be operable 500 years from now.

Greg Farrell
K6SRO

> MRHS Merchandise

Support the MRHS and look cool at the same time. Such a deal! We've got hats, mugs, T shirts, belt buckles and bumper stickers, all with variations of the MRHS logo. Get a hat

and mug for yourself and a put yourself in solid with the XYL by getting her a MRHS hoodie.

Click on the images to go to the True Believers Store

Just click on the images above to go to the MRHS True Believers store and browse our offerings. Thanks!

Whew! Okay, that's it for this issue. Thanks for reading. We very much look forward to hearing you on the air or seeing you in person on Night of Nights. Until then we wish you the best of luck and fair winds & following seas.

73,

MRHS

Forward this email
This email was sent to cwopr@... by info@radiomarine.org |
Update Profile/Email Address | Instant removal with SafeUnsubscribe ™ | Privacy Policy .
Maritime Radio Historical Society | PO Box 392 | Point Reyes Station | California | 94956

9688. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-17 12:17:52 UTC
From: Louis Vermond
Topic: 130 Message: 9688

http://www.ebay.com/itm/Pair-BIG-Lapp-Navy-Ship-Ceramic-Antenna-Insulator-Old-Ham-Radio-Tube-Transmitter-/390866143519?ssPageName=ADME:B:SS:US:1123

9689. RME LF-90 alignment?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-17 13:36:44 UTC
From: Roger Kuchera
Topic: 9689 Message: 9689

Gentlemen,

I am in need of the alignment procedure for an RME LF-90. It is a rather rare up-converter for early RME receivers.

I have combed the net looking for this information but all I have succeeded in finding is a 2-page blurb from an old Rider's manual. I'm not even sure that RME ever provided this information.

I would be eternally grateful to anyone who might have an original manual that they would copy and/or any data on alignment procedures.

Thank you for your time and effort.

CUL, Roger/K1TG

9690. Re: [AWA Group] RME LF-90 alignment?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-17 18:58:54 UTC
From: Larry Szendrei
Topic: 9689 Message: 9690

On 6/17/14 9:36 AM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:
> Gentlemen,
> I am in need of the alignment procedure for an RME LF-90. It is a
> rather rare up-converter for early RME
> receivers.
>
> I have combed the net looking for this information but all I have
> succeeded in finding is a 2-page blurb
> from an old Rider's manual. I'm not even sure that RME ever provided
> this information.

RME had been known to say "if you need alignment instructions you have
no business attempting alignment!" ;-)

>
> I would be eternally grateful to anyone who might have an
> original manual that they would copy and/or
> any data on alignment procedures.

Sorry, can't help, Roger.

73,
-Larry/NE1S

9691. Re: [AWA Group] RME LF-90 alignment?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-17 19:26:17 UTC
From: Steve
Topic: 9689 Message: 9691

Try this Roger:

http://www.nostalgiaair.org/PagesByModel/096/M0016096.pdf

Steve / VE7SL

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

9692. Re: [AWA Group] RME LF-90 alignment?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-17 19:29:57 UTC
From: Steve
Topic: 9689 Message: 9692

On paying more attention to your initial post I see that you have already found this one....sorry.

Does it work at all presently?

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

9693. RE: [AWA Group] RME LF-90 alignment?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-17 20:55:09 UTC
From: Mike Feher
Topic: 9689 Message: 9693

I believe that is the same reason there were no labels on the RME-69 controls. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, June 17, 2014 2:59 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] RME LF-90 alignment?

On 6/17/14 9:36 AM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:

Gentlemen,

I am in need of the alignment procedure for an RME LF-90. It is a rather rare up-converter for early RME

receivers.

I have combed the net looking for this information but all I have succeeded in finding is a 2-page blurb

from an old Rider's manual. I'm not even sure that RME ever provided this information.

RME had been known to say "if you need alignment instructions you have no business attempting alignment!" ;-)

I would be eternally grateful to anyone who might have an original manual that they would copy and/or

any data on alignment procedures.

Sorry, can't help, Roger.

73,
-Larry/NE1S

9694. Re: [AWA Group] RME LF-90 alignment?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-17 23:03:12 UTC
From: Roger Kuchera
Topic: 9689 Message: 9694

Hi Mike,
     Then I have to wonder why the RME-69 and DB-20 manuals both have a replete set of alignment
instructions (?).

     Out there in the "great somewhere" are instructions for the LF-90. The US Navy would never allow
a unit to exist without them.

Roger.

On Tuesday, June 17, 2014 4:55 PM, "'Mike Feher' n4fs@... [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:

I believe that is the same reason there were no labels on the RME-69 controls. 73 – Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

From:AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, June 17, 2014 2:59 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] RME LF-90 alignment?

On 6/17/14 9:36 AM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:

>Gentlemen,
>   I am in need of the alignment procedure for an RME LF-90. It is a rather rare up-converter for early RME
>receivers.
>
>   I have combed the net looking for this information but all I have succeeded in finding is a 2-page blurb
>from an old Rider's manual. I'm not even sure that RME ever provided this information.

RME had been known to say "if you need alignment instructions you have no business attempting alignment!" ;-)

     I would be eternally grateful to anyone who might have an original manual that they would copy and/or
any data on alignment procedures.

Sorry, can't help, Roger.

73,!
-Larry/NE1S

9695. Re: [AWA Group] RME LF-90 alignment?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-18 05:57:14 UTC
From: Roger Kuchera
Topic: 9689 Message: 9695

Hi,
     Yes, it does but calibration and sensitivity are not too hot. I'm not sure this would be the best
thing to start off with for 600 meters. There can't be too many of these left.

Roger.

On Tuesday, June 17, 2014 7:03 PM, "Roger Kuchera rwkuchera@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Hi Mike,
     Then I have to wonder why the RME-69 and DB-20 manuals both have a replete set of alignment
instructions (?).

     Out there in the "great somewhere" are instructions for the LF-90. The US Navy would never allow
a unit to exist without them.

Roger.

On Tuesday, June 17, 2014 4:55 PM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

I believe that is the same reason there were no labels on the RME-69 controls. 73 – Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

From:AWAGroup@...m [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, June 17, 2014 2:59 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] RME LF-90 alignment?

On 6/17/14 9:36 AM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:

>Gentlemen,
>   I am in need of the alignment procedure for an RME LF-90. It is a rather rare up-converter for early RME
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>
>   I have combed the net looking for this information but all I have succeeded in finding is a 2-page blurb
>from an old Rider's manual. I'm not even sure that RME ever provided this information.

RME had been known to say "if you need alignment instructions you have no business attempting alignment!" ;-)

I would be eternally grateful to anyone who might have an original manual that they would copy and/or
any data on alignment procedures.

Sorry, can't help, Roger.

73,!
-Larry/NE1S

9696. Re: [AWA Group] RME LF-90 alignment?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-18 11:21:08 UTC
From: Larry Szendrei
Topic: 9689 Message: 9696

On 6/17/14 4:55 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> I believe that is the same reason there were no labels on the RME-69
> controls. 73 -- Mike
>
> Mike B. Feher, N4FS
>
>
Yes! It made restoring the front panel on my RME-69 a cinch.

Any REAL operator knows instinctively the function of each control (or,
at least, can figure it out in short order. ;-))

73,
-Larry/NE1S

9697. Re: RME LF-90 Alignment

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-20 19:51:23 UTC
From: JAMES HANLON
Topic: 9697 Message: 9697

I ran across RME founder E. G. Shalkhauser at the Dayton Hamvention one year, and I bugged him about the lack of labels on my RME-69 panel and on the lack of alignment instructions in the manual. He was a pretty salty old cuss. He did indeed tell me that I was supposed to know what the knobs were for and that I shouldn't need labels, and also that I ought to know how to align a receiver without instructions and that if I didn't know I shouldn't be messing around with his radio!

Jim, W8KGI

9698. Re: [AWA Group] Re: RME LF-90 Alignment

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-20 22:28:18 UTC
From: Leonard Meek
Topic: 9697 Message: 9698

I didn't think there was any confusion about aligning the IF's, but I think it would be kinda hard to align the LO without knowing where the zero tracking error points were. Or am I being too picky?

Leonard

----- Original Message -----
From: JAMES HANLON knjhanlon@... [AWAGroup]
To: AWA Group
Sent: Friday, June 20, 2014 9:51 AM
Subject: [AWA Group] Re: RME LF-90 Alignment

I ran across RME founder E. G. Shalkhauser at the Dayton Hamvention one year, and I bugged him about the lack of labels on my RME-69 panel and on the lack of alignment instructions in the manual. He was a pretty salty old cuss. He did indeed tell me that I was supposed to know what the knobs were for and that I shouldn't need labels, and also that I ought to know how to align a receiver without instructions and that if I didn't know I shouldn't be messing around with his radio!

Jim, W8KGI

9699. Re: [AWA Group] Re: RME LF-90 Alignment

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-20 22:29:01 UTC
From: Roger Kuchera
Topic: 9697 Message: 9699

Howdy Jim,
     You're the second response I received mentioning the lack of labels on the many knobs on the
RME-69.

     I might mention here that RME did produce service manuals with detailed alignment data for
the RME-69 and DB-20 pre-amplifier. They were typewritten just like the user's manual.

     From the paucity of answers or ideas I have not received, I would guess it is going to be the
old SWAG method of alignment.

     Thanks for the comments though.

CUL, Roger/K1TG

On Friday, June 20, 2014 3:51 PM, "JAMES HANLON knjhanlon@... [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:

I ran across RME founder E. G. Shalkhauser at the Dayton Hamvention one year, and I bugged him about the lack of labels on my RME-69 panel and on the lack of alignment instructions in the manual. He was a pretty salty old cuss. He did indeed tell me that I was supposed to know what the knobs were for and that I shouldn't need labels, and also that I ought to know how to align a receiver without instructions and that if I didn't know I shouldn't be messing around with his radio!

Jim, W8KGI

9700. Homebrew square bus

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-21 13:48:07 UTC
From: pacquerat@...
Topic: 9700 Message: 9700

This is a recent topic in the ARF...

http://antiqueradios.com/forums/viewtopic.php?f=10&t=253190

gl

Chas
wa1jfd

9701. Homebrew 20's transmitter austion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-21 13:55:21 UTC
From: pacquerat@...
Topic: 9701 Message: 9701

Very interesting transmitter on ebay:

http://www.ebay.com/itm/MASSIVE-ANTIQUE-RADIO-RECEIVER-4-TUBE-5-METER-SETUP-MADE-BY-RADIO-ENGINEER-L-K/321437163311

I am a little doubtful that it is 5 meters. FWIK with tubes of the era to reach that mark the bases had to come off and the "L" was usually a "hairpin" linear design.

None the less I do see a separate oscillator, possibly crystal controlled and potentially operating as a buffer tripler. My hunch is 15 meters...

Very nice vintage work...

Chas
wa1jfd

9702. RE: [AWA Group] Homebrew 20's transmitter austion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-21 14:10:27 UTC
From: Mike Feher
Topic: 9701 Message: 9702

Yes it is. I am waiting to bid on it and have been watching it closely. I believe the seller thinks it is a receiver as that is how he has it advertised. As far as the five meters go, I just think he means the actual meters on the front panel and not wavelength. It is hard to tell, but the larger coils may be plug in style as well. The one by the crystal socket is. Also, the schematic shown does not go with this item. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, June 21, 2014 9:55 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Homebrew 20's transmitter austion

Very interesting transmitter on ebay:

http://www.ebay.com/itm/MASSIVE-ANTIQUE-RADIO-RECEIVER-4-TUBE-5-METER-SETUP-MADE-BY-RADIO-ENGINEER-L-K/321437163311

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None the less I do see a separate oscillator, possibly crystal controlled and potentially operating as a buffer tripler. My hunch is 15 meters...

Very nice vintage work...

Chas
wa1jfd

9703. Re: [AWA Group] Homebrew 20's transmitter austion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-21 14:41:07 UTC
From: Louis Vermond
Topic: 9701 Message: 9703

All that and Aero coils too. A bit overwhelming... GL, Mike. Lou

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-06-21 10:10 AM
Subject: RE: [AWA Group] Homebrew 20's transmitter austion

Yes it is. I am waiting to bid on it and have been watching it closely. I believe the seller thinks it is a receiver as that is how he has it advertised. As far as the five meters go, I just think he means the actual meters on the front panel and not wavelength. It is hard to tell, but the larger coils may be plug in style as well. The one by the crystal socket is. Also, the schematic shown does not go with this item. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, June 21, 2014 9:55 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Homebrew 20's transmitter austion

Very interesting transmitter on ebay:

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None the less I do see a separate oscillator, possibly crystal controlled and potentially operating as a buffer tripler. My hunch is 15 meters...

Very nice vintage work...

Chas
wa1jfd

9704. RE: [AWA Group] Homebrew 20's transmitter austion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-21 14:59:32 UTC
From: Mike Feher
Topic: 9701 Message: 9704

Thanks for the reminder Lou, Aero was at the tip of my tongue, but, I just did not remember it. That indeed makes it so they can be interchangeable for different bands. I am sure it will not be a bargain, as there will be a lot of last second bidders. I'll give it a go regardless. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, June 21, 2014 10:41 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Homebrew 20's transmitter austion

☐

All that and Aero coils too. A bit overwhelming... GL, Mike. Lou

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup] <mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2014-06-21 10:10 AM

Subject: RE: [AWA Group] Homebrew 20's transmitter austion

Yes it is. I am waiting to bid on it and have been watching it closely. I believe the seller thinks it is a receiver as that is how he has it advertised. As far as the five meters go, I just think he means the actual meters on the front panel and not wavelength. It is hard to tell, but the larger coils may be plug in style as well. The one by the crystal socket is. Also, the schematic shown does not go with this item. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, June 21, 2014 9:55 AM
To: AWAGroup@yahoogroups.com

Subject: [AWA Group] Homebrew 20's transmitter austion

Very interesting transmitter on ebay:

http://www.ebay.com/itm/MASSIVE-ANTIQUE-RADIO-RECEIVER-4-TUBE-5-METER-SETUP-MADE-BY-RADIO-ENGINEER-L-K/321437163311

I am a little doubtful that it is 5 meters. FWIK with tubes of the era to reach that mark the bases had to come off and the "L" was usually a "hairpin" linear design.

None the less I do see a separate oscillator, possibly crystal controlled and potentially operating as a buffer tripler. My hunch is 15 meters...

Very nice vintage work...

Chas
wa1jfd

9705. Re: [AWA Group] Homebrew 20's transmitter austion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-21 18:12:58 UTC
From: Louis Vermond
Topic: 9701 Message: 9705

It is very unique, Mike. A worthy addition.

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-06-21 10:59 AM
Subject: RE: [AWA Group] Homebrew 20's transmitter austion

Thanks for the reminder Lou, Aero was at the tip of my tongue, but, I just did not remember it. That indeed makes it so they can be interchangeable for different bands. I am sure it will not be a bargain, as there will be a lot of last second bidders. I'll give it a go regardless. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, June 21, 2014 10:41 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Homebrew 20's transmitter austion

□

All that and Aero coils too. A bit overwhelming... GL, Mike. Lou

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup]

To: AWAGroup@yahoogroups.com

Sent: 2014-06-21 10:10 AM

Subject: RE: [AWA Group] Homebrew 20's transmitter austion

Yes it is. I am waiting to bid on it and have been watching it closely. I believe the seller thinks it is a receiver as that is how he has it advertised. As far as the five meters go, I just think he means the actual meters on the front panel and not wavelength. It is hard to tell, but the larger coils may be plug in style as well. The one by the crystal socket is. Also, the schematic shown does not go with this item. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, June 21, 2014 9:55 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Homebrew 20's transmitter austion

Very interesting transmitter on ebay:

http://www.ebay.com/itm/MASSIVE-ANTIQUE-RADIO-RECEIVER-4-TUBE-5-METER-SETUP-MADE-BY-RADIO-ENGINEER-L-K/321437163311

I am a little doubtful that it is 5 meters. FWIK with tubes of the era to reach that mark the bases had to come off and the "L" was usually a "hairpin" linear design.

None the less I do see a separate oscillator, possibly crystal controlled and potentially operating as a buffer tripler. My hunch is 15 meters...

Very nice vintage work...

Chas
wa1jfd

9706. Re: [AWA Group] Homebrew 20's transmitter austion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-21 19:44:34 UTC
From: Steve
Topic: 9701 Message: 9706

Lovely looking transmitter....hard to believe it is homebrew...must have
been the Collins S-line of its day!

Steve / VE7SL

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

9707. Re: [AWA Group] Homebrew 20's transmitter austion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-23 01:33:31 UTC
From: Larry Szendrei
Topic: 9701 Message: 9707

I concur with Mike on "5 meters" referring to the five panel meters, not the wavelength of operation. THis set was clearly built in the 1920s, and 5 meters was SHF back then.

As far as removing the bases of standard receiving tubes to get them to function at VHF - yes, it was done, but it was not always necessary. I reproduced a mid-thirties 2-1/2M transceiver using a single type 76, and it oscillated just fine where it was supposed to with its base intact. I believe it to have been a Frank Jones design, and the base was not removed in the original, either. In fact I successfully moved it up to the 2M band!

73,
-Larry/NE1S

On 6/21/14 9:55 AM, pacquerat@... [AWAGroup] wrote:
>
> Very interesting transmitter on ebay:
>
> http://www.ebay.com/itm/MASSIVE-ANTIQUE-RADIO-RECEIVER-4-TUBE-5-METER-SETUP-MADE-BY-RADIO-ENGINEER-L-K/321437163311
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> I am a little doubtful that it is 5 meters. FWIK with tubes of the era
> to reach that mark the bases had to come off and the "L" was usually a
> "hairpin" linear design.
>
> None the less I do see a separate oscillator, possibly crystal
> controlled and potentially operating as a buffer tripler. My hunch is
> 15 meters...
>
> Very nice vintage work...
>
> Chas
> wa1jfd
>
>

9708. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-23 21:34:22 UTC
From: Louis Vermond
Topic: 130 Message: 9708

http://www.ebay.com/itm/Vintage-Weston-model-264-no-K6559-DC-Milliamperes-meter-/181445554216?ssPageName=ADME:B:SS:CA:3160

9709. Re: [AWA Group] Homebrew 20's transmitter austion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-27 00:43:34 UTC
From: K3PID
Topic: 9701 Message: 9709

Did someone on the list end up buying this?

From: mailto:AWAGroup@yahoogroups.com
Sent: Saturday, June 21, 2014 9:10 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Homebrew 20's transmitter austion

Yes it is. I am waiting to bid on it and have been watching it closely. I believe the seller thinks it is a receiver as that is how he has it advertised. As far as the five meters go, I just think he means the actual meters on the front panel and not wavelength. It is hard to tell, but the larger coils may be plug in style as well. The one by the crystal socket is. Also, the schematic shown does not go with this item. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, June 21, 2014 9:55 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Homebrew 20's transmitter austion

Very interesting transmitter on ebay:

http://www.ebay.com/itm/MASSIVE-ANTIQUE-RADIO-RECEIVER-4-TUBE-5-METER-SETUP-MADE-BY-RADIO-ENGINEER-L-K/321437163311

I am a little doubtful that it is 5 meters. FWIK with tubes of the era to reach that mark the bases had to come off and the "L" was usually a "hairpin" linear design.

None the less I do see a separate oscillator, possibly crystal controlled and potentially operating as a buffer tripler. My hunch is 15 meters...

Very nice vintage work...

Chas
wa1jfd

9710. RE: [AWA Group] Homebrew 20's transmitter austion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-27 01:09:14 UTC
From: Mike Feher
Topic: 9701 Message: 9710

Yes, I got it. I was amazed there were no more bidders. It is a beauty. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, June 26, 2014 8:44 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Homebrew 20's transmitter austion

Did someone on the list end up buying this?

From: mailto:AWAGroup@yahoogroups.com

Sent: Saturday, June 21, 2014 9:10 AM

To: AWAGroup@yahoogroups.com

Subject: RE: [AWA Group] Homebrew 20's transmitter austion

Yes it is. I am waiting to bid on it and have been watching it closely. I believe the seller thinks it is a receiver as that is how he has it advertised. As far as the five meters go, I just think he means the actual meters on the front panel and not wavelength. It is hard to tell, but the larger coils may be plug in style as well. The one by the crystal socket is. Also, the schematic shown does not go with this item. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

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To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Homebrew 20's transmitter austion

Very interesting transmitter on ebay:

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None the less I do see a separate oscillator, possibly crystal controlled and potentially operating as a buffer tripler. My hunch is 15 meters...

Very nice vintage work...

Chas
wa1jfd

9711. Re: [AWA Group] Homebrew 20's transmitter austion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-27 01:13:34 UTC
From: Louis Vermond
Topic: 9701 Message: 9711

Congratulations, Mike! Lou

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-06-26 9:09 PM
Subject: RE: [AWA Group] Homebrew 20's transmitter austion

Yes, I got it. I was amazed there were no more bidders. It is a beauty. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, June 26, 2014 8:44 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Homebrew 20's transmitter austion

Did someone on the list end up buying this?

From: mailto:AWAGroup@yahoogroups.com

Sent: Saturday, June 21, 2014 9:10 AM

To: AWAGroup@yahoogroups.com

Subject: RE: [AWA Group] Homebrew 20's transmitter austion

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To: AWAGroup@yahoogroups.com
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I am a little doubtful that it is 5 meters. FWIK with tubes of the era to reach that mark the bases had to come off and the "L" was usually a "hairpin" linear design.

None the less I do see a separate oscillator, possibly crystal controlled and potentially operating as a buffer tripler. My hunch is 15 meters...

Very nice vintage work...

Chas
wa1jfd

9712. Re: [AWA Group] Homebrew 20's transmitter austion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-27 23:33:39 UTC
From: K3PID
Topic: 9701 Message: 9712

Congratulations Mike. Nice catch. Pls keep the list updated on what you learn about it...

73
Ron K3PID

From: mailto:AWAGroup@yahoogroups.com
Sent: Thursday, June 26, 2014 8:09 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Homebrew 20's transmitter austion

Yes, I got it. I was amazed there were no more bidders. It is a beauty. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, June 26, 2014 8:44 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Homebrew 20's transmitter austion

Did someone on the list end up buying this?

From: mailto:AWAGroup@yahoogroups.com

Sent: Saturday, June 21, 2014 9:10 AM

To: AWAGroup@yahoogroups.com

Subject: RE: [AWA Group] Homebrew 20's transmitter austion

Yes it is. I am waiting to bid on it and have been watching it closely. I believe the seller thinks it is a receiver as that is how he has it advertised. As far as the five meters go, I just think he means the actual meters on the front panel and not wavelength. It is hard to tell, but the larger coils may be plug in style as well. The one by the crystal socket is. Also, the schematic shown does not go with this item. 73 – Mike

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From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, June 21, 2014 9:55 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Homebrew 20's transmitter austion

Very interesting transmitter on ebay:

http://www.ebay.com/itm/MASSIVE-ANTIQUE-RADIO-RECEIVER-4-TUBE-5-METER-SETUP-MADE-BY-RADIO-ENGINEER-L-K/321437163311

I am a little doubtful that it is 5 meters. FWIK with tubes of the era to reach that mark the bases had to come off and the "L" was usually a "hairpin" linear design.

None the less I do see a separate oscillator, possibly crystal controlled and potentially operating as a buffer tripler. My hunch is 15 meters...

Very nice vintage work...

Chas
wa1jfd

9713. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-30 14:50:45 UTC
From: Louis Vermond
Topic: 130 Message: 9713

http://www.ebay.com/itm/HOMEBREW-HAM-RECEIVER-TRANSMITTER-ANTENNA-TUNER-PLEASE-HELP-/141334627994?pt=US_Ham_Radio_Transmitters&hash=item20e833469a

9714. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-30 15:44:15 UTC
From: Roger Kuchera
Topic: 130 Message: 9714

Hi Lou,
     It would appear to be a crystal-controlled transmitter. IMHO it probably used a 6L6/6F6/6V6 for a PA bottle.

Roger.

On Monday, June 30, 2014 10:50 AM, "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

http://www.ebay.com/itm/HOMEBREW-HAM-RECEIVER-TRANSMITTER-ANTENNA-TUNER-PLEASE-HELP-/141334627994?pt=US_Ham_Radio_Transmitters&hash=item20e833469a

9715. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-30 16:16:23 UTC
From: Daniel Petersen
Topic: 130 Message: 9715

Looks like a forty meter coil too. Needs an external power supply. Nice looking rig - somebody knew what they were doing!
73,
Dan - W7OIL

On Mon, Jun 30, 2014 at 8:44 AM, Roger Kuchera rwkuchera@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> Hi Lou,
> It would appear to be a crystal-controlled transmitter. IMHO it
> probably used a 6L6/6F6/6V6 for a PA bottle.
>
> Roger.
>
>
> On Monday, June 30, 2014 10:50 AM, "Louis Vermond ldvermond@...
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>
>
>
>
>
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>
>
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>

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73,
Dan - W7OIL

9716. Hallicrafters R-649A

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-30 19:03:50 UTC
From: Leonard Meek
Topic: 9716 Message: 9716

Some years ago a friend gave me a Hallicrafters R-649A, ser# is 18. It was made for the US Coast Guard. It's AC/DC and quite sturdy (about 90 lb) I was able to get it working and aligned with a reprint of the tech manual, but I would like to know a little more about it. Anyone familiar with it?

Leonard

9717. RE: [AWA Group] Homebrew 20's transmitter austion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-30 20:04:43 UTC
From: Mike Feher
Topic: 9701 Message: 9717
Attachments: 1 described; binary payloads are missing from this source WARC

Wow – I just received the rear connector for this transmitter. The wooden block is 5” x 3.5”. This is going to be bigger than I expected. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, June 26, 2014 9:09 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Homebrew 20's transmitter austion

Yes, I got it. I was amazed there were no more bidders. It is a beauty. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, June 26, 2014 8:44 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Homebrew 20's transmitter austion

Did someone on the list end up buying this?

From: mailto:AWAGroup@yahoogroups.com

Sent: Saturday, June 21, 2014 9:10 AM

To: AWAGroup@yahoogroups.com

Subject: RE: [AWA Group] Homebrew 20's transmitter austion

Yes it is. I am waiting to bid on it and have been watching it closely. I believe the seller thinks it is a receiver as that is how he has it advertised. As far as the five meters go, I just think he means the actual meters on the front panel and not wavelength. It is hard to tell, but the larger coils may be plug in style as well. The one by the crystal socket is. Also, the schematic shown does not go with this item. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

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I am a little doubtful that it is 5 meters. FWIK with tubes of the era to reach that mark the bases had to come off and the "L" was usually a "hairpin" linear design.

None the less I do see a separate oscillator, possibly crystal controlled and potentially operating as a buffer tripler. My hunch is 15 meters...

Very nice vintage work...

Chas
wa1jfd

9718. Re: [AWA Group] Homebrew 20's transmitter austion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-30 20:17:33 UTC
From: Larry Szendrei
Topic: 9701 Message: 9718

Cool! Is this a CW-only rig, or is there a modulator?

73,
-Larry/NE1S
(who is honestly not trying to start yet another "loop modulation" thread!)

On 6/30/14 4:04 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Wow – I just received the rear connector for this transmitter. The
> wooden block is 5” x 3.5”. This is going to be bigger than I expected.
> 73 – Mike
>

> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Thursday, June 26, 2014 9:09 PM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* RE: [AWA Group] Homebrew 20's transmitter austion
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> *Subject:* Re: [AWA Group] Homebrew 20's transmitter austion
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> Did someone on the list end up buying this?
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> *To:*AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
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> closely. I believe the seller thinks it is a receiver as that is how
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> with this item. 73 – Mike
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> I am a little doubtful that it is 5 meters. FWIK with tubes of the era
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> 15 meters...
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> Very nice vintage work...
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> Chas
> wa1jfd
>
>

9719. RE: [AWA Group] Homebrew 20's transmitter austion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-30 20:20:19 UTC
From: Mike Feher
Topic: 9701 Message: 9719

Looks like CW only at this point. Did you see the pictures? 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, June 30, 2014 4:18 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Homebrew 20's transmitter austion

Cool! Is this a CW-only rig, or is there a modulator?

73,
-Larry/NE1S
(who is honestly not trying to start yet another "loop modulation" thread!)

On 6/30/14 4:04 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

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To: AWAGroup@yahoogroups.com
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Subject: RE: [AWA Group] Homebrew 20's transmitter austion

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Very nice vintage work...

Chas
wa1jfd

9720. Re: [AWA Group] Homebrew 20's transmitter austion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-30 20:31:58 UTC
From: Larry Szendrei
Topic: 9701 Message: 9720

Yes. I saw the photos on ebay before it was yours, anyway. Gorgeous.

-'1S

On 6/30/14 4:20 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
> Looks like CW only at this point. Did you see the pictures? 73 - Mike
>
> Mike B. Feher, N4FS
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> Howell, NJ, 07731
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> (who is honestly not trying to start yet another "loop modulation"
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> 732-886-5960
>

> *From:*AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Thursday, June 26, 2014 9:09 PM
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Subject:* RE: [AWA Group] Homebrew 20's transmitter austion
>
> Yes, I got it. I was amazed there were no more bidders. It is a
> beauty. 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Thursday, June 26, 2014 8:44 PM
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Subject:* Re: [AWA Group] Homebrew 20's transmitter austion
>
> Did someone on the list end up buying this?
>
> *From:*mailto:AWAGroup@yahoogroups.com
>
> *Sent:*Saturday, June 21, 2014 9:10 AM
>
> *To:*AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
>
> *Subject:*RE: [AWA Group] Homebrew 20's transmitter austion
>
> Yes it is. I am waiting to bid on it and have been watching it
> closely. I believe the seller thinks it is a receiver as that is how
> he has it advertised. As far as the five meters go, I just think he
> means the actual meters on the front panel and not wavelength. It is
> hard to tell, but the larger coils may be plug in style as well. The
> one by the crystal socket is. Also, the schematic shown does not go
> with this item. 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>

> [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Saturday, June 21, 2014 9:55 AM
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Subject:* [AWA Group] Homebrew 20's transmitter austion
>
> Very interesting transmitter on ebay:
>
> http://www.ebay.com/itm/MASSIVE-ANTIQUE-RADIO-RECEIVER-4-TUBE-5-METER-SETUP-MADE-BY-RADIO-ENGINEER-L-K/321437163311
>
> I am a little doubtful that it is 5 meters. FWIK with tubes of the era
> to reach that mark the bases had to come off and the "L" was usually a
> "hairpin" linear design.
>
> None the less I do see a separate oscillator, possibly crystal
> controlled and potentially operating as a buffer tripler. My hunch is
> 15 meters...
>
> Very nice vintage work...
>
> Chas
> wa1jfd
>
>

9721. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-30 22:58:03 UTC
From: Louis Vermond
Topic: 130 Message: 9721

6L6/6F6/6V6

But what are the two hanging leads with solder lugs for? Lou

----- Original Message -----
From: Roger Kuchera rwkuchera@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-06-30 11:44 AM
Subject: Re: [AWA Group] eBay Alert

Hi Lou,
It would appear to be a crystal-controlled transmitter. IMHO it probably used a 6L6/6F6/6V6 for a PA bottle.

Roger.

On Monday, June 30, 2014 10:50 AM, "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

http://www.ebay.com/itm/HOMEBREW-HAM-RECEIVER-TRANSMITTER-ANTENNA-TUNER-PLEASE-HELP-/141334627994?pt=US_Ham_Radio_Transmitters&hash=item20e833469a

9722. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-30 23:42:57 UTC
From: Mike Feher
Topic: 130 Message: 9722

The meter, silly. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, June 30, 2014 6:58 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert

☐

6L6/6F6/6V6

But what are the two hanging leads with solder lugs for? Lou

----- Original Message -----

From: Roger Kuchera rwkuchera@snet.net [AWAGroup] <mailto:rwkuchera@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2014-06-30 11:44 AM

Subject: Re: [AWA Group] eBay Alert

Hi Lou,

It would appear to be a crystal-controlled transmitter. IMHO it probably used a 6L6/6F6/6V6 for a PA bottle.

Roger.

On Monday, June 30, 2014 10:50 AM, "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

http://www.ebay.com/itm/HOMEBREW-HAM-RECEIVER-TRANSMITTER-ANTENNA-TUNER-PLEASE-HELP-/141334627994?pt=US_Ham_Radio_Transmitters <http://www.ebay.com/itm/HOMEBREW-HAM-RECEIVER-TRANSMITTER-ANTENNA-TUNER-PLEASE-HELP-/141334627994?pt=US_Ham_Radio_Transmitters&hash=item20e833469a> &hash=item20e833469a

9723. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-06-30 23:45:06 UTC
From: Steve Flood
Topic: 130 Message: 9723

But what are the two hanging leads with solder lugs for

Looks like they should attach to the meter lugs.

-Steve

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

9724. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-01 01:13:50 UTC
From: Louis Vermond
Topic: 130 Message: 9724

Looks like they should attach to the meter lugs. Of course...silly me.

9725. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-01 01:24:04 UTC
From: w0vlz@...
Topic: 130 Message: 9725

But why disconnected? Wish the seller had flipped the chassis over so we could tell the state of the wiring underneath.

Niel

9726. Crescentyne 5 Tube radio

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-05 01:23:49 UTC
From: raymcn@...
Topic: 9726 Message: 9726

Hi. I normally do a lot of listening/lurking and enjoy the discussions by the very knowledgeable members here. I work at a stereo/radio shop and a Crescentyne 5 tube radio walked thru the door this week. There was serious discussion to take out the tubes and sell it bit by bit on the auction site. I lobbied to give a chance to sell as a complete setup and have a couple of weeks maybe to see if there may be some interest.

If this is not an acceptable message on this group, please let me know and I will respect the direction I get.

A quick summary of items include the Crescentyne radio (not sure on model) with (4) 01A type tubes and (1) 171 type tube, 2 additional 01A type tubes, A and B battery eliminators, and 1 set Nathaniel Baldwin Type C headphones, The radio does work, we connected power and did receive a local station, I have new respect for the radio listeners of days gone by. The battery eliminators were not tested due to condition.

If there is interest, I can email pictures, or put a couple in the photo section. I can also further describe condition of items as needed. I can be reached at raymcn at gmail period com. Remove the spaces and make 2 conversions as appropriate. Please put the radio name in the subject line.

I have my email set for daily digest, so not able to respond right away to replys here, but will respond as best as I can, and to the group if appropriate. Thanks for the bandwidth, just trying to save some radio history intact.

Thanks,
Ray M

9727. New TX -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-06 16:31:04 UTC
From: Mike Feher
Topic: 9727 Message: 9727

I have been looking into the new transmitter that I purchased off of eBay. Thankfully, it, the monster, arrived safely as it was very well packed. The only thing that was slightly damaged was the output link coil. The tube line up appears to be a 47 for the crystal oscillator, a 45 for the buffer/doubter, and, a pair of 210s in the final. The schematic that came with it, and the set do not completely agree, but they are close. The larger coils are of the Aero type. The schematic shows 7 meters, but, the set only has 6. Just about everything is metered. The thermal galvanometer is for crystal activity, there are AC voltmeters for the tube filaments and DC milliamp meters for plates..

While I have seen some of the beautiful sets built by some of our members on this list, I find it hard to believe that someone in the late 20's would have built this set without any instructions to follow. Not saying it could not have been done, but, the craftsmanship is just phenomenal. There are two crystals to select from, however the coil in the oscillator seems to have an awful lot of turns, so, I am thinking the crystals are for the 160 meter band. That is what makes me think that the following tube can be acting as a doubter. I will grid-dip the coils in a little while. I will also research some QSTs to see if I can find this set or a similar one, as again, I find it hard to believe it was just put together by an average ham of that era.

This would be a fun set to try and use in the '29 AWA affair in conjunction with my Grebe CR-18 special. I was just looking at Steve (VE7SL's web page, and, saw that crystal control rigs are not allowed in the '29 affair. I wonder why that is and who came up with that silly rule. Crystals were used by hams as early as '26 if not earlier. I will keep you guys updated on my progress. It will be a challenge to build a time correct power supply for the set, especially for the transformers. There are 15 wires coming out of the real plug. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

9728. Re: [AWA Group] New TX -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-06 17:25:52 UTC
From: Louis Vermond
Topic: 9727 Message: 9728
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Mike,

This will be the focal point of your amateur gear collection.

This would be a fun set to try and use in the '29 AWA affair in conjunction with my Grebe CR-18 special. I was just looking at Steve (VE7SL's web page, and, saw that crystal control rigs are not allowed in the '29 affair. I wonder why that is and who came up with that silly rule. Bruce Kelley. Not difficult to understand why...

Salvation via the 1938 Handbook.
See text.

153 days...

9729. RE: [AWA Group] New TX -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-06 17:49:47 UTC
From: Mike Feher
Topic: 9727 Message: 9729
Attachments: 2 described; binary payloads are missing from this source WARC

I knew Bruce pretty well, and, never had a problem of convincing him of reality. So, while it may be true, I am not sure why Bruce would insist on it, knowing full well that crystals were being used at the time. I'll have to ask Bill Hurni about it next time I see him. I can always fall back on my other 1929 rig, This is a transmitter/receiver that I have had for 23 years. Quick and lousy camera photos attached. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, July 06, 2014 1:26 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] New TX -

Hello Mike,

This will be the focal point of your amateur gear collection.

This would be a fun set to try and use in the '29 AWA affair in conjunction with my Grebe CR-18 special. I was just looking at Steve (VE7SL's web page, and, saw that crystal control rigs are not allowed in the '29 affair. I wonder why that is and who came up with that silly rule. Bruce Kelley. Not difficult to understand why...

9730. Re: [AWA Group] New TX - [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-06 18:20:54 UTC
From: Larry Szendrei
Topic: 9727 Message: 9730

Pretty. How about a few photos from the back?

73,
-Larry/NE1S

On 7/6/2014 1:49 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> I knew Bruce pretty well, and, never had a problem of convincing him
> of reality. So, while it may be true, I am not sure why Bruce would
> insist on it, knowing full well that crystals were being used at the
> time. I'll have to ask Bill Hurni about it next time I see him. I can
> always fall back on my other 1929 rig, This is a transmitter/receiver
> that I have had for 23 years. Quick and lousy camera photos attached.
> 73 - Mike
>
>

9731. RE: [AWA Group] New TX -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-06 18:24:02 UTC
From: Mike Feher
Topic: 9727 Message: 9731

Larry -

I will take some more photos later. I need a stool or a step ladder to get it off of the top shelf without any worries about dropping it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, July 06, 2014 2:21 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] New TX -

Pretty. How about a few photos from the back?

73,
-Larry/NE1S

On 7/6/2014 1:49 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

I knew Bruce pretty well, and, never had a problem of convincing him of reality. So, while it may be true, I am not sure why Bruce would insist on it, knowing full well that crystals were being used at the time. I'll have to ask Bill Hurni about it next time I see him. I can always fall back on my other 1929 rig, This is a transmitter/receiver that I have had for 23 years. Quick and lousy camera photos attached. 73 - Mike

9732. Re: [AWA Group] New TX -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-06 18:51:30 UTC
From: K3PID
Topic: 9727 Message: 9732

Thanks Mike! Very interesting!

Ron K3PID

9733. Re: [AWA Group] New TX - [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-06 20:38:17 UTC
From: Roger Kuchera
Topic: 9727 Message: 9733

Hi Mike,
      One only has to read Bliley's history of early "piezoelectric" experiments to realize that crystals were in use,
by amateurs, before 1929. There is even an article in QST in 1927 describing their use.

CUL, Roger/K1TG

On Sunday, July 6, 2014 1:50 PM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

I knew Bruce pretty well, and, never had a problem of convincing him of reality. So, while it may be true, I am not sure why Bruce would insist on it, knowing full well that crystals were being used at the time. I'll have to ask Bill Hurni about it next time I see him. I can always fall back on my other 1929 rig, This is a transmitter/receiver that I have had for 23 years. Quick and lousy camera photos attached. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

From:AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, July 06, 2014 1:26 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] New TX -

Hello Mike,

This will be the focal point of your amateur gear collection.

This would be a fun set to try and use in the '29 AWA affair in conjunction with my Grebe CR-18 special. I was just looking at Steve (VE7SL's web page, and, saw that crystal control rigs are not allowed in the '29 affair. I wonder why that is and who came up with that silly rule. Bruce Kelley. Not difficult to understand why...

9734. Re: [AWA Group] New TX -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-06 21:33:37 UTC
From: Larry Szendrei
Topic: 9727 Message: 9734

The explanation I had heard is that although xtal control was certainly being used by amateurs in 1929 and before, it was not typical - only a handful of hams were doing it. I had also heard it was Bruce Kelley's decision and wish not to allow xtal control for the event.

73,
-Larry/NE1S

On 7/6/2014 4:38 PM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:
> Hi Mike,
> One only has to read Bliley's history of early "piezoelectric"
> experiments to realize that crystals were in use,
> by amateurs, before 1929. There is even an article in QST in 1927
> describing their use.
>
> CUL, Roger/K1TG
>
>
> On Sunday, July 6, 2014 1:50 PM, "'Mike Feher' n4fs@...
> [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:
>
>
>
>
>
> I knew Bruce pretty well, and, never had a problem of convincing him
> of reality. So, while it may be true, I am not sure why Bruce would
> insist on it, knowing full well that crystals were being used at the
> time. I'll have to ask Bill Hurni about it next time I see him. I can
> always fall back on my other 1929 rig, This is a transmitter/receiver
> that I have had for 23 years. Quick and lousy camera photos attached.
> 73 - Mike
> Mike B. Feher, N4FS
> 89 Arnold Blvd.
> Howell, NJ, 07731
> 732-886-5960
> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Sunday, July 06, 2014 1:26 PM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* Re: [AWA Group] New TX -
> Hello Mike,
> This will be the focal point of your amateur gear collection.
> This would be a fun set to try and use in the '29 AWA affair in
> conjunction with my Grebe CR-18 special. I was just looking at Steve
> (VE7SL's web page, and, saw that _crystal control rigs are not allowed
> in the '29 affair._ I wonder why that is and who came up with that

> silly rule. Bruce Kelley. Not difficult to understand why...
> _,_._,___

9735. Re: [AWA Group] New TX -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-06 21:45:53 UTC
From: Steve
Topic: 9727 Message: 9735

Could not agree more Mike...why the use of xtal control is not allowed is hard to understand. Maybe Bruce just wanted signals to sound crappy.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

9736. RE: [AWA Group] New TX -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-07 01:12:02 UTC
From: Mike Feher
Topic: 9727 Message: 9736

Roger –

Yes, even the first edition of the ARRL handbook of 1926 has crystal control circuits in it. I have yet to research my QSTs, to see when they first appeared in there. I want to look through them anyway as I am hoping my transmitter or something close to it, will be in one of them. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, July 06, 2014 4:38 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] New TX -

Hi Mike,

One only has to read Bliley's history of early "piezoelectric" experiments to realize that crystals were in use,

by amateurs, before 1929. There is even an article in QST in 1927 describing their use.

CUL, Roger/K1TG

On Sunday, July 6, 2014 1:50 PM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

I knew Bruce pretty well, and, never had a problem of convincing him of reality. So, while it may be true, I am not sure why Bruce would insist on it, knowing full well that crystals were being used at the time. I'll have to ask Bill Hurni about it next time I see him. I can always fall back on my other 1929 rig, This is a transmitter/receiver that I have had for 23 years. Quick and lousy camera photos attached. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, July 06, 2014 1:26 PM
To: AWAGroup@yahoogroups.com

Subject: Re: [AWA Group] New TX -

Hello Mike,

This will be the focal point of your amateur gear collection.

This would be a fun set to try and use in the ’29 AWA affair in conjunction with my Grebe CR-18 special. I was just looking at Steve (VE7SL’s web page, and, saw that crystal control rigs are not allowed in the ’29 affair. I wonder why that is and who came up with that silly rule. Bruce Kelley. Not difficult to understand why...

9737. REL 175 Test Results

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-08 22:59:33 UTC
From: Louis Vermond
Topic: 9737 Message: 9737
Attachments: 3 described; binary payloads are missing from this source WARC

Thank you all for your input.

As you recall, the problem was that the rig would not maintain oscillation with or without a load. As well, when I added a short length of wire at the RF end of the RFC the transmitter worked fine for what it is etc .

....what happens if you temporarily substitute a different choke? You could eliminate this possibility by simply disconnecting the B+ lead, and adding a pi wound 1 or 2.5 mh RFC in series with the B+ lead. With a National R-100 (2.5 mh) both in series with and substituted for the REL choke, the rigs performance was unchanged.

First, one or possibly both of the fixed caps (grid leak and DC blocking cap, in the shunt fed plate ckt) may be defunct. I would suggest substitution, with known good modern units I did this, no change.

Lou – are you saying it oscillates or draws plate current with the key up? No. Key down only.

Try putting .002 bypass condensers from the filament terminals to ground and B+ to ground. I have not done this yet. Afraid that if I re-work things the rig will start looking a bit ropey. I'll rig up two new .002s with clips and give that a try, but wanting to keep the rig original I would not make a permanent addition.

Also try connecting the tuning condenser leads to the same points as the other leads connected to each end of the coil. Meaning to maximized the tank L. I have, no change.

You didn't mention if you tried different locations for the ground tap after the rebuild - I test taped one half of the windings in from the grid tap end with the third winding giving the lowest Ip. Unlike the Hull Hartley, this tap position does not seem to be all that critical.

I found that with the tank condenser rotor tap placed one turn in (shown below), the rig keys, oscillates and sounds fine. Although the cause of the above problem has not been determined, I consider this project finished and ready for December 6th. I have not giving 40 a serious go with this rig. I need to build up my nerve...

A week ago 7Sl got up a 2AM to make a SKED on 80. It may have been this 175s only QSO to date. Static crashes were awful, but the 175s signal got through.

With thanks again, Lou VE3AWA

It is, of course, necessary to shunt the tank condenser. The optimum position of the ground / centre / cathode tap (take ur pick) did not change. (See under coil photo...)

Awhile ago geo, VE3GZB and his wife, Yvonne spent a day with us. George brought along his new oscilloscope and analyzer. We were both surprised that the 175s signal was as good as it is.

80 Mtr. fundamental at far left.

9738. Finished REL 175 Transmitter Photos

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-08 23:17:19 UTC
From: Louis Vermond
Topic: 9738 Message: 9738
Attachments: 9 described; binary payloads are missing from this source WARC

Photos taken by my friend, Gary Austin.

Pre-1929 UX-210

The grid leak resister is 12K.

This was the top side.

9739. New TX- XTAL/Kelley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-09 14:45:16 UTC
From: Louis Vermond
Topic: 9739 Message: 9739

There is the Linc Cundall contest where crystal control is encouraged.

73, Lou

9740. Re: New TX- XTAL/Kelley... list of articles on xtal control, stable design projects

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-09 17:33:49 UTC
From: Poli, Louis (US SSA)
Topic: 9740 Message: 9740

Lou;
Thanks for the note on the Linc C. contest.

I was looking at projects (receivers) and I came upon this QST article.

For anyone interested in the old QST articles on theory and projects in xtal control of xmitters, and stable free run xmitter ckts; please go to the ARRL TIS pages and look up:

QST Issue: Feb 1930
Title: Notes on Radio Frequency Resistance of Inductances
Author: W.H.F. Griffiths

Yes, the title is correct.

This "Experimenters" section article gives a list of the most well liked reference articles published over the years in QST up to that time of 1930 (and in the other journals too) using xtal control, and circuits that were, state of art, in stable oscillators.

Included are articles in highly stable, non xtal controlled xmitter approaches as well.
See the last page for all the articles.

The list also notes the 1927 Piezo article by Crossley that had been mentioned by a list member.
However this may not be available to most, since it really was an article from the IRE; on page 9, Jan 1927.
The author was trying to be thorough.

Also included is a nice experimental data and theory article on what the resonant coils should be made of.
A good find, given all the discussion on the list about coils, stability, and the like.

Many vendors and amateurs felt for whatever their reasons, that a nice shiny coil had to work the best.
But depending upon the wire, or plating material chosen; the coil may actually become very very performance poor.

I recommend that all who wish to build the old xmitters; read it.

Within my long EE career, I wish I had come upon a penny on the sidewalk, for every time nature showed that it could care less for what we think should be the natural thing to do.

Regards,
Louis N3OL

9741. RE: [AWA Group] New TX- XTAL/Kelley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-09 19:02:01 UTC
From: Mike Feher
Topic: 9739 Message: 9741

That seems kind of ass backwards. In the OT contest I usually used a Meissner Signal Shifter for the transmitter, which was 1939 vintage, and frequency agile. So, in that contest people usually got on your frequency in reply to a CQ. In the 20's people would call on one frequency and then listen on the whole band for a reply. So, if someone was crystal controlled, they would have a nice stable signal to transmit with, and, he could tune around for replies. There would be no mutual chasing up and down the band. Kind of like Novices used to do with a limited number of crystals in the 50's and the 60'. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, July 09, 2014 10:45 AM
To: AWAGroup
Subject: [AWA Group] New TX- XTAL/Kelley

There is the Linc Cundall contest where crystal control is encouraged.

73, Lou

9742. New file uploaded to AWAGroup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-11 21:02:17 UTC
From: AWAGroup@yahoogroups.com
Topic: 114 Message: 9742

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the AWAGroup
group.

File : /Lou Poli N3OL/Vintage Tube Collection/1KW_Pliotron_Tetrode2_0410.JPG
Uploaded by : lcp2281 <louis.poli@...>
Description : Pliotron Class, 2KW High Pwr Tetrode, RCA 861,1930s

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/AWAGroup/files/Lou%20Poli%20N3OL/Vintage%20Tube%20Collection/1KW_Pliotron_Tetrode2_0410.JPG

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

lcp2281 <louis.poli@...>

9743. New file uploaded to AWAGroup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-11 21:15:45 UTC
From: AWAGroup@yahoogroups.com
Topic: 114 Message: 9743

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the AWAGroup
group.

File : /Lou Poli N3OL/Vintage Tube Collection/94GHz_ReflexKlystron1_0395.JPG
Uploaded by : lcp2281 <louis.poli@...>
Description : Millimeter Wave Klystron, Local Osc, 1960's, Pencil size Waveguide

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/AWAGroup/files/Lou%20Poli%20N3OL/Vintage%20Tube%20Collection/94GHz_ReflexKlystron1_0395.JPG

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

lcp2281 <louis.poli@...>

9744. RE: [AWA Group] New file uploaded to AWAGroup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-11 21:16:48 UTC
From: Mike Feher
Topic: 114 Message: 9744

Yep, nice big bottle. Still have a few in the garage. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, July 11, 2014 5:02 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] New file uploaded to AWAGroup

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the AWAGroup
group.

File : /Lou Poli N3OL/Vintage Tube Collection/1KW_Pliotron_Tetrode2_0410.JPG
Uploaded by : lcp2281 <louis.poli@...m>
Description : Pliotron Class, 2KW High Pwr Tetrode, RCA 861,1930s

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/AWAGroup/files/Lou%20Poli%20N3OL/Vintage%20Tube%20Collection/1KW_Pliotron_Tetrode2_0410.JPG

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content
<https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398>
&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

lcp2281 <louis.poli@baesystems.com>

9745. RE: [AWA Group] New file uploaded to AWAGroup..thanks

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-11 21:22:37 UTC
From: Poli, Louis (US SSA)
Topic: 9745 Message: 9745

Thanks Mike;
Uploading more now and need to take pictures of the others; it’s a big collection.

There are some which are made of uranium glass.
They glow under uV and register with the Geiger counter.
I have to take pictures of them in the dark.

Louis Poli N3OL

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, July 11, 2014 5:17 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] New file uploaded to AWAGroup

Yep, nice big bottle. Still have a few in the garage. 73 – Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

From: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
[mailto:AWAGroup@yahoogroups.com]
Sent: Friday, July 11, 2014 5:02 PM
To: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
Subject: [AWA Group] New file uploaded to AWAGroup

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the AWAGroup
group.

File : /Lou Poli N3OL/Vintage Tube Collection/1KW_Pliotron_Tetrode2_0410.JPG
Uploaded by : lcp2281 <louis.poli@baesystems.com<mailto:louis.poli@baesystems.com>>
Description : Pliotron Class, 2KW High Pwr Tetrode, RCA 861,1930s

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/AWAGroup/files/Lou%20Poli%20N3OL/Vintage%20Tube%20Collection/1KW_Pliotron_Tetrode2_0410.JPG

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

lcp2281 <louis.poli@baesystems.com<mailto:louis.poli@baesystems.com>>

9746. Wanted: Schematic for Elmac 6T2 Mobile Supply

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-13 23:38:02 UTC
From: Larry Szendrei
Topic: 9746 Message: 9746

Need a manual or schematic for a Multi-Elmac 6T2 mobile power suppy, if someone has one they can share with me. Google was -not- my friend when I tried to find one there.

I have one that someone had previously tinkered with and I need to make it right.

Thanks,
-Larry/NE1S

9747. Re: Wanted: Schematic for Elmac 6T2 Mobile Supply

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-13 23:47:10 UTC
From: Larry Szendrei
Topic: 9746 Message: 9747

Scratch the request below, folks. Looks like the actual number is 612.
which would make sense because I think it can run from 6V or 12V DC. The
tag on the back sure looked like "6T2" to my old eyes. I think I can
find it now!

-Larry/NE1S

On 7/13/2014 7:38 PM, Larry Szendrei wrote:
> Need a manual or schematic for a Multi-Elmac 6T2 mobile power suppy,
> if someone has one they can share with me. Google was -not- my friend
> when I tried to find one there.
>
> I have one that someone had previously tinkered with and I need to
> make it right.
>
> Thanks,
> -Larry/NE1S

9748. Fwd: [AWA Group] 861 Tubed Amplifier

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-14 14:50:06 UTC
From: Eddy Swynar
Topic: 9748 Message: 9748

Hi Jon,

Wow---I can't believe it's been almost a full year since I received your last update on the 2x861 amplifier...!

Is the project completed...? Operational...? Perhaps I somehow missed one of your latest entries on it, in which case I apologize...

~73~ de Eddy VE3CUI - VE3XZ

Begin forwarded message:

> From: "ab9zg@..." <ab9zg@...>
> Date: August 20, 2013 2:05:34 PM EDT
> To: AWAGroup@yahoogroups.com
> Subject: Re: [AWA Group] 861 Tubed Amplifier
> Reply-To: AWAGroup@yahoogroups.com
>
> Eddy,
>
> I plan to make the transmitter in the 1929 style. If I was making one in the modern style, I would use a 2000T!
>
> Since I live in the city, I plan is to use it on 80 through 20 meters. That is why I chose the 861 in the first place, because it was the only high powered tube available to the ham in 1929 that was specifically designed for the shortwave. Now if I lived in the country, I would put up a 160M antenna and use a pair of 851's and be done with it.
>
> I started the project 1.5 years ago and am no where near completion. At first I bread-boarded an amplifier, but my power supply wasn't up to the task, the double-spaced National DX plate tuning capacitor wanted to arc, and besides my dummy load was too small. So I wasn't able to get much data and scrapped it.
>
> I suspect that the 861 may not be that great as a class B amplifier. Judging by its characteristic curves, the 861 has rather substantial secondary emission effects, enough to hurt is efficiency. I believe that the 33% efficiency in class B shown in the data sheet is substantially too optimistic.
>
> Since I do not know how well the 861 will work in different types of service, I am building the power supply for the transmitter to be universal enough for a variety of different applications. It will put out 2500v, 3000v, or 3500v at up to 1A.
>
> The following configurations will be tried in this order and I will use the first one that gives reasonable performance:
>
> 1. Class C push-pull screen modulation. This one is best since it should give slightly

higher efficiency than a class B linear, it requires no regulation of screen and grid supply, and is easy to switch to CW operation. It is also believed to be 1929-compatible.
>
> 2. Class B push-pull linear amplifier.
>
> 3. Class C P-P 861's with class B P-P 849's as plate modulators. This method would give enormous power but was not invented until 1931. A 700w modulation transformer would have to be wound. Heising modulating class C 861's was also considered, but was rejected due to the enormous amount of heat that would be released.
>
> 4. Class B linear using 849's instead of 861's. I bought a pair of 849's to use as backup in case my 861's are bad.
>
> Here is the tentative schematic for the screen modulated prototype I'm currently building:
> Here is what the prototype looks like so far:
>
> The tubes, along with a huge 1929 Cardwell split-stator condenser rated at 7500 volts per section
> Another picture of the Cardwell. That is a 1.5" shaft to which the plates are attached.
>
>
>

9749. 2x861 Amplifier

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-14 16:26:54 UTC
From: Eddy Swynar
Topic: 9749 Message: 9749

Hi Louis,

First-off, please don't credit ME with that superlative craftsmanship---thank Jon (AB09ZG) for that! It's all his, & his alone...

Several years ago I tried---unsuccessfully---to get my mitts on a good, working 861, and the project saw a glint of promise---a glint about as bright as the filament in the tube that was oh-so-generously sent to me by John Rollins (W1FPZ), just minutes before the thing expired in a wisp of white smoke inside the tube envelope...! I have never found a reasonably-placed replacement, either, so I gave-up on the project...

I CAN answer some of your questions (below), and I shall high-light my responses in red, for your convenience...

Thanks for the note from a kindred soul, though, Louis...

~73!~ de Eddy VE3CUI - VE3XZ

On 2014-07-14, at 12:06 PM, Poli, Louis (US SSA) wrote:

> Eddy;
>
> Question for you.
> I was thinking of using the 861 in a single ended transmitter, but I would like to restrict the xmitter circuits to utilize designs from before 1930.
>
> What published proof can we obtain that notes that the 861, and the smaller type 860, were available before 1930?

ANSWER: Check in any 1929 issues of QST magazine, Louis---I think you'll find several introductory pieces therein written about both tubes. Practical articles on the 860 appeared in plenty in post 1929 QSTs---there was a piece on the 861 in a 1929 copy, though (can't recall the month now).

>
> Also, the classical high power, B+ supply in the schematic is a real beast, and I have been contemplating building the same one using the 8008; and as you know, an equivalent of the 872.
> I do not know, beyond theory, how to handle the possible issue of RF noise generated by the rectifiers.

ANSWER: If memory serves me well, Louis, one can build simple parasitic suppressors for those big jug rectifiers, mounting them right at plate caps, much as you would a QRO RF amplifier tube. Check the 1930's / 1940's ARRL HANDBOOK for practical examples.

>
> I have done a good deal of reading on the subject of noise generated by Mercury vapor rectifiers.

> See the attached obscure article “filter kinks”, where the writer places a .0003 uF capacitor (no choke) to quench the radio noise.
>
> Chokes are mentioned in all the RCA, etc., vendors’ tube manuals when discussing 872, 866 and related, as a matter of course.
> But no designs/values are ever given.
>
> Have you approached this issue?
> If so, what is your circuit solution for each tube.

ANSWER: my first 4x811A linear used 866A's in the p.s. circuit, and as I recall, they generated a LOT of "hash"---so for that reason (and others), I simply replaced these jugs with strings of silicone diodes (alright-alright---I cheated some! But it worked A-OK for me, I was after results at the time, not "ambiance"...! Hi Hi

>
> Thanks again.
> Very nice work.
>
> Regards,
> Louis Poli N3OL
> <FilterKink,ShortMercVapNoiseQST_Oct_1931_p37-38.pdf>

9750. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-15 19:31:06 UTC
From: Louis Vermond
Topic: 130 Message: 9750

http://www.ebay.com/itm/OLD-VINTAGE-GREBE-MODEL-CR-18-SHORTWAVE-RECEIVER-NO-COILS/191242426164?_trksid=p2045573.c100034.m2102&_trkparms=aid%3D555012%26algo%3DPW.MBE%26ao%3D1%26asc%3D23375%26meid%3D8338412451264180240%26pid%3D100034%26prg%3D10031%26rk%3D2%26rkt%3D8%26sd%3D311006249132

9751. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-15 19:36:35 UTC
From: Steve
Topic: 130 Message: 9751

Looks like there is enough there to do a bang-up restoration.

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

9752. TNT Band-spread at VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-15 20:30:33 UTC
From: Louis Vermond
Topic: 9752 Message: 9752
Attachments: 3 described; binary payloads are missing from this source WARC

Hello,

I've wanted to add a permanent band-spread condenser to my TNT for a very long time. With the help of Jon, AB9ZB and his lathe I have just finished installing one.
Thank you again, Jon.

I assume that this is a BC set neutralizing condenser. Anyone know its maker?
3/8" dia. hardrubber rod. Shaft dia. 3/16".

With the tank condenser tuned to 3565 and the spreader at mid setting, the Kelley window is just covered.
Hand-effect (and shock hazard) is nil...

1-10 mmfd. / 2/16" CU tubing

9753. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-15 20:34:25 UTC
From: Louis Vermond
Topic: 130 Message: 9753

GL Steve...
----- Original Message -----
From: 'Steve' ve7sl@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-07-15 3:36 PM
Subject: Re: [AWA Group] eBay Alert

Looks like there is enough there to do a bang-up restoration.

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

Yahoo Groups Links

9754. Re: [AWA Group] TNT Band-spread at VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-15 20:37:38 UTC
From: N1BUG
Topic: 9752 Message: 9754

Looks great, Lou! Now please tell us... what is the tuning range
with your new band-spread condenser?

73,
Paul a.k.a. Bugsy

9755. Fw: [AWA Group] TNT Band-spread at VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-15 22:05:33 UTC
From: Louis Vermond
Topic: 9755 Message: 9755

Looks great, Lou! Now please tell us... what is the tuning range with your new band-spread condenser?

Hello Paul,

Tks... 73, Lou

3582 --- 3565kc. ---3546

9756. RE: [AWA Group] TNT Band-spread at VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-15 22:39:54 UTC
From: Steve Flood
Topic: 9752 Message: 9756
Attachments: 1 described; binary payloads are missing from this source WARC

Anyone know its maker?

It looks very much like the one on my MOPA, which says "MARCO". I ended up
just using one rotor and stator plate each, and functions more like a XIT
with a range of only a few kc on 80m.

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

9757. Fw: [AWA Group] TNT Band-spread at VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-15 22:52:18 UTC
From: Louis Vermond
Topic: 9755 Message: 9757
Attachments: 1 described; binary payloads are missing from this source WARC

Hi YS,

Yes, the same and tks for the makers name.

Anyone know its maker?

Wonderfully mechanical...FB OM.

9758. FYI TNT Tank & Grid Coil L Values at VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-18 19:12:27 UTC
From: Louis Vermond
Topic: 9758 Message: 9758

Antenna Coil: 1.9 uH

40 Mtrs:

Grid - 22.4 uH
Tank - 1.4

80:

Grid - 61.8
Tank - 4.32

160:

Grid - 212.5
Tank - 16.5

73, Lou

9759. eBay Alert 1960s(?) Vintage Homebrew CW Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-18 19:17:04 UTC
From: Louis Vermond
Topic: 9759 Message: 9759

http://www.ebay.com/itm/Vintage-Homebrew-CW-Transmitter-Tube-QRP-Amateur-Ham-Radio-QST-Tech-Special-/251591782369?ssPageName=ADME:B:SS:US:1123

9760. REL 215 three stage rig Osc. Ckt.s

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-18 20:02:42 UTC
From: Louis Vermond
Topic: 9760 Message: 9760
Attachments: 2 described; binary payloads are missing from this source WARC

Below are two oscillator circuits for the REL 215 three stage rig.

The orignal Hartley circuit. Note the fixed capacitor (200 mmfd. Sangamo) across C1 making this a Hi(ish)-C ckt.
See ckt. below this...

Same rig, but with a later, revised oscillator circuit. Note grid coil L5, that the tank coil is not tapped and the C1 padder has been removed.
From the catalogue, "This addition [L5] results in a more efficient combination, that is, greater output for the same input."

Does anyone recognize this type of osc.? Any suggestions as to what the L5 inductance would be? Same as tank?
Tks, Lou

9761. Re: [AWA Group] REL 215 three stage rig Osc. Ckt.s

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-18 20:10:10 UTC
From: Steve Flood
Topic: 9760 Message: 9761
Attachments: 2 described; binary payloads are missing from this source WARC

Our oh-so-familiar TNT.?

"Louis Vermond ldvermond@sympatico.ca [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

>
>
>Below are two oscillator circuits for the REL 215 three stage rig.
>
>
>
>The orignal Hartley circuit. Note the fixed capacitor (200 mmfd. Sangamo) across C1 making this a Hi(ish)-C ckt.
>
>See ckt. below this...
>
>
>
>OBJ
>
>
>
>Same rig, but with a later, revised oscillator circuit. Note grid coil L5, that the tank coil is not tapped and the C1 padder has been removed.
>
>From the catalogue, "This addition [L5] results in a more efficient combination, that is, greater output for the same input."
>
>
>
>Does anyone recognize this type of osc.? Any suggestions as to what the L5 inductance would be? Same as tank?
>
>Tks, Lou
>
>
>
>
>
>OBJ
>
>
>
><!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a; font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads { margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc { font-family: Arial; } #ygrp-sponsor

#ygrp-lc #hd { margin: 10px 0px; font-weight: 700; font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px; padding: 0 0; } #actions { font-family: Verdana; font-size: 11px; padding: 10px 0; } #activity { background-color: #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding: 10px; } #activity span { font-weight: 700; } #activity span:first-child { text-transform: uppercase; } #activity span a { color: #5085b6; text-decoration: none; } #activity span span { color: #ff7900; } #activity span .underline { text-decoration: underline; } .attach { clear: both; display: table; font-family: Arial; font-size: 12px; padding: 10px 0; width: 400px; } .attach div a { text-decoration: none; } .attach img { border: none; padding-right: 5px; } .attach label { display: block; margin-bottom: 5px; } .attach label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; } .bold { font-family: Arial; font-size: 13px; font-weight: 700; } .bold a { text-decoration: none; } dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right: 10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right: 0; } div.attach-table div div a { text-decoration: none; } div.attach-table { width: 400px; } div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana; font-size: 10px; font-weight: normal; } .green { color: #628c2a; } .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos div { float: left; width: 72px; } #photos div div { border: 1px solid #666666; height: 62px; overflow: hidden; width: 62px; } #photos div label { color: #666666; font-size: 10px; overflow: hidden; text-align: center; white-space: nowrap; width: 64px; } #reco-category { font-size: 77%; } #reco-desc { font-size: 77%; } .replbq { margin: 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid #000;*/ margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg { font-size: 13px; font-family: Arial, helvetica,clean, sans-serif; *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size: inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99% Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code { font:115% monospace; *font-size:100%; } #ygrp-mlmsg * { line-height: 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a { font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li { font-size: 77%; list-style-type: square; padding: 6px 0; } #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text { font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right: none !important; } -->

9762. REL 215 three stage rig Osc. Ckt.s

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-18 20:53:41 UTC
From: Louis Vermond
Topic: 9760 Message: 9762
Attachments: 2 described; binary payloads are missing from this source WARC

Our oh-so-familiar TNT?

9763. Re: [AWA Group] eBay Alert 1960s(?) Vintage Homebrew CW Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-18 21:14:28 UTC
From: Paul Christensen
Topic: 9759 Message: 9763

This is nearly an exact replica of the 30-watt novice transmitter that appeared in the ARRL Handbook from the late '50s through the mid '60s. Mine was built in 1970 when I was in the 7th grade and uses a 6DQ6A, 5U4, and OD3. The 6DQ6 serves as both a modified Pierce oscillator and power amp. Probably 80% of my parts were cannibalized from a 1950s Philco B&W TV set. I also built a matching Monimatch SWR indicator but that's been lost for many years.

Paul, W9AC

----- Original Message -----
From: Louis Vermond ldvermond@... [AWAGroup]
To: AWAGroup
Sent: Friday, July 18, 2014 3:17 PM
Subject: [AWA Group] eBay Alert 1960s(?) Vintage Homebrew CW Transmitter

http://www.ebay.com/itm/Vintage-Homebrew-CW-Transmitter-Tube-QRP-Amateur-Ham-Radio-QST-Tech-Special-/251591782369?ssPageName=ADME:B:SS:US:1123

9764. How Our Tube Circuits Work, March 1927

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-18 23:55:24 UTC
From: Louis Vermond
Topic: 9764 Message: 9764
Attachments: 4 described; binary payloads are missing from this source WARC

GE,

Last night I came across this 6+ page article I'd not read before. Half of the piece deals with oscillators and is very informative. Even in '27 there has talk of Hi-C.

If anyone were would like to read the article, yet does not have access to it in any form I would be happy to scan it and up-load to the Groups files.

Below is a small portion of that article. To the "Pure D.C." Hounds here, please read closely sl .

73, Lou
VE3AWA

9765. RE: [AWA Group] How Our Tube Circuits Work, March 1927

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-19 00:55:39 UTC
From: Mike Feher
Topic: 9764 Message: 9765
Attachments: 1 described; binary payloads are missing from this source WARC

Some of you OTs out there might remember Art Goodnow, W1DM (SK). Art was a great guy and a good friend. He was also a master at building OT rigs. His pre 1929 transmitters all sounded as if they were crystal controlled, and were extremely stable. Beautiful breadboard construction. He was also a great and smart engineer. He wrote an article in one of the early AWA Reviews, on spark, It was extremely thorough, and I used it extensively when I built my first high power spark transmitters. I also used on of Charles P. Steinmetz's books on HF AC currents. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, July 18, 2014 7:55 PM
To: AWAGroup
Subject: [AWA Group] How Our Tube Circuits Work, March 1927

GE,

Last night I came across this 6+ page article I'd not read before. Half of the piece deals with oscillators and is very informative. Even in '27 there has talk of Hi-C.

If anyone were would like to read the article, yet does not have access to it in any form I would be happy to scan it and up-load to the Groups files.

Below is a small portion of that article. To the "Pure D.C." Hounds here, please read closely sl .

73, Lou

VE3AWA

9766. Re: [AWA Group] How Our Tube Circuits Work, March 1927

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-19 03:58:54 UTC
From: Robert S Jenkins
Topic: 9764 Message: 9766

Lou,

I would very muchlike to read this article.

Tnx,

Robert
KG4KGL

On Fri, 18 Jul 2014 19:55:24 -0400
"Louis Vermond ldvermond@... [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:

> GE,
>
>
>
> Last night I came across this 6+ page article I'd not read before.
> Half of the piece deals with oscillators and is very informative.
> Even in '27 there has talk of Hi-C.
>
> If anyone were would like to read the article, yet does not have
> access to it in any form I would be happy to scan it and up-load to
> the Groups files.
>
> Below is a small portion of that article. To the "Pure D.C." Hounds
> here, please read closely sl .
>
> 73, Lou
> VE3AWA
>
>
>
>
>

9767. RE: [AWA Group] FYI TNT Tank & Grid Coil L Values at VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-19 11:55:27 UTC
From: Steve Flood
Topic: 9758 Message: 9767

40: 22.4 uH

80: 61.8 uH

160: 212.5 uH

Well, I failed to find a relationship between these inductances (and their reactances) with their respective frequencies of operation that would allow one to extrapolate to 472kHz.

Anyone else?

- Steve

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

9768. RE: [AWA Group] FYI TNT Tank & Grid Coil L Values at VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-19 13:41:16 UTC
From: Mike Feher
Topic: 9758 Message: 9768

Steve -

What is the significance of 472 KHz here? I do not get it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, July 19, 2014 7:55 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] FYI TNT Tank & Grid Coil L Values at VE3AWA

40: 22.4 uH

80: 61.8 uH

160: 212.5 uH

Well, I failed to find a relationship between these inductances (and their reactances) with their respective frequencies of operation that would allow one to extrapolate to 472kHz.

Anyone else?

- Steve

<http://www.avast.com/>

This email is free from viruses and malware because avast! Antivirus <http://www.avast.com/> protection is active.

9769. What is the significance of 472 KHz here? I do not get it. 73 – Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-19 13:47:25 UTC
From: Louis Vermond
Topic: 9769 Message: 9769

No significance. Steve and I were discussing 630 off Group. He's gotten a bit too much sun recently I guess.

GM, Lou

9770. How Our Tube Circuits Work, March 1927 ... KG4KGL

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-19 14:00:34 UTC
From: Louis Vermond
Topic: 9770 Message: 9770

GM Robert,

I'll scan the article today. Will let you know when it is available in Files.

73, Lou

Lou,

I would very muchlike to read this article.

Tnx,

Robert
KG4KGL

9771. Fw: New file uploaded to AWAGroup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-19 18:45:01 UTC
From: Louis Vermond
Topic: 9771 Message: 9771

Disregard these... Group file's lost it's mind.

----- Original Message -----
From: Yahoo Groups Notification
To: AWAGroup-owner@yahoogroups.com
Sent: 2014-07-19 2:40 PM
Subject: New file uploaded to AWAGroup

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of your AWAGroup
group.

File : /QSTs - "How Our Tube Circuits Work" Series by Robert S. Kruse/How Our Tube Circuits Work No. 1 QST Dec., '26 Pg 9.jpg
Uploaded by : louisvermond <ldvermond@...>
Description : Hartley

You can access the file at the URL:
https://groups.yahoo.com/neo/groups/AWAGroup/files/QSTs%20-%20%22How%20Our%20Tube%20Circuits%20Work%22%20Series%20by%20Robert%20S.%20Kruse/How%20Our%20Tube%20Circuits%20Work%20No.%201%20QST%20Dec.%2C%20%2726%20Pg%209.jpg

Your group is currently configured to send you email
notification whenever a member uploads a file. To turn off
notification, visit:
https://groups.yahoo.com/neo/groups/AWAGroup/management/membership

Thank you for choosing Yahoo Groups as your email group
service for the AWAGroup group.

Regards,

Yahoo Groups Customer Care

Your use of Yahoo Groups is subject to http://info.yahoo.com/legal/us/yahoo/utos/terms/

9772. AWA File Up-loads ...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-19 20:03:27 UTC
From: Louis Vermond
Topic: 9772 Message: 9772

Well, that won't do. I choose not to notify members of a file addition, but it obviously ignores my wishes.

Anyone else have this problem?

9773. Crosley model. 51

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-27 20:53:37 UTC
From: Robert S Jenkins
Topic: 9759 Message: 9773

How much is this radio worth?

Tnx

Robert
KG4KGL
>
>
>

9774. eBay Alerts

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-28 17:58:27 UTC
From: Louis Vermond
Topic: 9774 Message: 9774

http://www.ebay.com/itm/1955-CW-TRANSMITTER-KIT-BUILT-NICE-/161379058417?pt=US_Ham_Radio_Transmitters&hash=item2592f102f1

http://www.ebay.com/itm/Large-Copper-Ham-Transmitter-Coil-9-3-4-X-10-/221506066976?pt=US_Ham_Radio_Receivers&hash=item3392ca5a20

http://www.ebay.com/itm/Heathkit-AT-1-transmitter-and-Heathkit-VF-1-VFO-/271558682756?pt=US_Ham_Radio_Transmitters&hash=item3f3a28a884

9775. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-29 13:53:12 UTC
From: Louis Vermond
Topic: 130 Message: 9775

http://www.ebay.com/itm/variable-condensor-cardwell-large-5-inchx-4-inch-ks-6029-/271561446029?ssPageName=ADME:B:SS:US:1123

9776. Journal

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-07-31 21:48:29 UTC
From: Leonard Meek
Topic: 3957 Message: 9776

Journal arrived today, in good shape, out here on the frontier.

9777. FGI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-02 12:07:42 UTC
From: Louis Vermond
Topic: 9777 Message: 9777

http://theradioboard.com/best-of-the-best/ab8if-projects.htm

9778. RE: [AWA Group] FGI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-02 12:10:48 UTC
From: Mike Feher
Topic: 9777 Message: 9778

Very nice. However, why go through all that and then add a digital display?
73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, August 02, 2014 8:08 AM
To: AWAGroup
Subject: [AWA Group] FGI

http://theradioboard.com/best-of-the-best/ab8if-projects.htm

9779. FYI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-05 00:35:40 UTC
From: Louis Vermond
Topic: 3020 Message: 9779

http://www.nt9k.com/sounds/morse505.swf

9780. Re: [AWA Group] FYI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-05 17:12:14 UTC
From: Louis Vermond
Topic: 3020 Message: 9780
Attachments: 1 described; binary payloads are missing from this source WARC

Posts of only a link may be an automatically sent virus or Trojan Horse. Can you tell us more about this is before we open it?

Niel,

Thank you.

From this site under, "About Me". 73, Lou

http://www.nt9k.com

9781. SDR ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-07 19:08:35 UTC
From: barry whittemore
Topic: 9781 Message: 9781

I know this might be unusual, but i am having an idea of using an SDR RX for my RX for 2014 Bruce Kelly contest.

I have one of the RTL dongle RX units and am trying out the Ham it up upconverter.

Has anyone here tried this approach? I thought it would be fun to use a TX and RX just about as far apart as possible in technology. In the past 2 i have used modern solid state rx.

Thanks

Barry

NF1O

9782. Re: [AWA Group] SDR ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-07 20:03:39 UTC
From: Larry Szendrei
Topic: 9781 Message: 9782

Hi Barry,

On 8/7/14 3:08 PM, barry whittemore wb1edi@... [AWAGroup] wrote:
>
> I know this might be unusual, but i am having an idea of using an SDR
> RX for my RX for 2014 Bruce Kelly contest.
Wow! Talk about technological extremes! Go for it!
> I have one of the RTL dongle RX units and am trying out the Ham it up
> upconverter.
> Has anyone here tried this approach? I thought it would be fun to use
> a TX and RX just about as far apart as possible in technology. In the
> past 2 i have used modern solid state rx.
I haven't played with the dongles (please, no obvious comments. Lou,
that means you! ;-)), but I do have a SoftRock Lite II running off the
1st IF can of my Halli SX-28. The Halli is the front end and the SDR is
the backend. Works great, but the SX-28 still drifts :-(

I don't use it in the Kelley, tho. The SX-28/SDR/computer are upstairs,
and the 1929 station is in the cellar.

73,
-Larry/NE1S

9783. Re: [AWA Group] SDR ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-07 20:12:21 UTC
From: Carl Nord WA1KPD
Topic: 9781 Message: 9783

Barry,
I believe that as long as the following conditions are met you are fine:

The SDR uses a series of 01As as the CPU and for any related logic pieces.
All other functions, resistors, caps etc are 29 vintage
The screen is a series of O1As for pixels.However you can either toggle the filament or drive the plates into red.
The keyboard uses a typewritter with period telegraph keys as switches.

It should be an interesting, but somewhat large and possibly expensive project....

----- Original Message -----From: Larry Szendrei ne1s@... [AWAGroup] <AWAGroup@yahoogroups.com>To: AWAGroup@yahoogroups.comSent: Thu, 07 Aug 2014 20:03:39 -0000 (UTC)Subject: Re: [AWA Group] SDR ?

Hi Barry,

On 8/7/14 3:08 PM, barry whittemore wb1edi@... [AWAGroup] wrote:

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I don't use it in the Kelley, tho. The SX-28/SDR/computer are upstairs, and the 1929 station is in the cellar.

73,

-Larry/NE1S

9784. Re: [AWA Group] SDR ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-08 03:12:02 UTC
From: Niel - W0VLZ
Topic: 9781 Message: 9784

Last year I paired my PP 45s TNT with a KX3. See
http://w0vlz.blogspot.com/2013/12/1929-bk-qso-party_20.html . Helped to
cut through the local QRN.

Niel - W0VLZ

barry whittemore wb1edi@... [AWAGroup] wrote:
>
> I know this might be unusual, but i am having an idea of using an SDR
> RX for my RX for 2014 Bruce Kelly contest.
> I have one of the RTL dongle RX units and am trying out the Ham it up
> upconverter.
> Has anyone here tried this approach? I thought it would be fun to use
> a TX and RX just about as far apart as possible in technology. In the
> past 2 i have used modern solid state rx.
>
> Thanks
> Barry
> NF1O
>

9785. RE: [AWA Group] SDR ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-08 12:00:18 UTC
From: barry whittemore
Topic: 9781 Message: 9785

Now that would take some time to build (and big air conditioners to cool)

thanks for the coments.

73

Barry

NF1O

To: AWAGroup@yahoogroups.com
CC: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Thu, 7 Aug 2014 20:12:21 +0000
Subject: Re: [AWA Group] SDR ?

Barry,
I believe that as long as the following conditions are met you are fine:

The SDR uses a series of 01As as the CPU and for any related logic pieces.
All other functions, resistors, caps etc are 29 vintage
The screen is a series of O1As for pixels.However you can either toggle the filament or drive the plates into red.
The keyboard uses a typewritter with period telegraph keys as switches.
It should be an interesting, but somewhat large and possibly expensive project....

----- Original Message -----
From: Larry Szendrei ne1s@... [AWAGroup] <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Thu, 07 Aug 2014 20:03:39 -0000 (UTC)
Subject: Re: [AWA Group] SDR ?

Hi Barry,

On 8/7/14 3:08 PM, barry whittemore wb1edi@hotmail.com [AWAGroup]
wrote:

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an idea of using an SDR RX for my RX for 2014 Bruce Kelly
contest.

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in technology. In the past 2 i have used modern solid
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the 1st IF can of my Halli SX-28. The Halli is the front end and the
SDR is the backend. Works great, but the SX-28 still drifts :-(

I don't use it in the Kelley, tho. The SX-28/SDR/computer are
upstairs, and the 1929 station is in the cellar.

73,

-Larry/NE1S

9786. Good Leads Wanted!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-08 12:19:13 UTC
From: Eddy Swynar
Topic: 9786 Message: 9786

Good Day All,

I have a friend who is just on the verge of seriously tackling a serious vacuum tube regenerative receiver project, but is presently looking for any & all good literature surrounding the genre...

To that end, he has accumulated vintage West Coast & ARRL Handbooks, & various QST articles---but I recommended that first & foremost, he should get his hands on a copy of the book, "SECRETS OF HOMEBUILT REGENERATIVE RECEIVERS" by C.F. Rockey. Unfortunately, the publisher of this book---Lindsay Publications---is no more.

Does anyone out there reading this have a copy that they wouldn't ming parting with...? That, or is anyone aware if this very fine publication might be available somewhere on-liine, for free downloading...?

Any & all leads are appreciated---thank-you!

~73~ de Eddy VE3CUI - VE3XZ

9787. Re: [AWA Group] Good Leads Wanted!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-08 12:28:23 UTC
From: Roger Kuchera
Topic: 9786 Message: 9787

I would recommend reading Millen's QST article on the development of the SW-3 (circa 1931 ?) for
background information.

CUL, Roger/K1TG

On Friday, August 8, 2014 8:19 AM, "Eddy Swynar deswynar@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Good Day All,

I have a friend who is just on the verge of seriously tackling a serious vacuum tube regenerative receiver project, but is presently looking for any & all good literature surrounding the genre...

To that end, he has accumulated vintage West Coast & ARRL Handbooks, & various QSTarticles---but I recommended that first & foremost, he should get his hands on a copy of the book, "SECRETS OF HOMEBUILT REGENERATIVE RECEIVERS" by C.F. Rockey. Unfortunately, the publisher of this book---Lindsay Publications---is no more.

Does anyone out there reading this have a copy that they wouldn't ming parting with...? That, or is anyone aware if this very fine publication might be available somewhere on-liine, for free downloading...?

Any & all leads are appreciated---thank-you!

~73~ de Eddy VE3CUI - VE3XZ

9788. Re: [AWA Group] Good Leads Wanted!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-08 14:03:54 UTC
From: Louis Vermond
Topic: 9786 Message: 9788

http://www.bookfinder.com/search/?ac=sl&st=sl&ref=bf_s2_a1_t1_1&qi=BtUqaWnltIcuHKsXyRI8lQRbpoo_1407506546_1:391:1490&bq=author%3Dc%2520f%2520rockey%26title%3Dsecrets%2520of%2520homebuilt%2520regenerative%2520receivers

9789. Re: [AWA Group] Good Leads Wanted!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-08 15:54:25 UTC
From: Robert S Jenkins
Topic: 9786 Message: 9789

Link is tango uniform.

Robert
KG4KGL

I feel sorry for people who do not drink, because when they wake up, that is as good as they are going to feel all day. -Frank Sinatra

> On Aug 8, 2014, at 10:03, "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:
>
> http://www.bookfinder.com/search/?ac=sl&st=sl&ref=bf_s2_a1_t1_1&qi=BtUqaWnltIcuHKsXyRI8lQRbpoo_1407506546_1:391:1490&bq=author%3Dc%2520f%2520rockey%26title%3Dsecrets%2520of%2520homebuilt%2520regenerative%2520receivers
>

9790. New file uploaded to AWAGroup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-09 15:15:11 UTC
From: AWAGroup@yahoogroups.com
Topic: 114 Message: 9790

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the AWAGroup
group.

File : /SW Craft Jul 1936.pdf
Uploaded by : bbc39668 <bbc39668@...>
Description : Short Wave Craft July 1936 Featuring 804 Transmitter Article

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/AWAGroup/files/SW%20Craft%20Jul%201936.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

bbc39668 <bbc39668@...>

9791. Re: [AWA Group] New file uploaded to AWAGroup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-09 15:42:40 UTC
From: Steve
Topic: 114 Message: 9791

Is it really necessary to upload the entire magazine just for one article of interest?

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

9792. New file uploaded to AWAGroup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-09 16:22:59 UTC
From: AWAGroup@yahoogroups.com
Topic: 114 Message: 9792

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the AWAGroup
group.

File : /804 Power Oscillator.pdf
Uploaded by : k4oah <k4oah@...>
Description : This is the SW Craft article ONLY.

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/AWAGroup/files/804%20Power%20Oscillator.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

k4oah <k4oah@...>

9793. Re: [AWA Group] New file uploaded to AWAGroup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-09 16:48:02 UTC
From: Garey Barrell
Topic: 114 Message: 9793

Steve -

Better that than not at all.....

See article only in FILES, '804 Power Oscillator.pdf'

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

'Steve' ve7sl@... [AWAGroup] wrote:
> Is it really necessary to upload the entire magazine just for one article of
> interest?
>
>
> Steve
>
>

9794. SI mag

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-09 17:20:45 UTC
From: Michael A. Bittner
Topic: 9794 Message: 9794

Hello,

Antique radio enthusiasts may be interested in an article in this week's (Aug 11 2014) issue of Sports Illustrated magazine. It is their 60th Anniversary Issue. On page 58 is an article that begins with the day Major Armstrong died and then briefly chronicles the evolution of sports broadcasting from Armstrong's invention of FM, through the beginnings of TV, to today's multi-media. Among other things are mentioned Armstrong's legal battle with RCA, and his tower in Alpine, New Jersey and the Regency TR-1 transistor radio. I well remember Armstrong's tower as it was clearly visible form my former home town of Rdgewood, NJ.

Mike, W6MAB
-

9795. RE: [AWA Group] Good Leads Wanted!.. are are leads and recommended texts

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-11 17:48:43 UTC
From: Poli, Louis (US SSA)
Topic: 9795 Message: 9795

Roger;

The below is my personal opinion of course, and candid.

I would not recommend this specific Lindsey publication as more than typical, and so to not spend appreciable time finding it.
Some time ago I spoke to the site owner, over the various texts offered, in my area of interest.
In the end, my opinion was that of the above.

It is the typical approach you see everywhere.
Spoon fed for beginners, yes, but the huge number of circuits, also very beginner, to expert level projects, can be easily found on the web and in the old books.

Start by looking up the excellent Dave Schmarder site.
Everything is there from crystal to tube designs, and a lot else for that matter.
He is a member of the “Radio Board” Forum/group.
These people range from bare beginners to engineers, and the Projects, articles/circuits, and Forum questions are a resource.

Now, Books/Journals to concentrate on, are the QSTs of 1935 onward, and the Handbooks of 1946 onward to 1965.
A descent number of articles are available on the TIS resource, for members, at the ARRL site.

More difficult to get, but I must say, perhaps even better than the ARRL handbooks are the “Editors and Engineers Radio Handbooks” (they evolved into the Orr handbooks in the late 1950s).
Now I find these more technical, less beginner oriented, but in return they describe clever regen (and others) powerful receiver circuits. Although Schmarder has very clever stuff.

Now the Lindsey series books “The impoverished Radio Experimenter Volumes 1 – 6, are a good find; with these volumes describing xtal receivers, then advanced crystal receivers, to regen receivers, to three pentagrid converter receivers (the backbone of the AM and FM receivers sold for decades, and I put the three different designs described on a single 15 by 8 inch board).

Then there is his three tube superhet (might be volume 4 ?), which is built from grass roots upward (in fact it gives grass roots a new meaning), including making IF coils out of aluminum foil. They are about 8 inches high and 6 inches across, built of cardboard and foil with holes inside so that the two 6 inch long IF coils can physically see each other),

A great education, since if you choose, you can make everything except the tubes, and crystal detectors.

For those interested, you can make the crystal detectors too (see htt p: // theradioboard.com /rb/viewtopic.php?f =2&t=5700.)
I inserted the spaces to get it through the firewall.
This aerospace firm' firewall, is a hardliner.

Lastly, you should still be able to find most of the very unusual books of the original Lindsey site.
When the Lindsey site owner retired, and the site ended; the rights were moved to a different site under new management, so most of the weird stuff is still available.

Regards,
Louis N3OL

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, August 08, 2014 8:28 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Good Leads Wanted!

I would recommend reading Millen's QST article on the development of the SW-3 (circa 1931 ?) for
background information.

CUL, Roger/K1TG

On Friday, August 8, 2014 8:19 AM, "Eddy Swynar deswynar@xplornet.ca<mailto:deswynar@xplornet.ca> [AWAGroup]" <AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>> wrote:

Good Day All,

I have a friend who is just on the verge of seriously tackling a serious vacuum tube regenerative receiver project, but is presently looking for any & all good literature surrounding the genre...

To that end, he has accumulated vintage West Coast & ARRL Handbooks, & various QST articles---but I recommended that first & foremost, he should get his hands on a copy of the book, "SECRETS OF HOMEBUILT REGENERATIVE RECEIVERS" by C.F. Rockey. Unfortunately, the publisher of this book---Lindsay Publications---is no more.

Does anyone out there reading this have a copy that they wouldn't ming parting with...? That, or is anyone aware if this very fine publication might be available somewhere on-liine, for free downloading...?

Any & all leads are appreciated---thank-you!

~73~ de Eddy VE3CUI - VE3XZ

9796. Info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-17 03:28:02 UTC
From: Roger Kuchera
Topic: 9796 Message: 9796

Gentlemen,
     I am in need of a schematic for a BC-453-B. All I have found thus far are for BC-453 or BC-453-A.
I hope to restore the unit and begin an effort to get on 630 meters.

     As always, your input is appreciated. Thank you, in advance.

CUL, Roger/K1TG

9797. Re: Info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-17 16:05:33 UTC
From: Kevin Carey
Topic: 9796 Message: 9797

Hello Roger,

If you will contact me off-list, I may have some information to assist you (wb2qmy@...). I believe the differences between the A and B models are extremely minor, and mainly involve differences in the audio output connections (for high impedance vs. low).

73,

--Kevin

Kevin Carey
www.thespectrummonitor.com

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

9798. National PW Dial Patent?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-19 00:19:01 UTC
From: JAMES HANLON
Topic: 9798 Message: 9798

Y'all,

For an article that I'm writing for Electric Radio Magazine, I'm trying to find out if there was ever a patent on the National PW dial used on the HRO receiver. On the James Millen Society web site at
http://www.isquare.com/millen/bio_rem/merrill.html
there is an article with a picture that includes “original letters to and from Millen and Clarence D. Tuska relating to the patent on the famous National PW dial drive assembly, often refered to as the HRO dial.” The person who assembled the items in the picture is Merrill W. Bancroft. It was his display at the 2001 AWA Conference in Rochester, NY.

I'd appreciate any information on the subject that anyone might be able to supply, including any leads to Mr. Bancroft if he is still with us and any ideas about the patent on the PW Dial drive.

Thanks very much,

Jim Hanlon, W8KGI

9799. RE: [AWA Group] National PW Dial Patent?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-19 00:53:40 UTC
From: Steve Flood
Topic: 9798 Message: 9799

any ideas about the patent on the PW Dial drive.

I had this in my bookmarks Jim. Perhaps something useful there.

http://n4trb.com/AmateurRadio/National/Lamb/JamesLamb.htm

Steve, KK7UV

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

9800. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-20 17:59:55 UTC
From: Louis Vermond
Topic: 130 Message: 9800

Note Areo coils tho...

http://www.ebay.com/itm/Near-Mint-1925-Grebe-CR-18-Shortwave-Radio-w-Boxed-Set-of-Aero-Short-Wave-Coils/191289725189?_trksid=p2047675.c100005.m1851&_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D24641%26meid%3D71a9c8c0e24c470d99ec85696e11bf1d%26pid%3D100005%26prg%3D10413%26rk%3D2%26rkt%3D6%26sd%3D231309376360&rt=nc

9801. Re: National PW Dial Patent?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-22 18:03:10 UTC
From: ritareo@...
Topic: 9798 Message: 9801

Jim:
I'm still around and still have all that stuff except the degree from Stevens which I donated to the AWA. I have copies of the patent which I can send by snail mail but I would need some time and your address.
Merrill

9802. Re: National PW Dial Patent

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-24 00:14:20 UTC
From: JAMES HANLON
Topic: 9802 Message: 9802

Merrill,

It's great to hear from you and to know that you are still "in the game." Thanks for the offer to send me a copy of the Patent, but I don't need to bother you to do that. I got all sorts of helpful replies to my post. Joe Rubin, W4CBJ, offered to look up the Patent for me. Brian Page, N4TRB referred me to his web page at http://n4trb.com/AmateurRadio/National/Lamb/JamesLamb.htm where he has a copy of the patent posted among several other very interesting things. Bob Sullivan, W0YVA, gave me the patent number, 2060537, and told me it was issued to William Smith. And Tim Walker, W1GIG, let me know that you were still around and that he had seen you at the AWA Conference.

I am continually amazed at what a resource the internet, the AWA group, the AM Radio group, and the Boatanchors group are when I'm trying to find some information for an Electric Radio article.

73,

Jim Hanlon, W8KGI

9803. Submini tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-08-24 01:20:00 UTC
From: Leonard Meek
Topic: 9803 Message: 9803

I have a bunch of submini tubes, some marked 433E and some marked 437E. They appear to be triodes, directly heated, with wire leads. They're larger than my proximity fuze tubes but smaller than peanut tubes. They look like some old hearing aid tubes I have. I breadboarded a couple of them but the results were inconclusive because I don't know how much voltage they can handle. Would anyone have any idea what they are and/or what they were used for? Or even some characteristic data?

9804. W6REQ -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-09-02 20:05:09 UTC
From: Mike Feher
Topic: 9804 Message: 9804

Please welcome Art to the group. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

9805. Re: [AWA Group] W6REQ -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-09-02 20:10:46 UTC
From: Art Lebermann
Topic: 9804 Message: 9805

Thanks!

?

ART, W6REQ

-----Original Message-----
From: "'Mike Feher' n4fs@... [AWAGroup]"
Sent: Sep 2, 2014 1:05 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] W6REQ -

?

Please welcome Art to the group. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

9806. McElroy MT-35 transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-09-02 22:34:23 UTC
From: Art Lebermann
Topic: 9806 Message: 9806

I'm researching the history of the McElroy MT-35 transmitter, and have been advised that one was sold at the ARRL Convention flea market this July. I'm wondering if anyone on this list attended that convention, and might know who purchased the MT-35? Any other info on this very rare transmitter (the "ancester" of the WRL Globe Trotter) would be much appreciated. At last count, there are six units known to exist, with one in the AWA Museum collection.

Art Lebermann
W6REQ

9807. RE: [AWA Group] McElroy MT-35 transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-09-02 23:07:02 UTC
From: Carl Nord
Topic: 9806 Message: 9807

It was probably sold by a New Englander as there was one at the New Hampshire Nearfest last spring. The seller wanted $1500 for it

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, September 02, 2014 6:34 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] McElroy MT-35 transmitter

I'm researching the history of the McElroy MT-35 transmitter, and have been advised that one was sold at the ARRL Convention flea market this July. I'm wondering if anyone on this list attended that convention, and might know who purchased the MT-35? Any other info on this very rare transmitter (the "ancester" of the WRL Globe Trotter) would be much appreciated. At last count, there are six units known to exist, with one in the AWA Museum collection.

Art Lebermann
W6REQ

9808. RE: [AWA Group] McElroy MT-35 transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-09-02 23:42:38 UTC
From: Art Lebermann
Topic: 9806 Message: 9808

The "missing" MT-35 was sold by N2GHD (Grand Island, NY). Unfortunately, he does not know the name of the person who bought it.

?

ART

W6REQ

-----Original Message-----
From: "'Carl Nord' chnord@... [AWAGroup]"
Sent: Sep 2, 2014 4:07 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] McElroy MT-35 transmitter

It was probably sold by a New Englander as there was one at the New Hampshire Nearfest last spring. The seller wanted $1500 for it

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, September 02, 2014 6:34 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] McElroy MT-35 transmitter

?

I'm researching the history of the McElroy MT-35 transmitter, and have been advised that one was sold at the ARRL Convention flea market this July. I'm wondering if anyone on this list attended that convention, and might know who purchased the MT-35? Any other info on this very rare transmitter (the "ancester" of the WRL Globe Trotter) would be much appreciated. At last count, there are six units known to exist, with one in the AWA Museum collection.

Art Lebermann
W6REQ

9809. RE: [AWA Group] McElroy MT-35 transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-09-03 01:42:44 UTC
From: Mike Feher
Topic: 9806 Message: 9809

Art –

You might try, if you had not already, Tom French. His email is Tom French tom@... . 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, September 02, 2014 6:34 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] McElroy MT-35 transmitter

I'm researching the history of the McElroy MT-35 transmitter, and have been advised that one was sold at the ARRL Convention flea market this July. I'm wondering if anyone on this list attended that convention, and might know who purchased the MT-35? Any other info on this very rare transmitter (the "ancester" of the WRL Globe Trotter) would be much appreciated. At last count, there are six units known to exist, with one in the AWA Museum collection.

Art Lebermann
W6REQ

9810. RE: [AWA Group] McElroy MT-35 transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-09-03 01:49:17 UTC
From: Mike Feher
Topic: 9806 Message: 9810

I bet Jim knows exactly who he sold it to. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, September 02, 2014 7:43 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] McElroy MT-35 transmitter

The "missing" MT-35 was sold by N2GHD (Grand Island, NY). Unfortunately, he does not know the name of the person who bought it.

ART

W6REQ

-----Original Message-----
From: "'Carl Nord' chnord@... [AWAGroup]"
Sent: Sep 2, 2014 4:07 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] McElroy MT-35 transmitter

It was probably sold by a New Englander as there was one at the New Hampshire Nearfest last spring. The seller wanted $1500 for it

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, September 02, 2014 6:34 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] McElroy MT-35 transmitter

I'm researching the history of the McElroy MT-35 transmitter, and have been advised that one was sold at the ARRL Convention flea market this July. I'm wondering if anyone on this list attended that convention, and might know who purchased the MT-35? Any other info on this very rare transmitter (the "ancester" of the WRL Globe Trotter) would be much appreciated. At last count, there are six units known to exist, with one in the AWA Museum collection.

Art Lebermann
W6REQ

9811. Welcome aboard!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-09-03 14:02:58 UTC
From: Roger Kuchera
Topic: 7743 Message: 9811

Howdy Art,
Greetings and salutations!

CUL, Roger/K1TG

9812. Re: [AWA Group] W6REQ -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-09-03 18:06:21 UTC
From: K3PID
Topic: 9804 Message: 9812

Welcome Art! I am kinda new here myself but this is a great group!!!

Ron K3PID

From: mailto:AWAGroup@yahoogroups.com
Sent: Tuesday, September 02, 2014 3:10 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] W6REQ -

Thanks!

ART, W6REQ

-----Original Message-----
From: "'Mike Feher' n4fs@... [AWAGroup]"
Sent: Sep 2, 2014 1:05 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] W6REQ -

Please welcome Art to the group. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

9813. Need Meter -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-09-12 13:30:35 UTC
From: Mike Feher
Topic: 9813 Message: 9813

Hi Gang -

I need a Weston 476 AC voltmeter for a project. The scale can be from a maximum of 5 to 10 VAC. Please advise if you have something that may help. Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

9814. RE: [AWA Group] Need Meter -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-09-14 17:32:24 UTC
From: Steve Flood
Topic: 9813 Message: 9814
Attachments: 3 described; binary payloads are missing from this source WARC

How about this one Mike?

Tested and very close agreement with my Fluke RMS DVM.

One very small chip on inside edge of rim. Small scuffs on bakelite faze bezel. Glass and printed meter face flawless. "R131" scratched into rear plate.

Steve, KK7UV

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

9815. TEST

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-09-25 12:45:50 UTC
From: Bill Stewart
Topic: 315 Message: 9815

[Body unavailable in the source archive]

9816. 160 M Activity/1924 Meissner

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-09-25 12:22:24 UTC
From: Bill Stewart
Topic: 9816 Message: 9816

GM all,
The saga continues with the little '24 Meissner. A few months ago I added a sampling coil to be able to hook the rig to the coax fed Inv. L. I think I have squeezed abt all the RF I can out of the '01A and have begun testing on 160m. A few nights ago I did some CQing, mostly to see if I was getting into any RBN rcvrs and to my surprise I got a call from Mike, WA3TTS, in PA. He gave me a 579 rpt. I gave him a 479, due to QRN here. How 'bout that...so, looks like, with luck and good condx, I might be able to get a sig up to the North during the BK...sure hope so. I was also getting into some RBN rcvrs from VA into PA...weak in some spots, but pretty good in others. Mike later sent me an email with a link to a You-Tube video of our QSO and some pix I sent to him later. If interested, pse check out this link (click on 'show more' to see pix):
https://www.youtube.com/watch?v=nv8B52yslxo
One of these days I will get to a period p/s and rebuild the rig to look better...but hate to disturb anything since it is working. Plus, I'm getting the BK fever...abt time to start dusting off the Hartley.

73 de Bill K4JYS

9817. Re: [AWA Group] 160 M Activity/1924 Meissner

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-09-25 14:40:35 UTC
From: Larry Szendrei
Topic: 9816 Message: 9817

On 9/25/14 8:22 AM, Bill Stewart cwopr@... [AWAGroup] wrote:
> If interested, pse check out this link
>
> (click on 'show more' to see pix):
>
> https://www.youtube.com/watch?v=nv8B52yslxo
>
FB, Bill! watched the "movie" and saw the pix.
>
> One of these days I will get to a period p/s and rebuild the rig to look
>
> better...but hate to disturb anything since it is working. Plus,
>
> I'm getting the BK fever...abt time to start dusting off the Hartley.
>
>
I've been making QSOs with my Hartley in recent weeks, but on AM, not CW :-)

73,
-Larry/NE1S

9818. Re: [AWA Group] 160 M Activity/1924 Meissner

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-09-25 14:57:34 UTC
From: Louis Vermond
Topic: 9816 Message: 9818

Tks, Bill for posting that? You've caused the Radio Bug here to bit harder.

I've been making QSOs with my Hartley in recent weeks, but on AM, not CW :-) Please tell us more about this, Larry.

73, Lou
VE3AWA

9819. RE: [AWA Group] Need Meter -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-09-25 18:14:00 UTC
From: Mike Feher
Topic: 9813 Message: 9819
Attachments: 3 described; binary payloads are missing from this source WARC

Steve -

I apologize for the delayed response. Boy, this would be ideal, however, I need the earlier style 476 that has thinner and metal mounting rim. I believe the older style may also have been slightly smaller in the body diameter. Thanks again & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, September 14, 2014 1:32 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Need Meter -

How about this one Mike?

Tested and very close agreement with my Fluke RMS DVM.

One very small chip on inside edge of rim. Small scuffs on bakelite faze bezel. Glass and printed meter face flawless. "R131" scratched into rear plate.

Steve, KK7UV

<http://www.avast.com/>

This email is free from viruses and malware because avast! Antivirus <http://www.avast.com/> protection is active.

9820. Re: [AWA Group] 160 M Activity/1924 Meissner

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-09-26 10:48:36 UTC
From: Larry Szendrei
Topic: 9816 Message: 9820

On 9/25/14 10:57 AM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> I've been making QSOs with my Hartley in recent weeks, but on AM,
> not CW :-)
>

> Please tell us more about this, Larry.
>

Not much to tell, really. Just been talking to my New England buddies on 75M AM with the plate-modulated Hartley lash-up that's been on the air for several years now. Most of my opearation is from 7AM to 9AM on 3870 - 3885. The receiver I've been using with it is the RME-69. I tried the SW-3 but I need to work out some kind of muting - even with the RF gain all the way down it blows the cans off my head when I transmit. Pretty much the same as with the 2 homebrew regens at the operating position.

73,
-Larry/NE1S

9821. Re: [AWA Group] 160 M Activity/1924 Meissner

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-09-26 13:19:03 UTC
From: Niel - W0VLZ
Topic: 9816 Message: 9821

Larry,

Do you plate modulate your Hartley oscillator (http://ne1s.rfburn.org/Hartley.JPG) or did you add an amplifier that is modulated?

73,
Niel - W0VLZ

Larry Szendrei ne1s@... [AWAGroup] wrote:
>
> On 9/25/14 10:57 AM, Louis Vermond ldvermond@... [AWAGroup]
> wrote:
>>
>> I've been making QSOs with my Hartley in recent weeks, but on AM,
>> not CW :-)
>>
>
>> Please tell us more about this, Larry.
>>
>
> Not much to tell, really. Just been talking to my New England buddies
> on 75M AM with the plate-modulated Hartley lash-up that's been on the
> air for several years now. Most of my opearation is from 7AM to 9AM on
> 3870 - 3885. The receiver I've been using with it is the RME-69. I
> tried the SW-3 but I need to work out some kind of muting - even with
> the RF gain all the way down it blows the cans off my head when I
> transmit. Pretty much the same as with the 2 homebrew regens at the
> operating position.
>
> 73,
> -Larry/NE1S
>

9822. Re: [AWA Group] 160 M Activity/1924 Meissner

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-09-26 19:51:56 UTC
From: Larry Szendrei
Topic: 9816 Message: 9822

On 9/26/14 9:19 AM, Niel - W0VLZ w0vlz@... [AWAGroup] wrote:
>
> Larry,
>
> Do you plate modulate your Hartley oscillator (
> http://ne1s.rfburn.org/Hartley.JPG) or did you add an amplifier that is
> modulated?
>
Niel,

I plate-modulate the oscillator directly! The way I do it, it's not nearly as "bad" as you would think. I've posted on what I've done several times before on this list,; I've even posted sound files recorded by N1BUG at his QTH, with and without the BFO on so that you can hear how much/how little the carrier "wobulates."

73,
-Larry/NE1S

9823. Re: [AWA Group] 160 M Activity/1924 Meissner

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-09-26 20:05:47 UTC
From: Louis Vermond
Topic: 9816 Message: 9823

Hi Larry and Niel,

I do recall your "modulation" posts, but not the sound files. Please repost. Would enjoy hearing your non-wobulater.

Most of my operation is from 7AM to 9AM on 3870 - 3885. Will the group be on tomorrow?

73, Lou

----- Original Message -----
From: Larry Szendrei ne1s@securespeed.us [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-09-26 3:51 PM
Subject: Re: [AWA Group] 160 M Activity/1924 Meissner

On 9/26/14 9:19 AM, Niel - W0VLZ w0vlz@... [AWAGroup] wrote:

Larry,

Do you plate modulate your Hartley oscillator (http://ne1s.rfburn.org/Hartley.JPG) or did you add an amplifier that is modulated?

Niel,

I plate-modulate the oscillator directly! The way I do it, it's not nearly as "bad" as you would think. I've posted on what I've done several times before on this list,; I've even posted sound files recorded by N1BUG at his QTH, with and without the BFO on so that you can hear how much/how little the carrier "wobulates."

73,
-Larry/NE1S

9824. New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-09-29 20:59:11 UTC
From: Louis Vermond
Topic: 7747 Message: 9824

Welcome Hank, N1LTV.

9825. Re: [AWA Group] New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-09-29 21:41:02 UTC
From: N1BUG
Topic: 7747 Message: 9825

Welcome Hank, N1LTV.

Welcome, Hank! It's good to see you here. You will find this group has some of the most knowledgeable and helpful gentlemen you could hope to meet. I have thoroughly enjoyed being a member here, and building/using and old time rig.

73,
Paul N1BUG

9826. Re: [AWA Group] New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-09-30 02:52:40 UTC
From: Roger Kuchera
Topic: 7747 Message: 9826

Howdy Hank,
Welcome aboard! It's a fine group.

Roger/K1TG

On Monday, September 29, 2014 5:41 PM, "N1BUG paul@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Welcome Hank, N1LTV.

Welcome, Hank! It's good to see you here. You will find this group has some of the most knowledgeable and helpful gentlemen you could hope to meet. I have thoroughly enjoyed being a member here, and building/using and old time rig.

73,
Paul N1BUG

9827. Feb 1931 QST Cover scan?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-10-08 22:29:47 UTC
From: Niel - W0VLZ
Topic: 9827 Message: 9827

Can someone do a high resolution full color scan of the Feb 1931 QST cover for me?

I'm planning to design a my 2014Bruce Kelley 1929 QSO PartyQSL card around the cover art from the Feb 1931 issue of QST (ARRL was fine with this). Now I need a decent scan. All I have now is a contrasty black and white image and my own Feb '31 QST is hard bound with other issues so I can't scan the cover.

tnx as 73,
Niel - W0VLZ

9828. Re: [AWA Group] Feb 1931 QST Cover scan?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-10-09 22:47:43 UTC
From: Roger Kuchera
Topic: 9827 Message: 9828
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Niel,
Here is a scan of my Feb. 1931 QST cover. I hope it is useful.

CUL, Roger/K1TG

On Wednesday, October 8, 2014 6:29 PM, "Niel - W0VLZ w0vlz@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Can someone do a high resolution full color scan of the Feb 1931 QST cover for me?

I'm planning to design a my 2014Bruce Kelley 1929 QSO PartyQSL card around the cover art from the Feb 1931 issue of QST (ARRL was fine with this). Now I need a decent scan. All I have now is a contrasty black and white image and my own Feb '31 QST is hard bound with other issues so I can't scan the cover.

tnx as 73,
Niel - W0VLZ

Posted by: Niel - W0VLZ <w0vlz@...>

Yahoo Groups Links

https://info.yahoo.com/legal/us/yahoo/utos/terms/

9829. Information needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-10-12 23:07:07 UTC
From: Roger Kuchera
Topic: 9829 Message: 9829

Gentlemen,
Once again I am looking for information. Specifically, I need a scan from an older RSGB handbook. I'm looking for the text referencing "Figure 4.15". It is from the 4th edition, chapter
4. It has to do with receiver mixers, particularly twin triode "valves." I would be obliged, if
anyone could send that to me by email.

Thank you.

CUL, Roger/K1TG

9830. [AWA Group] Information needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-10-13 01:42:00 UTC
From: Louis Vermond
Topic: 9829 Message: 9830

GE Roger,

I have the second edition, not the Forth. I suggest that you contact the following two G groups, address shown below. Perhaps there you'll find the information you need.

Eddystone Users Group: http://eddystoneusergroup.org.uk/homepage.htm

EUG Formun: https://uk.groups.yahoo.com/neo/groups/eddystone_radio_users/info

The Radio Amateur Old Timer's Association: http://raota.org/

GL, Lou

9831. Atwater Kent Questions

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-10-18 19:03:40 UTC
From: Gary H. Harmon, Jr.
Topic: 9831 Message: 9831
Attachments: 1 described; binary payloads are missing from this source WARC

Yesterday I picked up a clean model 33 with the matching E3 speaker.

The 33 is very clean but the PS was not available.

The E3 looks good but needs the lining replaced. I removed the front cover and speaker looks to be recently replaced. I removed the two nuts on the rear thinking the mechanism and speaker would fall out but no luck. Is there something I need to know to remove the innards in order to replace the lining?

Also, what PS or PSs should I be looking for to complete the set?

Thanks.

Gary H. Harmon, Jr. - K5JWK - HAM Radio Archaeologist

6003 Archwood

San Antonio, TX 78239-1504

210.657.1549h / 210.884.6926c/t

gharmon (at) idworld.net

"Retirement = Every day is a Saturday except Sunday"

http://www.grissomroadcoc.org

9832. QST History

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-10-19 21:18:39 UTC
From: Louis Vermond
Topic: 9832 Message: 9832
Attachments: 1 described; binary payloads are missing from this source WARC

Hi,

Does anyone here have this book? 73, Lou

9833. 1924 Period Correct Pwr Supply

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-10-21 18:49:29 UTC
From: Bill Stewart
Topic: 9833 Message: 9833

GA,
I am still dinking with the '24 Meissner osc. It is working well and now have it feeding the Inv. L.
I have been making a few QSOs on 160 over the last month or so. Yes, this project has been going
on for a couple of years....and yes, I'm slow. The next chapter to this saga will be a period
correct p/s, for AWA use. Has anyone run a '20s xmtr using RAC or self-rectifying. From what I have seen, there were not many rectifier tubes available in '24....maybe 'S' tubes. Many xmtrs were run with AC on the plates. I am using a single C-301A and am wondering how to run one using AC on the plate. By the way, I'm using 300vdc B+ (Heath Bench supply) so the tone is pretty good. Any other ideas (other than pie-pan capacitors & 40-jar rectifiers).
I would love to build something as near as possible to being from the 1924 time frame. However,
I may have to cheat and use rectifiers which came out in 1925....ain't I nit-picking.

Anyone have some good 'skinny' for doing this?
Tnx...73 de Bill K4JYS

9834. [AWA Group] 1924 Period Correct Pwr Supply

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-10-21 19:56:08 UTC
From: Louis Vermond
Topic: 9833 Message: 9834
Attachments: 1 described; binary payloads are missing from this source WARC

19:53Z

Hello Bill,

Once again I see that we are kindred spirits in this.

Has anyone run a '20s xmtr using RAC or self-rectifying. RAC? I have. If you wish a 'phone QSO regarding my results, please send me your number and time I should call. So do so now would be fine.

73, Lou

9835. Re: [AWA Group] 1924 Period Correct Pwr Supply

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-10-21 20:31:50 UTC
From: Bill Stewart
Topic: 9833 Message: 9835

Hey Lou,
Tnx for replying...now will be good for me too.
919-934-7337...If its gonna cost ya to call, pse wait and we can do it some other way.
Tnx....Bill

----- Original Message -----

From: "Louis Vermond ldvermond@sympatico.ca [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Sent: Tuesday, October 21, 2014 3:56:08 PM
Subject: [AWA Group] 1924 Period Correct Pwr Supply

19:53Z

Hello Bill,

Once again I see that we are kindred spirits in this.

Has anyone run a '20s xmtr using RAC or self-rectifying. RAC? I have. If you wish a 'phone QSO regarding my results, please send me your number and time I should call. So do so now would be fine.

73, Lou

9836. CQD Titanic

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-10-24 15:24:21 UTC
From: Louis Vermond
Topic: 9836 Message: 9836

http://downloads.bbc.co.uk/podcasts/worldservice/discovery/discovery_20120409-2006a.mp3

9837. Needing . . .

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-10-24 19:48:00 UTC
From: Louis Vermond
Topic: 9837 Message: 9837
Attachments: 1 described; binary payloads are missing from this source WARC

Hello,

I am looking for a accurate 100 D.C. milliamp metre for test-bench use such as below or the Weston equivalent. Face diameter 3 1/2" or the somewhat smaller metal case type. It does not have to be pristine. Any physical condx will be considered. Cash money or trade. All postage covered.

Tks, Lou

9838. BK QSO Party and National SW-5

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-10-24 22:26:49 UTC
From: Niel - W0VLZ
Topic: 9838 Message: 9838

Any of you have an SW-5 on 80 and 40? In setting mine up for the BK I discovered feedback caused by the tuned RF stage to be a major problem. Any other similar experiences? My solution was to turn the SW-5 RF stage into an untuned RF stage. See my blog at http://w0vlz.blogspot.com/2014/10/2014-bruce-kelley-1929-qso-party.html for details.

73,
Niel - W0VLZ

9839. VRY FB, Niel.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-10-24 22:37:11 UTC
From: Louis Vermond
Topic: 9839 Message: 9839
Attachments: 1 described; binary payloads are missing from this source WARC

Why didn't the rest of us think of this!!

9840. Fwd: [AWA Group] VRY FB, Niel.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-10-25 13:44:36 UTC
From: Niel - W0VLZ
Topic: 9839 Message: 9840
Attachments: 1 described; binary payloads are missing from this source WARC

Lou,

Now if I could figure out the names of the fonts used in 1931 on the QST cover....

73,
Niel

-------- Original Message --------
Subject: [AWA Group] VRY FB, Niel.
Date: Fri, 24 Oct 2014 18:37:11 -0400
From: Louis Vermond ldvermond@... [AWAGroup] <AWAGroup@yahoogroups.com>
Reply-To: AWAGroup@yahoogroups.com
To: AWAGroup <AWAGroup@yahoogroups.com>

Why didn't the rest of us think of this!!

9841. Re: [AWA Group] VRY FB, Niel. [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-10-25 15:51:45 UTC
From: Louis Vermond
Topic: 9841 Message: 9841

GM Niel,

Now if I could figure out the names of the fonts used in 1931 on the QST cover....

The programs used to modify images/text have hundreds of font styles. Chances are . . .

73, Lou

9842. Re: Fwd: [AWA Group] VRY FB, Niel. [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-10-25 16:32:33 UTC
From: Garey Barrell
Topic: 9839 Message: 9842

Niel -

There are dozens of sites with thousands of free fonts. I use <www.fontspace.com> and <www.dafont.com>.

The 'QST' is almost certainly hand cut. The 'Amateur Radio' looks kind of like Cooper with shading.

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Niel - W0VLZ
w0vlz@...

[AWAGroup] wrote:
> Lou,
>
> Now if I could figure out the names of the fonts used in 1931 on the QST
> cover....
>
> 73,
> Niel
>
>

9843. RE: [AWA Group] Needing . . .

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-10-25 19:03:32 UTC
From: Mike Feher
Topic: 9837 Message: 9843
Attachments: 1 described; binary payloads are missing from this source WARC

Lou -

If you would like to use an analog meter for bench-top use, I would recommend the style like the picture I attached. The attached picture happens to be by Sensitive Research that I randomly took off the shelf for the photo. About 10 years ago I built a bench-top tube tester for high power use, and, use this style of meter almost exclusively with it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, October 24, 2014 3:48 PM
To: AWAGroup
Subject: [AWA Group] Needing . . .

Hello,

I am looking for a accurate 100 D.C. milliamp metre for test-bench use such as below or the Weston equivalent. Face diameter 3 1/2" or the somewhat smaller metal case type. It does not have to be pristine. Any physical condx will be considered. Cash money or trade. All postage covered.

Tks, Lou

9844. RE: [AWA Group] CQD Titanic

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-10-27 22:39:37 UTC
From: Steve Flood
Topic: 9836 Message: 9844

Excellent. Wish they had a Morse version of the podcast.

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

9845. Ya just gotta love those guys...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-10-27 23:43:39 UTC
From: Louis Vermond
Topic: 9845 Message: 9845
Attachments: 2 described; binary payloads are missing from this source WARC

Hint...the beehive insulator upper right.

9846. Mini Night of Nights! - MRHS Newsletter No. 49 / 630 Mtr Activity Night

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-10-29 19:42:25 UTC
From: Bill Stewart
Topic: 9846 Message: 9846

I copied ITEM 1 from the topband list (via Steve, VE7SL) and thought it might be of interest to some of our list members. ITEM 2 is from the Maritime Radio Historical Society (MHRS). They are also participating in the 600/630 meter event. Looks like some interesting activity coming up this weekend.
73 de Bill K4JYS

ITEM 1
"I know that many topband operators are interested in and are following the activity on the 630m band (472 - 479kHz) as agencies work towards this becoming a ham band in the U.S....some of you are even transmitting using an experimental licence. All Canadian amateurs gained access to the new band in May of this year.

This coming weekend, a 630m Activity Night will see many experimental stations on the air, including some of the old Maritime CW stations. As well, on Friday night only, three Canadian stations...VE7SL, VE7BDQ and VO1NA will be operating in the 'crossband mode', transmitting on 630m CW and listening for CW replies on designated HF frequencies. Hopefully many of you will take a look for us during our scheduled operating times and if hearing us, would give a call on HF....we would love to work as many as possible during the Friday night event. All three stations will be running the maximum erp and with the improved propagation conditions of fall, hope to be workable throughout many call areas in Canada and the USA.

For the finer details of times and frequencies of the crossbander operation, as well as a link to the ARRL's news description, please see:

http://ve7sl.blogspot.ca/2014/10/630m-crossband-activity-night-reminder.html

You shouldn't need a fancy antenna to just listen on 630m but you will need to be able to switch between listening on 630m and then transmitting on HF, perhaps using two different antennas to make it easier...or maybe just A/B switching your antenna selection manually. We hope to hear many of you calling on Friday evening!

73 Steve / VE7SL"

ITEM 2

"> Mini Night of Nights 1 November - MF Madness!

In Newsletter No. 47 we announced our Mini Night of Nights event to take place on the evening of 1 November (Pacific time). We're happy to report that those plans are still on and that members of the Transmitter and Operations Departments have stepped up to assure that KSM (and K6KPH) will be standing tall. Plus Bill Ruck has offered to feed the staff with his famous radioman's hash (not made from real radiomen we hope) and Chief Operator Dillman will be supplying an example of his "my o my" key lime pie. We may have to use

large pointed sticks to prod the operations staff out of the kitchen and back to their operating positions. Ruck, being "Morse challenged" as he puts it, will not receive such treatment.

What's the idea behind this event? Well, we know it's tough for many folks to copy the MF signals of KSM during our normal daytime (Pacific time) operations. We've often thought about a Mini Night of Nights during the winter that would continue into the evening hours and emphasize MF operations.

The propagation of our HF signals will be different too, so listeners beyond MF range may be able to copy us at locations where we are not heard during the day.

How late will we stay on? That's hard to say since it will largely depend on the sleep inducing qualities of the excellent meal provided by Ruck. But on the regular Night of Nights events we usually run out of steam at about 9:30 or 10:00pm Pacific time so it'll probably be similar for M NoN."

Here is more info from the MRHS:

http://campaign.r20.constantcontact.com/render?ca=f43260f5-a7f9-4084-9304-9637ee630b59&c=87e94620-790b-11e3-93dd-d4ae5292c4bc&ch=88dd6a20-790b-11e3-9409-d4ae5292c4bc

_____
Topband Reflector Archives - http://www.contesting.com/_topband

9847. Mini Night of Nights! - MRHS Newsletter No. 49 / 630 Mtr Activity Night

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-10-30 14:04:16 UTC
From: Louis Vermond
Topic: 9846 Message: 9847
Attachments: 1 described; binary payloads are missing from this source WARC

I'm ready for you, 7SL...

9848. Re: [AWA Group] Mini Night of Nights! - MRHS Newsletter No. 49 / 630 Mtr Activity Night

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-10-30 15:44:55 UTC
From: Steve
Topic: 9846 Message: 9848

>I'm ready for you, 7SL...

now you might actually hear me with that ;-)

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

9849. Re: [AWA Group] Mini Night of Nights! - MRHS Newsletter No. 49 / 630 Mtr Activity Night

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-10-30 18:07:54 UTC
From: Louis Vermond
Topic: 9846 Message: 9849
Attachments: 1 described; binary payloads are missing from this source WARC

>I'm ready for you, 7SL...

Stn complete now...

9850. Radio Instruments and Measurements circular

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-10-31 12:11:13 UTC
From: Larry Szendrei
Topic: 9850 Message: 9850

Here's a link to a publication from 1924, reprinted with corrections in 1937, by the National Bureau of Standards entitled "Radio Instruments and Measurements." Lots of good information here.

Forwarded form the Glowbugs list.

73,
-Larry/NE1S

-------- Forwarded Message --------

This seems to be a link to the full circular:

http://terac.org/wp-content/uploads/2014/04/circ74-rescan.pdf

Mike n2mho

9851. RE: [AWA Group] Radio Instruments and Measurements circular

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-10-31 12:33:15 UTC
From: Mike Feher
Topic: 9850 Message: 9851

Larry –

That book is indeed an extremely handy reference. I have a couple of originals. I should actually pull them out more often for reference. Thanks for the reminder. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, October 31, 2014 8:11 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Radio Instruments and Measurements circular

Here's a link to a publication from 1924, reprinted with corrections in
1937, by the National Bureau of Standards entitled "Radio Instruments
and Measurements." Lots of good information here.

Forwarded form the Glowbugs list.

73,
-Larry/NE1S

-------- Forwarded Message --------

This seems to be a link to the full circular:

http://terac.org/wp-content/uploads/2014/04/circ74-rescan.pdf

Mike n2mho

9852. Re: [AWA Group] Radio Instruments and Measurements circular

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-10-31 13:16:47 UTC
From: Louis Vermond
Topic: 9850 Message: 9852

GM,

Thank you, Larry & Blowbugs. Lou

----- Original Message -----
From: Larry Szendrei ne1s@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-10-31 8:11 AM
Subject: [AWA Group] Radio Instruments and Measurements circular

Here's a link to a publication from 1924, reprinted with corrections in
1937, by the National Bureau of Standards entitled "Radio Instruments
and Measurements." Lots of good information here.

Forwarded form the Glowbugs list.

73,
-Larry/NE1S

-------- Forwarded Message --------

This seems to be a link to the full circular:

http://terac.org/wp-content/uploads/2014/04/circ74-rescan.pdf

Mike n2mho

9853. de K1TG - Info needed for RME LF-90

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-01 16:02:42 UTC
From: Roger Kuchera
Topic: 9853 Message: 9853

Gentlemen,
I seem always to be looking for information on one oddball piece of vintage gear or another. Once again, I am in need of data. Namely, alignment data on the RME LF-90. This is the low frequency adjunct to the RME-69. There is a paucity of info on this particular item. To date, all I have found are 2 pages from an old Rider's Manual. I did find a reference to alignment data on one site but all it did was lead me around in a circle back to manufacturer's home page. Surplus of Nebraska has a listing for a manual for the LF-90, which I have ordered.

If I am able to gather enough data, I will submit an article to Electric Radio. Is there any one of our august assemblage who might be willing to share info on this rare item?

Thank you.

CUL, Roger/K1TG

9854. Re: [AWA Group] Radio Instruments and Measurements circular

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-01 17:24:38 UTC
From: Larry Szendrei
Topic: 9850 Message: 9854

On 10/31/14 9:16 AM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> ☐
>
> GM,
> Thank you, Larry & Blowbugs. Lou
Blowbugs??

9855. Re: [AWA Group] Radio Instruments and Measurements circular

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-01 17:59:24 UTC
From: Louis Vermond
Topic: 9850 Message: 9855

GM,

Thank you, Larry & Blowbugs. Lou

Blowbugs??

Ooops... Too much RF.

----- Original Message -----
From: Larry Szendrei ne1s@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-11-01 1:24 PM
Subject: Re: [AWA Group] Radio Instruments and Measurements circular

On 10/31/14 9:16 AM, Louis Vermond ldvermond@... [AWAGroup] wrote:

☐

GM,

Thank you, Larry & Blowbugs. Lou

Blowbugs??

9856. Re: [AWA Group] Needing . . . [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-01 18:23:46 UTC
From: Louis Vermond
Topic: 9856 Message: 9856
Attachments: 1 described; binary payloads are missing from this source WARC

Lou

If you would like to use an analog meter for bench-top use, I would recommend the style like the picture I attached. The attached picture happens to be by Sensitive Research that I randomly took off the shelf for the photo. About 10 years ago I built a bench-top tube tester for high power use, and, use this style of meter almost exclusively with it. 73 - Mike

Sigh...yet considering my level of "testing", a Weston will do.

Speaking of which, Ron K3PID came through. Going to the PO every day, Ron!

9857. Re: [AWA Group] Radio Instruments and Measurements circular

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-01 18:24:10 UTC
From: Larry Szendrei
Topic: 9850 Message: 9857

On 11/1/14 1:59 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> □
>
> GM,
> Thank you, Larry & Blowbugs. Lou
> Blowbugs??
> Ooops... Too much RF.
>
Freudian slip, if you ask me ;-)

9858. Getting Ready for the Kelley Party #1... On the Windom antenna

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-01 21:46:50 UTC
From: Louis Vermond
Topic: 9858 Message: 9858
Attachments: 3 described; binary payloads are missing from this source WARC

Originally from KK7UV to VE7SL & VE3AWA

Drawing from: How to Become a Radio Amateur, 1st edition, 1930

Windom mentions a "normal half-wave radiator with a single wire feeder" and notes the high standing wave on the feeder. Starting with the single-wire feeder at the center of the half-wave radiator and moving it outward he claims the standing wave on the feeder "began to disappear", and at a "very definite point the feeder curve became a straight line".

Looking at this in EZNEC:

For 3560 Khz and trimmed for zero reactance, I got a center Z of 71+j0 for a 135.5 foot wire.

With a 135-foot single-wire feeder and fed against ground, the Z is 843-j1134

The current distribution is not flat as Windom stated.

I moved the single-wire feeder connection to the magic spot 18.82 feet from the center (as per Windom's formula).

The Z is now 1458-j1090 and the current distribution flattens out as Windom claimed.

The feeder is still radiating however and probably does not jive with what we would call a feeder or feedline today, which we do not wish to radiate.

W8JI provides the following comments on the Windom on his webpage:

The current distribution flattens as the surge impedance of the single-wire feedline matches that impedance at some point on the horizontal wire.

The Achilles heel of the original single wire Windom is the single-wire feeder. It has no "return conductor" or shield, so the single-wire feeder:

1.. radiates and couples to everything around it. This causes TVI and RFI and couples local noise into the receiver.
2.. causes considerable common mode currents along the feedline and at the matching system. The common mode currents and strong electric field extending a considerable distance from the feed wire causes RF grounding problems and common mode currents in the Hamshack and on all the shack wiring and equipment.

9859. Re: [AWA Group] Getting Ready for the Kelley Party #1... On the Windom antenna

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-01 23:05:14 UTC
From: Bill Stewart
Topic: 9858 Message: 9859

Hi Lou,
I haven't completely digested this info yet but will later.
I have been using this antenna since I started in the AWA and wrking
the BK events....since around 2000. It is the recommended antenna for
use with the TNT in the Dec '29 QST. With one at abt 30 ft, I worked
W6, on 80 with the 2 watt '29 TNT. I have also worked VE7SL several
times on 80 & 40, with the one now in use, at abt 40 ft. I used the
charts from the orig. '29 info. I believe it was called the off center
fed hertz then. I also use it with several HB rigs. It works quite well
on 80, 40 and have used it on 20. I have no problems with TVI or RFI
in the shack but that may be due to the low power. As a general rule I
work a goodly number of stations in the BK.

I have no idea what the swr is...no good way to measure. I believe some-
where in the old info, it is said that if the feed line is connected to the proper
point, per formulas, the swr will be of no concern. Feed line lgths can be
very long with no losses except resistive in the feed line. I have no fancy way
to analyze this antenna, but from my experience I would recommend it for
the BK, other AWA events and general amateur use.

Tnx for passing along the technical notes on this antenna.

73 de Bill K4JYS

----- Original Message -----

From: "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Sent: Saturday, November 1, 2014 5:46:50 PM
Subject: [AWA Group] Getting Ready for the Kelley Party #1... On the Windom antenna

Originally from KK7UV to VE7SL & VE3AWA

cid:image002.jpg@01CFE717.D85E5A80Drawing from: How to Become a Radio Amateur , 1st
edition, 1930

Windom mentions a “normal half-wave radiator with a single wire feeder” and notes the high
standing wave on the feeder. Starting with the single-wire feeder at the center of the
half-wave radiator and moving it outward he claims the standing wave on the feeder “began
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2. causes considerable common mode currents along the feedline and at the matching system. The common mode currents and strong electric field extending a considerable distance from the feed wire causes RF grounding problems and common mode currents in the Hamshack and on all the shack wiring and equipment.

9860. Radio Row podcast & video

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-02 16:08:35 UTC
From: Larry Szendrei
Topic: 9860 Message: 9860

Here's a neat ~17 minute podcast on Radio Row in NYC, but you need to
suffer through the first few minutes of intro/commercial. There is also
a 1929 video (with audio) of Radio Row on the page that is 2-3 minutes long.

http://www.radiodiaries.org/new-podcast-radio-row/

Someone had posted this on the Glowbugs reflector.

73,
-Larry/NE1S

9861. Hammarlund Comet Pro Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-02 23:20:27 UTC
From: Carl Nord
Topic: 9861 Message: 9861

Just finishing the restoration of a Hamarlund Comet Pro. Version 2 CA 1932

The IF gain control in mine works backwards to what I am used to. It would be better off if it was called "IF attenuation"

That is as you turn it clockwise, the gain goes down. Counterclockwise and it increases.

If that is how it came from the factory I want to leave it that way, but mine was modded a lot in its life so it is hard to tell what is truly original and what is a change.

So I thought I would ask others.

Thanks

Carl Nord

WA1KPD

9862. RE: [AWA Group] Hammarlund Comet Pro Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-03 00:11:44 UTC
From: Art Lebermann
Topic: 9861 Message: 9862

Carl...

I have an early Comet Pro (in wood cabinet), though I'm not sure of the version. It's un-restored, and I've never applied power. If you don't get the info you need, let me know - I may be able to help.

73,
Art Lebermann
W6REQ

----- Original Message -----
From: Carl Nord' chnord@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 11/2/2014 3:20:23 PM
Subject: [AWA Group] Hammarlund Comet Pro Question

Just finishing the restoration of a Hamarlund Comet Pro. Version 2 CA 1932

The IF gain control in mine works backwards to what I am used to. It would be better off if it was called "IF attenuation"
That is as you turn it clockwise, the gain goes down. Counterclockwise and it increases.

If that is how it came from the factory I want to leave it that way, but mine was modded a lot in its life so it is hard to tell what is truly original and what is a change.
So I thought I would ask others.

Thanks

Carl Nord
WA1KPD

9863. Re: [AWA Group] Hammarlund Comet Pro Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-03 00:15:58 UTC
From: Larry Szendrei
Topic: 9861 Message: 9863

I guess you've got it working and receiving signals now, Carl? Congrats!

Sorry I can't help with your inquiry. The RF gain control on my RME 69
works the same way, but I think that's because the control was replaced
and has a switch on it to disable the AGC.

83,
-Larry/NE1S

On 11/2/14 6:20 PM, 'Carl Nord' chnord@... [AWAGroup] wrote:
>
> Just finishing the restoration of a Hamarlund Comet Pro. Version 2 CA 1932
>
> The IF gain control in mine works backwards to what I am used to. It
> would be better off if it was called "IF attenuation"
>
> That is as you turn it clockwise, the gain goes down. Counterclockwise
> and it increases.
>
> If that is how it came from the factory I want to leave it that way,
> but mine was modded a lot in its life so it is hard to tell what is
> truly original and what is a change.
>
> So I thought I would ask others.
>
> Thanks
>
> Carl Nord
>
> WA1KPD
>
>

9864. RE: [AWA Group] Hammarlund Comet Pro Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-03 00:55:37 UTC
From: Carl Nord
Topic: 9861 Message: 9864

Thank you Art.

I'll let you know !

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, November 02, 2014 7:12 PM
To: Carl Nord' chnord@... [AWAGroup]
Subject: RE: [AWA Group] Hammarlund Comet Pro Question

Carl...

I have an early Comet Pro (in wood cabinet), though I'm not sure of the version. It's un-restored, and I've never applied power. If you don't get the info you need, let me know - I may be able to help.

73,

Art Lebermann

W6REQ

----- Original Message -----

From: Carl Nord' chnord@... [AWAGroup]
<mailto:AWAGroup@yahoogroups.com>

To: AWAGroup@yahoogroups.com

Sent: 11/2/2014 3:20:23 PM

Subject: [AWA Group] Hammarlund Comet Pro Question

Just finishing the restoration of a Hamarlund Comet Pro. Version 2 CA 1932

The IF gain control in mine works backwards to what I am used to. It would be better off if it was called "IF attenuation"

That is as you turn it clockwise, the gain goes down. Counterclockwise and it increases.

If that is how it came from the factory I want to leave it that way, but mine was modded a lot in its life so it is hard to tell what is truly original and what is a change.

So I thought I would ask others.

Thanks

Carl Nord

WA1KPD

9865. mic question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-04 00:36:56 UTC
From: Louis Vermond
Topic: 9865 Message: 9865
Attachments: 2 described; binary payloads are missing from this source WARC

Hello,

This mic. is 1940s or earlier. What is the likelihood that it is a carbon? How can I varify? There is continuity at the contacts...

Tks, Lou

9866. RE: [AWA Group] mic question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-04 01:31:06 UTC
From: Mike Feher
Topic: 9865 Message: 9866
Attachments: 2 described; binary payloads are missing from this source WARC

Since it gives an output impedance, I would assume it is dynamic. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, November 03, 2014 7:37 PM
To: AWAGroup
Subject: [AWA Group] mic question

Hello,

This mic. is 1940s or earlier. What is the likelihood that it is a carbon?
How can I varify? There is continuity at the contacts...

Tks, Lou

9867. Re: [AWA Group] mic question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-04 16:01:58 UTC
From: Louis Vermond
Topic: 9865 Message: 9867
Attachments: 2 described; binary payloads are missing from this source WARC

Hello Mike,

There seems to be several opposite opinions. We'll see.

Lou

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-11-03 8:31 PM
Subject: RE: [AWA Group] mic question

Since it gives an output impedance, I would assume it is dynamic. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, November 03, 2014 7:37 PM
To: AWAGroup
Subject: [AWA Group] mic question

Hello,

This mic. is 1940s or earlier. What is the likelihood that it is a carbon? How can I varify? There is continuity at the contacts...

Tks, Lou

9868. RE: [AWA Group] mic question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-04 16:09:45 UTC
From: Mike Feher
Topic: 9865 Message: 9868
Attachments: 2 described; binary payloads are missing from this source WARC

Well, in that case, take an ohm meter, put it on its lowest range, and see if you hear anything from it when you touch it to the output leads. A small battery would work as well. If you hear something, like a click in a pair of headphones, then it is indeed dynamic. You could also try to pump audio into it, like from a receiver or a sig gen. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, November 04, 2014 11:02 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] mic question

Hello Mike,

There seems to be several opposite opinions. We'll see.

Lou

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup]
<mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2014-11-03 8:31 PM

Subject: RE: [AWA Group] mic question

Since it gives an output impedance, I would assume it is dynamic. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, November 03, 2014 7:37 PM
To: AWAGroup

Subject: [AWA Group] mic question

Hello,

This mic. is 1940s or earlier. What is the likelihood that it is a carbon?
How can I varify? There is continuity at the contacts...

Tks, Lou

9869. Re: [AWA Group] mic question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-04 16:20:58 UTC
From: Louis Vermond
Topic: 9865 Message: 9869
Attachments: 2 described; binary payloads are missing from this source WARC

Mike,

It's a dynamic. Too bad. After I reassemble it today, I'll post a photo of it and you'll see how too bad it is. Mind you, too bad only for my loop modulation needs. Later...

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-11-04 11:09 AM
Subject: RE: [AWA Group] mic question

Well, in that case, take an ohm meter, put it on its lowest range, and see if you hear anything from it when you touch it to the output leads. A small battery would work as well. If you hear something, like a click in a pair of headphones, then it is indeed dynamic. You could also try to pump audio into it, like from a receiver or a sig gen. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, November 04, 2014 11:02 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] mic question

Hello Mike,

There seems to be several opposite opinions. We'll see.

Lou

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup]

To: AWAGroup@yahoogroups.com

Sent: 2014-11-03 8:31 PM

Subject: RE: [AWA Group] mic question

Since it gives an output impedance, I would assume it is dynamic. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, November 03, 2014 7:37 PM
To: AWAGroup
Subject: [AWA Group] mic question

Hello,

This mic. is 1940s or earlier. What is the likelihood that it is a carbon? How can I varify? There is continuity at the contacts...

Tks, Lou

9870. RE: [AWA Group] mic question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-04 16:21:47 UTC
From: Mike Feher
Topic: 9865 Message: 9870
Attachments: 2 described; binary payloads are missing from this source WARC

I told you that the first time -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, November 04, 2014 11:21 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] mic question

Mike,

It's a dynamic. Too bad. After I reassemble it today, I'll post a photo of it and you'll see how too bad it is. Mind you, too bad only for my loop modulation needs. Later...

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup]
<mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2014-11-04 11:09 AM

Subject: RE: [AWA Group] mic question

Well, in that case, take an ohm meter, put it on its lowest range, and see if you hear anything from it when you touch it to the output leads. A small battery would work as well. If you hear something, like a click in a pair of headphones, then it is indeed dynamic. You could also try to pump audio into it, like from a receiver or a sig gen. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, November 04, 2014 11:02 AM

To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] mic question

Hello Mike,

There seems to be several opposite opinions. We'll see.

Lou

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup]
<mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2014-11-03 8:31 PM

Subject: RE: [AWA Group] mic question

Since it gives an output impedance, I would assume it is dynamic. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, November 03, 2014 7:37 PM
To: AWAGroup
Subject: [AWA Group] mic question

Hello,

This mic. is 1940s or earlier. What is the likelihood that it is a carbon?
How can I varify? There is continuity at the contacts...

Tks, Lou

9871. RE: [AWA Group] mic question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-04 16:32:55 UTC
From: Louis Vermond
Topic: 9865 Message: 9871

There seems to be several opposite opinions. We'll see.

Well, in that case, take an ohm meter.... It's a dynamic.

9872. [AWA Group] Radio Row podcast & video

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-04 17:26:15 UTC
From: Louis Vermond
Topic: 9860 Message: 9872
Attachments: 1 described; binary payloads are missing from this source WARC

Here's a neat ~17 minute podcast on Radio Row in NYC, but you need to
suffer through the first few minutes of intro/commercial. There is also
a 1929 video (with audio) of Radio Row on the page that is 2-3 minutes long.

http://www.radiodiaries.org/new-podcast-radio-row/

73, -Larry/NE1S

Many thanks, Larry. A wonderful site. 73, Lou

Look a the pile of tubes in the window! :0(

Is that Edward G. Robinson?

9873. Re: [AWA Group] mic question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-04 20:01:41 UTC
From: Louis Vermond
Topic: 9865 Message: 9873
Attachments: 2 described; binary payloads are missing from this source WARC

It's a dynamic. Too bad. After I reassemble it today, I'll post a photo of it and you'll see how too bad it is. Mind you, too bad only for my loop modulation needs. Later...

This belongs to Jim, VE3BHK
From the estate of a man who was in the WW2 Merchant Marine.

9874. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-04 20:05:57 UTC
From: Louis Vermond
Topic: 130 Message: 9874

70 mils a bit odd, but in good shape...

http://www.ebay.com/itm/4-VINTAGE-METERS-WESTON-MILLIAMMETER-RADIO-FREQUENCY-AMPERS-ANTENNA-INDICA-/141458874449?ssPageName=ADME:B:SS:CA:3160

9875. Re: [AWA Group] Radio Row podcast & video

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-04 20:35:46 UTC
From: Michael A. Bittner
Topic: 9860 Message: 9875
Attachments: 1 described; binary payloads are missing from this source WARC

Maybe David Sarnoff?

--
----- Original Message -----
From: Louis Vermond ldvermond@... [AWAGroup]
To: AWAGroup
Sent: Tuesday, November 04, 2014 9:26 AM
Subject: [AWA Group] Radio Row podcast & video

Here's a neat ~17 minute podcast on Radio Row in NYC, but you need to
suffer through the first few minutes of intro/commercial. There is also
a 1929 video (with audio) of Radio Row on the page that is 2-3 minutes long.

http://www.radiodiaries.org/new-podcast-radio-row/

73, -Larry/NE1S

Many thanks, Larry. A wonderful site. 73, Lou

Look a the pile of tubes in the window! :0(

Is that Edward G. Robinson?

9876. Getting ready for the Kelly 3 . . . In the Beginning

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-04 23:38:30 UTC
From: Louis Vermond
Topic: 9876 Message: 9876
Attachments: 4 described; binary payloads are missing from this source WARC

OTB March, 1983

June, 1983

December, 1983

March, 1984

9877. Re: [AWA Group] Getting ready for the Kelly 3 . . . In the Beginning

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-05 00:04:29 UTC
From: Steve
Topic: 9876 Message: 9877

ve3bdv's rebel behaviour noted...

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

9878. Re: [AWA Group] Getting ready for the Kelly 3 . . . In the Beginning

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-05 00:16:18 UTC
From: Louis Vermond
Topic: 9876 Message: 9878

ve3bdv's rebel behaviour noted...

Was gg to say sumpin abt tt, but didn't in hopes it wud be missed. Tks Good Buddy....

9879. Getting ready for the Kelly 4 . . . The dope

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-05 00:42:42 UTC
From: Louis Vermond
Topic: 9879 Message: 9879

The 2014 Bruce Kelley 1929 QSO Party and W2ICE Special Event Station
The Bruce Kelly 1929 QSO Party is a yearly AWA sponsored event where participants build their own transmitters using the designs, techniques, and tubes that were available in 1929 and earlier, and then put those classic transmitters on the air and try to contact as many other 1929 stations as possible. Since they use early designs, it is a cacophony of whooping, chirping, buzzing, clicking, drifting, swishing, swaying, warbling, and other interesting signals. This is what ham radio sounded like in 1929 and for two weekends in December its 1929 again on the ham bands.

This year for the first time we are activating Bruce Kelley's W2ICE call sign as a 1929 SPECIAL EVENT STATION! W2ICE hasn't been heard on the 1929 QSO Party since Bruce's passing so this will be a real treat to hear and work the namesake station of this event! A special event QSL card will be available for valid contacts with W2ICE. QSL information will be posted on the AWA website. W2ICE is operating as a 1929 station and contacts count just like any other station. The 1929 QSO Party was started in the early 1990's and championed for many years by Bruce Kelly W2ICE, an AWA co-founder. Prior to Bruce's passing, he asked his close friend John Rollins W1FPZ to keep the 29 QSO Party going. John Rollins managed the QSO party for many years and renamed it the Bruce Kelly 1929 QSO Party in honor of Bruce. Ten years ago John Rollins asked me to manage the 29 QSO Party for him and Bruce, and to keep the event alive because it meant so much to both of them.

Dates: Sat. Dec. 6, 2014 @ 2300 GMT to Sun. Dec. 7, 2014 @ 2300 GMT and Sat. Dec. 13, 2014 @ 2300 GMT to Sun. Dec. 14, 2014 @ 2300 GMT

Objective: Contact as many 1929 stations as possible. Contact exchange consists of RST, Name, QTH (State such as ME or MN or NY), last two digits of the year of the transmitters design or publication (such as 29 or 27 or 23), type of transmitter (such as TNT or TGTP or MOPA or COLPITTS), and power input (such as 6W or 9W).

Rules: Transmitters must be 1929 or earlier types of self oscillators such as the Hartley, TNT, PP tuned grid tuned plate, MOPA, Colpitts, etc. No crystal oscillators. Tubes must have been available during or before 1929. Typical tubes often used are type 10, 45, 27, 211, 71A. Individual stations can be worked only once on each band over the course of two weekends. You can use any vintage or modern receiver that you wish. The event is open to all 1929 stations including non-AWA members and AWA members. You are encouraged to join the AWA and support 1929 radio!

Input Power: Transmitters are limited to a power INPUT of 10 watts or less. However, to help make East-West contacts, power may be increased to 20 watts INPUT between the hours of 0500Z (12 Midnight EST) and 1300Z (8 AM EST). Note this is INPUT power. Power input is calculated by multiplying PA plate voltage x total PA plate current. Example: my plate voltage is 300 volts dc, and plate current is 30 ma, so total input power is 300 x 0.030 = 9 watts input. Stations running more power than this are considered "modern" for this event and do not count.

Frequencies: The QSO Party typically operates between 1800 to 1810 Kcs, 3550 to 3580 Kcs , 7100 to 7125 Kcs, plus or minus depending on QRM. 40 meter activity is up significantly because it offers both night time AND daytime propagation! So when 80 shuts down Sunday morning, I hope to see you on 40m.

9880. Re: [AWA Group] Getting ready for the Kelly 3 . . . In the Beginning

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-05 11:25:58 UTC
From: Larry Szendrei
Topic: 9876 Message: 9880

On 11/4/14 7:16 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> ve3bdv's rebel behaviour noted...
> Was gg to say sumpin abt tt, but didn't in hopes it wud be missed. Tks
> Good Buddy....
> .
>
>
I must be missing something. Private joke?

9881. Oh no! BUG's back!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-05 11:58:12 UTC
From: N1BUG
Topic: 9881 Message: 9881

I propose we change the rules of the BK. Let's make sending Bruce Kelley's last name part of the QSO exchange. Only those who properly spell it may receive credit for the QSO. ;-) Sorry, I couldn't resist.

I was away from radio for a while. I'm back and hoping to make an appearance in December. Barring a storm like the one we got November 2 that is. No power for 24 hours (many are still without) and significant antenna damage.

Bugsy

9882. [AWA Group] Oh no! BUG's back!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-05 12:36:31 UTC
From: Louis Vermond
Topic: 9881 Message: 9882

. . . and it's about time to!

I propose we change the rules of the BK. Let's make sending Bruce Kelley's last name part of the QSO exchange. Only those who properly spell it may receive credit for the QSO. ;-) FO...Sorry, I couldn't resist.

I was away from radio for a while. I'm back and hoping to make an appearance in December. Yes, much too long.

Barring a storm like the one we got November 2 that is. No power for 24 hours (many are still without) and
significant antenna damage. Hadn't hrd about that. Wind and rain or wind and snow?

Lou

9883. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-05 12:40:45 UTC
From: Louis Vermond
Topic: 130 Message: 9883

Fifty Years of A.R.R.L American Ham Amateur Radio Relay League

http://www.ebay.com/itm/Fifty-Years-of-A-R-R-L-American-Ham-Amateur-Radio-Relay-League-QST-Magazine-/291286708617?ssPageName=ADME:SS:SS:US:3160

9884. Getting ready for the Kelleeeey.... In the Beginning

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-05 12:52:28 UTC
From: Louis Vermond
Topic: 9884 Message: 9884
Attachments: 1 described; binary payloads are missing from this source WARC

GM Larry,

ve3bdv's rebel behaviour noted...

Was gg to say sumpin abt tt, but didn't in hopes it wud be missed. Tks Good Buddy....

I must be missing something. Private joke?

To my dieing shame...

VE3BDV... "worked but no log."
See bottom of scan.

9885. Re: [AWA Group] Oh no! BUG's back!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-05 13:13:07 UTC
From: Larry Szendrei
Topic: 9881 Message: 9885

On 11/5/14 6:58 AM, N1BUG paul@... [AWAGroup] wrote:
>
>
> I was away from radio for a while. I'm back and hoping to make an
> appearance in December. Barring a storm like the one we got November
> 2 that is. No power for 24 hours (many are still without) and
> significant antenna damage.
>
> Bugsy
>
> ___
Welcome back, Paul!

9886. Re: [AWA Group] Getting ready for the Kelleeeey.... In the Beginning

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-05 13:15:30 UTC
From: Larry Szendrei
Topic: 9884 Message: 9886
Attachments: 1 described; binary payloads are missing from this source WARC

Oh, OK.

Is VE3BDV still active in the BK, and/or a member of this esteemed list?

On 11/5/14 7:52 AM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> To my dieing shame...
> VE3BDV... "worked but no log."
> See bottom of scan.
>

9887. Re: [AWA Group] Getting ready for the Kelleeeey.... In the Beginning

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-05 13:51:21 UTC
From: Louis Vermond
Topic: 9884 Message: 9887

Is VE3BDV still active in the BK, and/or a member of this esteemed list?

Yes.

73, VE3BDV / VE3AWA

9888. Re: [AWA Group] Getting ready for the Kelleeeey.... In the Beginning

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-05 13:53:28 UTC
From: Larry Szendrei
Topic: 9884 Message: 9888

On 11/5/14 8:51 AM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> Is VE3BDV still active in the BK, and/or a member of this esteemed list?
>
> Yes.
>
> 73, VE3BDV / VE3AWA
>
Aha!
>
>

9889. Getting Ready for the Kelley Party #4... On the Windom antenna ... A Doctoral Thesis

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-05 23:00:13 UTC
From: Louis Vermond
Topic: 9889 Message: 9889
Attachments: 1 described; binary payloads are missing from this source WARC

With thanks, KK7UV

Here you go, Bill K4JYS

9890. Re: [AWA Group] Getting ready for the Kelly 3 . . . In the Beginning

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-06 16:08:35 UTC
From: Roger Kuchera
Topic: 9876 Message: 9890

Gentlemen,
I am not a participant in the Kelley venue but I would like to take issue with one of the rules, to wit: "must use a handkey." In view that most SEOs are keyed in the center-tap, I would question the safety of not using a relay. Surely, we could err to the side of safety. Just a thought.

Roger/K1TG

On Wednesday, November 5, 2014 6:33 AM, "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

On 11/4/14 7:16 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:

>
>ve3bdv's rebel behaviour noted...
>
>Was gg to say sumpin abt tt, but didn't in hopes it wud be missed. Tks Good Buddy....
>
> .

I must be missing something. Private joke?

9891. Re: [AWA Group] Radio Row podcast & video

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-06 16:31:44 UTC
From: Roger Kuchera
Topic: 9860 Message: 9891
Attachments: 1 described; binary payloads are missing from this source WARC

Nah! It's Rico without his Chicago piano.

R.

On Tuesday, November 4, 2014 3:35 PM, "'Michael A. Bittner' mmab@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Maybe David Sarnoff?

--
----- Original Message -----
>From: mailto:ldvermond@...%20[AWAGroup]
>To: AWAGroup
>Sent: Tuesday, November 04, 2014 9:26 AM
>Subject: [AWA Group] Radio Row podcast & video
>
>
>Here's a neat ~17 minute podcast on Radio Row in NYC, but you need to
>suffer through the first few minutes of intro/commercial.
There is also
>a 1929 video (with audio) of Radio Row on the page that is
2-3 minutes long.
>
>http://www.radiodiaries.org/new-podcast-radio-row/
>
>73,
-Larry/NE1S
>Many thanks, Larry. A wonderful site. 73, Lou
>
>Look a the pile of tubes in the window! :0(
>
>Is that Edward G. Robinson?
>
>
>

9892. Re: [AWA Group] Getting ready for the Kelly 3 . . . In the Beginning

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-06 16:34:32 UTC
From: Niel - W0VLZ
Topic: 9876 Message: 9892

Roger,

I, for one, can no longer handle a straight key for contesting or long QSOs. Fortunately the straight key restriction is not in the latest set of BK rules posted at http://www.antiquewireless.org/awa-on-the-air.html . I'll probably switch off between straight key and keyer throughout the BK.

73,
Niel - W0VLZ
http://w0vlz.blogspot.com/

Roger Kuchera rwkuchera@... [AWAGroup] wrote:
> Gentlemen,
> I am not a participant in the Kelley venue but I would like to
> take issue with one of
> the rules, to wit: "must use a handkey." In view that most SEOs are
> keyed in the
> ce! nter-tap, I would question the safety of not using a relay.
> Surely, we could err to
> the side of safety. Just a thought.
>
> Roger/K1TG
>
>
> On Wednesday, November 5, 2014 6:33 AM, "Larry Szendrei
> ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:
>
>
>
>
>
> On 11/4/14 7:16 PM, Louis Vermond ldvermond@...
> <mailto:ldvermond@...> [AWAGroup] wrote:
>> ve3bdv's rebel behaviour noted...
>> Was gg to say sumpin abt tt, but didn't in hopes it wud be missed.
>> Tks Good Buddy....
>> .
>
> I must be missing something. Private joke?
>
>
>
>
>
>

9893. Re: [AWA Group] Radio Row podcast & video [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-06 17:07:33 UTC
From: Louis Vermond
Topic: 9893 Message: 9893
Attachments: 1 described; binary payloads are missing from this source WARC

R

Nico I get, but not the Chicgo piano. It's bn awhile... L

Is that Edward G. Robinson?

9894. Re: [AWA Group] Radio Row podcast & video

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-06 18:08:28 UTC
From: Leonard Meek
Topic: 9860 Message: 9894
Attachments: 1 described; binary payloads are missing from this source WARC

I think the Chicago Pianos were made by Thompson.
----- Original Message -----
From: Louis Vermond ldvermond@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Thursday, November 06, 2014 7:07 AM
Subject: Re: [AWA Group] Radio Row podcast & video

□

R

Nico I get, but not the Chicgo piano. It's bn awhile... L

Is that Edward G. Robinson?

9895. Re: [AWA Group] Radio Row podcast & video

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-06 23:31:14 UTC
From: Roger Kuchera
Topic: 9860 Message: 9895
Attachments: 1 described; binary payloads are missing from this source WARC

Yes, that guy on the left bears a striking resemblance to Edward G. Robinson (aka Rico in the talkie "Little Caesar"). The Federal Government refers to anti-racketeering laws as The RICO statutes.

Indeed the "Chopper" cum "Chicago Piano" was a product of the Thompson Co. It's Army designation was the M1928(A1).

All you ever wanted to know but were afraid to ask! :) :)

Roger.

On Thursday, November 6, 2014 1:09 PM, "'Leonard Meek' lemeek@hawaiiantel.net [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

□

I think the Chicago Pianos were made by Thompson.
----- Original Message -----
>From: mailto:ldvermond@...%20[AWAGroup]
>To: AWAGroup@yahoogroups.com
>Sent: Thursday, November 06, 2014 7:07 AM
>Subject: Re: [AWA Group] Radio Row podcast & video
>
>□
>R
>
>Nico I get, but not the Chicgo piano. It's bn awhile... L
>
>Is that Edward G. Robinson?
>
>>
>>
>>
>>

9896. Re: " Eddy said he probably won't be participating again this year."

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-07 11:59:04 UTC
From: Eddy Swynar
Topic: 9896 Message: 9896

On 2014-11-05, at 8:03 AM, Louis Vermond wrote:

> What?!

Hi Lou,

Looks that way, I'm afraid...!

Just no desire here at all to re-string my all-band dipole, which was a casualty of last December's ice storm that we experienced here. The pain in my legs---and now, my back---forces me to have to sit down after just 10 minutes of even the lightest of physical exertion.

I went for an MRI last Monday, & see a back specialist in a coupla weeks, to see about a possible pinched nerve condition in my lower spine. I sure do hope that it's "repairable" as it's making things that I used to love passionately---like tending to my antenna farm---a real unpleasant challenge anymore...

I have come to appreciate that old saying more & more with each passing day of, "Even a millionaire has nothing, without his health."

~73~ de Eddy VE3CUI - VE3XZ

9897. Re: [AWA Group] Re: " Eddy said he probably won't be participating again this year."

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-07 15:56:25 UTC
From: Doug Forbes
Topic: 9896 Message: 9897

Sure sorry to hear that Eddy.

I am sure they'll find the cause and you'll be back at it soon.

Doug WA6VYN

>

9898. Re: Getting ready for the Kelly 3 . . . In the Beginning

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-07 16:26:15 UTC
From: JAMES HANLON
Topic: 9876 Message: 9898

Roger,

Just key the relay with your straight key. You might want to put a diode across the relay coil if it's a DC relay, reverse biased when the relay is energized, to adsorb the inductive kick when the key opens. Otherwise you will have a HV spike across the key anyway.

73,

Jim, W8KGI

Sent from my iPhone

9899. Neat

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-08 00:31:09 UTC
From: Louis Vermond
Topic: 9899 Message: 9899

http://www.ebay.co.uk/sch/tgs1950/m.html?item=251708489725&hash=item3a9afebffd&pt=UK_Collectables_RadioTelevision_Telephony_SM&rt=nc&_trksid=p2047675.l2562

9900. Re: [AWA Group] Re: Getting ready for the Kelly 3 . . . In the Beginning

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-08 12:48:46 UTC
From: Larry Szendrei
Topic: 9876 Message: 9900

On 11/7/14 11:26 AM, JAMES HANLON knjhanlon@... [AWAGroup] wrote:
>
> Roger,
>
> Just key the relay with your straight key. You might want to put a
> diode across the relay coil if it's a DC relay, reverse biased when
> the relay is energized, to adsorb the inductive kick when the key
> opens. Otherwise you will have a HV spike across the key anyway.
>
> 73,
>
> Jim, W8KGI
> .
>
>
>
Also, if the rig is cathode-keyed (as opposed to negative-lead keying) the voltage across the open key is limited to the cut-off bias voltage for the tube at the particular plate (& screen grid, if it's got one) voltage applied. Note that for tetrodes where the screen-voltage is derived through a dropping resistor from the plate supply (causing the key-up voltage on the screen grid to equal the plate supply voltage, since no current is drawn by the screen with key-up), or for low-mu triodes (commonly used in 1929 rigs), the voltage across the open key can still be high enough to be dangerous.

Negative-lead keying potentially (pun intended) puts the entire plate supply voltage across the key,

The difference is where the grid circuit return is connected. If it's grounded at all times - i.e., connected to the power supply negative lead at all times - it's cathode-keyed. If the grid circuit is returned drectly through the cathode, so that the grid floats on key-up, it's negative lead keying.

I've used cathode keying for all my old-time transmitters and have never been bit; I've weighed the risk and it's one I'm willing to take. YMMV.

73,
-Larry/NE1S

9901. Re: [AWA Group] Re: Getting ready for the Kelly 3 . . . In the Beginning

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-08 13:28:48 UTC
From: Roger Kuchera
Topic: 9876 Message: 9901

Gentlemen,
I was trying to make a point re: the rules. Putting to fine a point on things makes them a bit burdensome and who would check anyway(?). Safety first!!

Roger/K1TG

On Saturday, November 8, 2014 7:48 AM, "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

On 11/7/14 11:26 AM, JAMES HANLON knjhanlon@... [AWAGroup] wrote:

>Roger,
>
>Just key the relay with your straight key. You might want
to put a diode across the relay coil if it's a DC relay,
reverse biased when the relay is energized, to adsorb the
inductive kick when the key opens. Otherwise you will have
a HV spike across the key anyway.
>
>73,
>
>Jim, W8KGI
>.

Also, if the rig is cathode-keyed (as opposed to negative-lead keying) the voltage across the open key is limited to the cut-off bias voltage for the tube at the particular plate (& screen grid, if it's got one) voltage applied. Note that for tetrodes where the screen-voltage is derived through a dropping resistor from the plate supply (causing the key-up voltage on the screen grid to equal the plate supply voltage, since no current is drawn by the screen with key-up), or for low-mu triodes (commonly used in 1929 rigs), the voltage across the open key can still be high enough to be dangerous.

Negative-lead keying potentially (pun intended) puts the entire
plate supply voltage across the key,

The difference is where the grid circuit return is connected. If
it's grounded at all times - i.e., connected to the power supply
negative lead at all times - it's cathode-keyed. If the grid circuit
is returned drectly through the cathode, so that the grid floats on
key-up, it's negative lead keying.

I've used cathode keying for all my old-time transmitters and have
never been bit; I've weighed the risk and it's one I'm willing to
take. YMMV.

73,
-Larry/NE1S

9902. Marconi Telegraph Key

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-08 20:51:38 UTC
From: Mike Feher
Topic: 9902 Message: 9902
Attachments: 1 described; binary payloads are missing from this source WARC

A few weeks ago I bought a very rare Marconi key on eBay. This is the link:

http://www.ebay.com/itm/141450857712

I am in the process of cleaning it up. Unfortunately the main lever is bent sideways. I have no idea how that could have happened as it is slightly over 1/2 inches wide and 3/8 inches thick. Regardless, I would like to attempt to bend it back, but, could use some suggestions. I do not want to heat it as that will discolor the brass. I am going to try to take it out of the frame so all I have is the bar, and then I can either use a soft but heavy mallet on a rubber pad so it will not get nicks, or, the other thing I thought of was to wrap it in thick rubber or leather, and then put it in a very large wise. Suggestions are welcome. Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

9903. Re: [AWA Group] Marconi Telegraph Key [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-08 23:58:44 UTC
From: Roger Kuchera
Topic: 9902 Message: 9903

Hi Mike,
How about a very large vise but use 2 slats of soft pine to compress the armature?

Roger/K1TG

On Saturday, November 8, 2014 3:51 PM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

A few weeks ago I bought a very rare Marconi key on eBay. This is the link:

http://www.ebay.com/itm/141450857712

I am in the process of cleaning it up. Unfortunately the main lever is bent sideways. I have no idea how that could have happened as it is slightly over 1/2 inches wide and 3/8 inches thick. Regardless, I would like to attempt to bend it back, but, could use some suggestions. I do not want to heat it as that will discolor the brass. I am going to try to take it out of the frame so all I have is the bar, and then I can either use a soft but heavy mallet on a rubber pad so it will not get nicks, or, the other thing I thought of was to wrap it in thick rubber or leather, and then put it in a very large wise. Suggestions are welcome. Thanks & 73 – Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

9904. RE: [AWA Group] Marconi Telegraph Key [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-09 00:20:08 UTC
From: barry whittemore
Topic: 9902 Message: 9904

wow, you really wanted it. Its cool but thats out of my range. good luck straightening it.
barry
NF1O

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Sat, 8 Nov 2014 15:51:38 -0500
Subject: [AWA Group] Marconi Telegraph Key [1 Attachment]

A few weeks ago I bought a very rare Marconi key on eBay. This is the link: http://www.ebay.com/itm/141450857712 I am in the process of cleaning it up. Unfortunately the main lever is bent sideways. I have no idea how that could have happened as it is slightly over 1/2 inches wide and 3/8 inches thick. Regardless, I would like to attempt to bend it back, but, could use some suggestions. I do not want to heat it as that will discolor the brass. I am going to try to take it out of the frame so all I have is the bar, and then I can either use a soft but heavy mallet on a rubber pad so it will not get nicks, or, the other thing I thought of was to wrap it in thick rubber or leather, and then put it in a very large wise. Suggestions are welcome. Thanks & 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960

9905. RE: [AWA Group] Marconi Telegraph Key

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-09 02:55:09 UTC
From: Mike Feher
Topic: 9902 Message: 9905

Thanks Roger. Wood is also a great idea for the wise. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, November 08, 2014 6:59 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Marconi Telegraph Key

Hi Mike,

How about a very large vise but use 2 slats of soft pine to compress the

armature?

Roger/K1TG

On Saturday, November 8, 2014 3:51 PM, "'Mike Feher' n4fs@eozinc.com [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

A few weeks ago I bought a very rare Marconi key on eBay. This is the link:

http://www.ebay.com/itm/141450857712

I am in the process of cleaning it up. Unfortunately the main lever is bent sideways. I have no idea how that could have happened as it is slightly over 1/2 inches wide and 3/8 inches thick. Regardless, I would like to attempt to bend it back, but, could use some suggestions. I do not want to heat it as that will discolor the brass. I am going to try to take it out of the frame so all I have is the bar, and then I can either use a soft but heavy mallet on a rubber pad so it will not get nicks, or, the other thing I thought of was to wrap it in thick rubber or leather, and then put it in a very large wise. Suggestions are welcome. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

9906. Re: [AWA Group] Marconi Telegraph Key

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-09 03:53:15 UTC
From: Louis Vermond
Topic: 9902 Message: 9906

Wood is good, but I've found pine too soft for that job. Try soft maple that has been pained down VERY flat and smooth. If the length ends of the two slats do not extend beyond the armature length, round and sand the end edges of the wood to avoid marking the bass.

Mike, I saw that crack and got jittery. Maybe just leave it alone and call the bend part of it's story.

GN, Lou

Thanks Roger. Wood is also a great idea for the wise. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, November 08, 2014 6:59 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Marconi Telegraph Key

Hi Mike,

How about a very large vise but use 2 slats of soft pine to compress the

armature?

Roger/K1TG

On Saturday, November 8, 2014 3:51 PM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

A few weeks ago I bought a very rare Marconi key on eBay. This is the link:

http://www.ebay.com/itm/141450857712

I am in the process of cleaning it up. Unfortunately the main lever is bent sideways. I have no idea how that could have happened as it is slightly over 1/2 inches wide and 3/8 inches thick. Regardless, I would like to attempt to bend it back, but, could use some suggestions. I do not want to heat it as that will discolor the brass. I am going to try to take it out of the frame so all I have is the bar, and then I can either use a soft but heavy mallet on a rubber pad so it will not get nicks, or, the other thing I thought of was to wrap it in thick rubber or leather, and then put it in a very large wise. Suggestions are welcome. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

9907. RE: [AWA Group] Marconi Telegraph Key

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-09 04:05:16 UTC
From: Mike Feher
Topic: 9902 Message: 9907

Lou –

I agree, pine may be too soft, but, using wood is a good idea. Especially now since I did a little more work on it. I was able to remove the long pin through the lever, however, the two pieces on each side of the lever, which I thought were just washers, are part of the lever. So, I will have to drill a hole into each piece of wood to accommodate the side pieces. I think I will need at least ¾ inch wood pieces on each side. I believe it will work if the wood is hard enough, as the lever is massive, but, so is my large wise, HI. I feel pretty confident that it will turn out OK. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, November 08, 2014 10:53 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Marconi Telegraph Key

☐

Wood is good, but I've found pine too soft for that job. Try soft maple that has been pained down VERY flat and smooth. If the length ends of the two slats do not extend beyond the armature length, round and sand the end edges of the wood to avoid marking the bass.

Mike, I saw that crack and got jittery. Maybe just leave it alone and call the bend part of it's story.

GN, Lou

Thanks Roger. Wood is also a great idea for the wise. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, November 08, 2014 6:59 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Marconi Telegraph Key

Hi Mike,

How about a very large vise but use 2 slats of soft pine to compress the

armature?

Roger/K1TG

On Saturday, November 8, 2014 3:51 PM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

A few weeks ago I bought a very rare Marconi key on eBay. This is the link:

http://www.ebay.com/itm/141450857712

I am in the process of cleaning it up. Unfortunately the main lever is bent sideways. I have no idea how that could have happened as it is slightly over 1/2 inches wide and 3/8 inches thick. Regardless, I would like to attempt to bend it back, but, could use some suggestions. I do not want to heat it as that will discolor the brass. I am going to try to take it out of the frame so all I have is the bar, and then I can either use a soft but heavy mallet on a rubber pad so it will not get nicks, or, the other thing I thought of was to wrap it in thick rubber or leather, and then put it in a very large wise. Suggestions are welcome. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

9908. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-09 11:47:25 UTC
From: Louis Vermond
Topic: 130 Message: 9908

How's this for making do with what you've got . . .

http://www.ebay.com/itm/Antique-Jewell-Milliamperes-No-88-Gauge-/171535379464?ssPageName=ADME:SS:SS:US:3160

9909. Re: [AWA Group] Re: Getting ready for the Kelly 3 . . . In the Beginning

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-09 12:21:46 UTC
From: Larry Szendrei
Topic: 9876 Message: 9909

On 11/8/14 8:28 AM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:
> Gentlemen,
> I was trying to make a point re: the rules.

Which is?

> Putting to fine a point on things makes them
> a bit burdensome and who would check anyway(?).

I don't get this. I think it's important to understand one's equipment and the risks involved, so that one can make an informed decision.

> Safety first!!

If we take this literally, we would have all our 1929 rigs totally enclosed in grounded metal cabinets, and live in a protective bubble. "Safety first" is more like an empty slogan used by politicians. There is a cost to everything, and, more often than not, engineering is an art of compromise.

73,
-Larry/NE1S

9910. Re: [AWA Group] Re: Getting ready for the Kelly 3 . . . In the Beginning

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-09 18:02:34 UTC
From: Leonard Meek
Topic: 9876 Message: 9910

Imagine where we would be today if "Safety First" was the law of the land 100 years ago.

Leonard
----- Original Message -----
From: Larry Szendrei ne1s@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Sunday, November 09, 2014 2:21 AM
Subject: Re: [AWA Group] Re: Getting ready for the Kelly 3 . . . In the Beginning

On 11/8/14 8:28 AM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:

Gentlemen,
I was trying to make a point re: the rules.

Which is?

Putting to fine a point on things makes them
a bit burdensome and who would check anyway(?).

I don't get this. I think it's important to understand one's equipment and the risks involved, so that one can make an informed decision.

Safety first!!

If we take this literally, we would have all our 1929 rigs totally enclosed in grounded metal cabinets, and live in a protective bubble. "Safety first" is more like an empty slogan used by politicians. There is a cost to everything, and, more often than not, engineering is an art of compromise.

73,
-Larry/NE1S

9911. AJ0EL -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-09 18:43:50 UTC
From: Mike Feher
Topic: 9911 Message: 9911

Please welcome Joel to the group. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

9912. Re: AJ0EL -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-09 20:16:13 UTC
From: kk7uv@...
Topic: 9911 Message: 9912

Welcome to the group Joel!

9913. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-09 20:34:52 UTC
From: K3PID
Topic: 130 Message: 9913

Interesting! Look at the image that I think is trying to show the width? It appears to start at 7/8” and end at 3-1/8” which makes it 3-1/4” wide... why wouldn’t you line up the tape with an even number like zero or 1”??? Just curious...

Ron K3PID

ALSO: Welcome Joel!! A great group!!

From: mailto:AWAGroup@yahoogroups.com
Sent: Sunday, November 09, 2014 5:47 AM
To: AWAGroup
Subject: [AWA Group] eBay Alert

How's this for making do with what you've got . . .

http://www.ebay.com/itm/Antique-Jewell-Milliamperes-No-88-Gauge-/171535379464?ssPageName=ADME:SS:SS:US:3160

9914. Re: [AWA Group] AJ0EL -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-09 22:26:24 UTC
From: Roger Kuchera
Topic: 9911 Message: 9914

Howdy Joel,
Welcome aboard!

Roger/K1TG

On Sunday, November 9, 2014 1:44 PM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Please welcome Joel to the group. 73 – Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

9915. Re: AJ0EL - Thanks

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-10 23:08:27 UTC
From: Joel Myers
Topic: 9915 Message: 9915

Thank all you guys for the welcome!

I usually just read what others are up to and do not interject to much unless I know what I am talking about, which is rarely.

Hope to learn a lot and contribute a little.

Thanks

AJ0EL

9916. Dial Lamp Wanted

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-11 00:52:29 UTC
From: Louis Vermond
Topic: 9916 Message: 9916

Hi,

I'm looking for #48 (pink bead) screw base dial lamps.

Tks, Lou

9917. Getting ready for the Kelly 6 ..The UV-202 Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-13 00:48:09 UTC
From: Louis Vermond
Topic: 9917 Message: 9917
Attachments: 4 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

9918. Matching receiver for my one tuber

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-13 03:16:02 UTC
From: dulmagedon@...
Topic: 9918 Message: 9918

I have been working on a matching receiver to go with my last one tube wonder phone transmitter. It will use two tubes , 6V6, and will be a regen. Tis a free build based on typical circuits from back in the day. I am looking to give it a look that will make it look like a twin.
don

9919. Re: [AWA Group] Matching receiver for my one tuber

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-13 12:28:37 UTC
From: Larry Szendrei
Topic: 9918 Message: 9919

On 11/12/14 10:16 PM, dulmagedon@... [AWAGroup] wrote:
>
> I have been working on a matching receiver to go with my last one tube
> wonder phone transmitter. It will use two tubes , 6V6, and will be a
> regen. Tis a free build based on typical circuits from back in the
> day. I am looking to give it a look that will make it look like a twin.
>
> don
>
>
Sounds like a fun project, Don. There was a good-performing regen which
was an ARRL design from, I think, the 1960s which used a pair of 6AQ5s.
The 6AQ5 is simply a miniature version of the 6V6.

It was good to catch you on 40M AM yesterday.

73,
-Larry/NE1S

9920. Re: [AWA Group] Matching receiver for my one tuber

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-13 19:20:55 UTC
From: dulmagedon@...
Topic: 9918 Message: 9920

Good then the idea is not crazy. It is going quite well. I do about 2 section of the circuit per day and then quit. Rf section is almost done.
Meanwhile I keep my 1 tuber Tx at the ready in case the 40M band blows open.
Nice chat yesterday. thanks.
don

9921. Getting Ready for the Kelley . . . 7 Info pse

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-14 16:53:05 UTC
From: Louis Vermond
Topic: 9921 Message: 9921

Situation:

Winding tank coil

80 mtrs
10W max.
#12 enamelled
3" dia. form
360 mmfd. shunt variable

It is customary to space the winding turns the diameter of the wire. With above in mind, is any spacing really necessary? If so, why and suggested minimum spacing required, please.

Tks, Lou

9922. Re: [AWA Group] Getting Ready for the Kelley . . . 7 Info pse

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-14 18:00:57 UTC
From: Niel - W0VLZ
Topic: 9921 Message: 9922

Lou,

What sort of circuit? I've never tried it but I would think close spaced with be OK for a TNT or TPTG. A Hartley will need spacing to allow some sort of movable clip. Other than that, the capacitance/inductance tank combo needs to be resonant at the low end of 80 at close to maximum capacitance.

August and September 1928 QST recomendation is for copper tubing for mechanical stability and to allow high current w/o losses. Why the enameled wire?

73,
Niel - W0VLZ

Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> Situation:
> _Winding tank coil_
> 80 mtrs
> 10W max.
> #12 enamelled
> 3" dia. form
> 360 mmfd. shunt variable
> It is customary to space the winding turns the diameter of the wire.
> With above in mind, is any spacing really necessary? If so, why and
> suggested minimum spacing required, please.
> Tks, Lou
>

9923. Hartley Drift?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-14 18:19:28 UTC
From: Niel - W0VLZ
Topic: 9923 Message: 9923

I've been playing with my Hull Hartley (http://w0vlz.blogspot.com/search/label/1928%20Hartley) on 40 to get ready for the December BK. I've had noticeable (by 2014 standards) drift during a transmit cycle. Tube warmup while calling CQ will cause my signal to drift a couple 100 cycles. It drifts back/cools off while receiving and then drifts all over again during the next CQ. This is even while running my '10 at just 6 watts input.

Any similar experiences out there?

Any solution other than keep it short?

73,
Niel - W0VLZ

9924. Re: [AWA Group] Hartley Drift?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-14 18:29:54 UTC
From: Garey Barrell
Topic: 9923 Message: 9924

Niel -

A fan??

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Niel - W0VLZ w0vlz@... [AWAGroup] wrote:
> I've been playing with my Hull Hartley (
> http://w0vlz.blogspot.com/search/label/1928%20Hartley) on 40 to get
> ready for the December BK. I've had noticeable (by 2014 standards) drift
> during a transmit cycle. Tube warmup while calling CQ will cause my
> signal to drift a couple 100 cycles. It drifts back/cools off while
> receiving and then drifts all over again during the next CQ. This is
> even while running my '10 at just 6 watts input.
>
> Any similar experiences out there?
>
> Any solution other than keep it short?
>
> 73,
> Niel - W0VLZ
>
>

9925. Re: [AWA Group] Hartley Drift?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-14 19:47:45 UTC
From: Larry Szendrei
Topic: 9923 Message: 9925

On 11/14/14 1:19 PM, Niel - W0VLZ w0vlz@... [AWAGroup] wrote:
>
> I've been playing with my Hull Hartley (
> http://w0vlz.blogspot.com/search/label/1928%20Hartley) on 40 to get
> ready for the December BK. I've had noticeable (by 2014 standards) drift
> during a transmit cycle. Tube warmup while calling CQ will cause my
> signal to drift a couple 100 cycles. It drifts back/cools off while
> receiving and then drifts all over again during the next CQ. This is
> even while running my '10 at just 6 watts input.
>
> Any similar experiences out there?
>
Yep - my PPTNT using 71As at about 7 or 8W input does the same thing on
40M, but drift is hardly noticeable on 80M.
>
>
> Any solution other than keep it short?
>
That's been my solution!

73,
-Larry/NE1S

9926. Re: [AWA Group] Hartley Drift?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-14 19:52:10 UTC
From: Louis Vermond
Topic: 9923 Message: 9926

Any solution other than keep it short? VRY LOL...

Fan might work for a '01A, but not '10.

Get a gal. pickling crock. Fill within 2" of rim with mineral oil. Immerse '10 in oil. Place pot on block of ice. Works every time. Keeps beer cold too...

73,
Lou - VE3AWA

9927. Re: [AWA Group] Getting Ready for the Kelley . . . 7 Info pse

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-14 19:53:37 UTC
From: Larry Szendrei
Topic: 9921 Message: 9927

On 11/14/14 11:53 AM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> Situation:
> _Winding tank coil_
> 80 mtrs
> 10W max.
> #12 enamelled
> 3" dia. form
> 360 mmfd. shunt variable
> It is customary to space the winding turns the diameter of the wire.
> With above in mind, is any spacing really necessary? If so, why and
> suggested minimum spacing required, please.
>
Like Neil said, if you need to tap the coil (as is necessary with a Hartley, or if you are tapping the coil for the antenna feed) it will need to be spaced. Otherwise, I think at these power levels you could get by with a close-wound coil as long as the integrity of the enamel or other insulation is good. However, you may find that to achieve the same resonant frequency you will to use less breadslicer capacitance because of the added turn-to-turn capacitance.

73,
-Larry/NE1S

9928. Re: [AWA Group] Hartley Drift?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-14 19:53:46 UTC
From: N1BUG
Topic: 9923 Message: 9928

> on 40
> a couple 100 cycles.

That's nothing! Try a TNT on 20 meters...

73,
Paul N1BUG
(Bugsy)

9929. Re: [AWA Group] Hartley Drift?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-14 21:26:43 UTC
From: dulmagedon@...
Topic: 9923 Message: 9929

I have a colpitts on 40m and it isnt too bad relatively. I use it AM too. Lou has heard it. It is a 45 tube.
I have a Hartley as well but haven't really checked it. I might do that tonite as it is right near me now. It isn't BK friendly though being a 6l6.
don

9930. Re: [AWA Group] Hartley Drift?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-14 21:57:37 UTC
From: STEVE MCDONALD
Topic: 9923 Message: 9930

Neil - I think there is a similarity between the tap point on the Hartley's main tank and finding the correct inductance in the TNT grid coil. If the TNT grid inductance is off by even a couple of turns, the plate current increases several ma. but the output power does not...leading to increased plate dissipation (more internal tube heating) and consequent short-term drift. If the grid coil is optimized, the short term drift pretty much vanishes.

I've noticed on my own HH that even a quarter turn difference in the tap point (especially on 40m) can make measurable changes so if you haven't already tried some small changes in the tap, you may want to look at that.

Steve / VE7SL

9931. Re: [AWA Group] Getting Ready for the Kelley . . . 7 Info pse

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-15 00:26:58 UTC
From: Ron Barlow
Topic: 9921 Message: 9931

Hi Lou,

IIRC, I have read that the inductor Q of a space wound inductor will be higher.

If for no other reason, the parasitic capacitance, between coil turns, will be lower for the space wound version. This yields a higher L/C ratio, and thus a higher unloaded Q, and lower losses.

In addition, the dielectric of these parasitic caps will be mostly air, in the space wound version, even if the enamel coating remains intact, as the enamel coating will only represent a small percentage of the total dielectric "thickness", of these undesirable parasitic capacitors. The losses of the enamel dielectric (close wound version) will be greater than the mostly air dielectric, space wound version.
Also, the capacitance of these undesirable capacitors will be increased due to the increased dielectric constant of enamel vs air. Sort of a triple "whammy", IMHO.

Lower losses yields more power out & less potential for freq drift.

GL & 73 de Ron

On Fri, 11/14/14, Louis Vermond ldvermond@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] Getting Ready for the Kelley . . . 7 Info pse
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Date: Friday, November 14, 2014, 11:53 AM

Situation:

Winding tank
coil

80 mtrs
10W max.
#12 enamelled
3" dia. form

360 mmfd. shunt
variable

It is customary to space the
winding turns the diameter
of the wire. With above in mind, is any spacing really
necessary? If so, why and
suggested minimum spacing required, please.

Tks, Lou

9932. H O M E B R E W & O L D T I M E - E Q U I P M E N T - P A R T Y This Sunday...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-15 01:47:00 UTC
From: Louis Vermond
Topic: 9932 Message: 9932

New to me. Lou

http://www.qrpcc.de/contestrules/hotr.html

CLASS C : QRP-TX below 10 watts input or 5 watts output,
homebrew or older than 30 years

9933. Re: [AWA Group] Hartley Drift?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-15 02:07:38 UTC
From: Louis Vermond
Topic: 9923 Message: 9933

Bugsy's back! Hi Bugsy... Lou
----- Original Message -----
From: N1BUG paul@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-11-14 2:53 PM
Subject: Re: [AWA Group] Hartley Drift?

> on 40
> a couple 100 cycles.

That's nothing! Try a TNT on 20 meters...

73,
Paul N1BUG
(Bugsy)

Yahoo Groups Links

9934. Re: [AWA Group] Getting Ready for the Kelley . . . 7 Info RX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-15 02:51:09 UTC
From: Louis Vermond
Topic: 9934 Message: 9934
Attachments: 2 described; binary payloads are missing from this source WARC

Tks Niel.

What sort of circuit? TPTG Apologize for not including the circuit type. I've been so focused on this I took it for granted that everyone would knew!

I've never tried it but I would think close spaced with be OK for a TNT or TPTG. Why the enamelled wire? That is what is available. This rig was supposed to be a quickie, but nothing is quickie. Enjoying the process tho...

73,
Niel - W0VLZ
Can't stop . . .

QSL and thank you, Larry.

Like Neil said, if you need to tap the coil (as is necessary with a Hartley, or if you are tapping the coil for the antenna feed) it will need to be spaced. Otherwise, I think at these power levels you could get by with a close-wound coil as long as the integrity of the enamel or other insulation is good. However, you may find that to achieve the same resonant frequency you will to use less breadslicer capacitance because of the added turn-to-turn capacitance. 73, -Larry/NE1S

Hi Ron,

...space wound inductor... Lower losses yields more power out & less potential for freq drift. Space wound it will be then, Ron. Thank you as well.

Practice.
Have it on best authority that maintaining spacing with string is permissible. Of course, the string must
be waxed to prevent moisture absorption that would cause power losses.

9935. Re: [AWA Group] Hartley Drift? es don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-15 03:05:21 UTC
From: Louis Vermond
Topic: 9935 Message: 9935

Don,

Are you planning to be in the Kelley? Band(s)?

73, Lou

The carbon mic. is on it's way.

----- Original Message -----
From: dulmagedon@yahoo.ca [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-11-14 4:26 PM
Subject: Re: [AWA Group] Hartley Drift?

I have a colpitts on 40m and it isnt too bad relatively. I use it AM too. Lou has heard it. It is a 45 tube.

I have a Hartley as well but haven't really checked it. I might do that tonite as it is right near me now. It isn't BK friendly though being a 6l6.

don

9936. I've been playing with my Hull Hartley on 40 to get ready for the December BK. de Niel

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-15 03:18:56 UTC
From: Louis Vermond
Topic: 9936 Message: 9936
Attachments: 1 described; binary payloads are missing from this source WARC

Fabulous.
Having the CW as background is very pleasing.
What's in the wooden box on the sill, Niel?

9937. Bugsy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-15 11:36:20 UTC
From: N1BUG
Topic: 9923 Message: 9937

Bugsy's back! Hi Bugsy...

Sort of, Lou. I keep thinking I really am back. Wishful thinking, for the time being.

I'm scrambling to catch up on stuff, get ready for winter, etc. so I can play without guilt. Walked in the shack the other day and found my BK log from 2012 still sitting there waiting to be integrated into my main station log (on computer). There's a pretty good layer of dust covering it, but I can recognize it. ? ;-)

Bugsy

9938. RE: [AWA Group] H O M E B R E W & O L D T I M E - E Q U I P M E N T - P A R T Y This Sunday...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-15 11:45:00 UTC
From: Steve Flood
Topic: 9932 Message: 9938

Note the times:

1300-1500 UTC: 7010-7040 kHz 1500-1700 UTC: 3510-3560 kHz

Certainly not meant to be a worldwide event.

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

9939. Re: [AWA Group] Hartley Drift? es don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-15 15:05:18 UTC
From: dulmagedon@...
Topic: 9935 Message: 9939

I will certainly be reading the mail if I can. I doubt I will jump in. My CW is functional at best. Got some health issues I am dealing with too from a racing accident. (fractured spine) so my time leaning over a desk is limited to5 or 10 minutes..
However I have been blowing the dust of my HB stuff so we shall see. I await your mic s arrival.
don
Tested the 6l6 piece last night. Not really too bad. Better then the VFO in my DX60B

9940. Fwd: [AWA Group] I've been playing with my Hull Hartley on 40 to get ready for the December BK. de Niel

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-15 15:40:06 UTC
From: Niel - W0VLZ
Topic: 9936 Message: 9940

Lou,

The wooden box on the window sill is my 2.5/6.3/7.5V @ 7A filament supply. I have it close to the transmitter to keep IR drop minimized...probably not much of a problem with only one 210 but why tempt fate.

Left to right you see the 200-315V regulated B+ supply for the Hartley, 100mA plate current meter, SW5 power supply, 7A filament supply, National SW5, Hull Hartley transmitter, homebrew straight key (matches closely the one pictured with SW5 and Hartley on Feb 1931 QST cover) and a small rack with speaker, Baldwin headphones, TR switch, KX3 with battery (freq monitor and backup rcvr).

More details at http://w0vlz.blogspot.com/

Niel - W0VLZ

-------- Original Message --------
Subject: [AWA Group] I've been playing with my Hull Hartley on 40 to get ready for the December BK. de Niel
Date: Fri, 14 Nov 2014 22:18:56 -0500
From: Louis Vermond ldvermond@... [AWAGroup] <AWAGroup@yahoogroups.com>
Reply-To: AWAGroup@yahoogroups.com
To: AWAGroup <AWAGroup@yahoogroups.com>

Fabulous.
Having the CW as background is very pleasing.
What's in the wooden box on the sill, Niel?

9941. Re: [AWA Group] H O M E B R E W & O L D T I M E - E Q U I P M E N T - P A R T Y This Sunday...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-15 16:00:29 UTC
From: Larry Szendrei
Topic: 9932 Message: 9941

On 11/15/14 6:45 AM, 'Steve Flood' kk7uv@... [AWAGroup] wrote:
>
> Note the times:
>
> 1300-1500 UTC: 7010-7040 kHz 1500-1700 UTC: 3510-3560 kHz
>
> Certainly not meant to be a worldwide event.
>
...nor a AM or SSB event!

9942. Spider-web Coil

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-15 17:51:00 UTC
From: Bill Stewart
Topic: 9942 Message: 9942
Attachments: 2 described; binary payloads are missing from this source WARC

GA all,
I recently received a spider-web coil from an eBay auction. It looks like a Reinartz type coil. It is called a 'Cypress Coil' and made by Wianco Quality Products in Brooklyn, NY. Info says its for 'Amateur and Broadcasting wave lengths'. Does anyone know anything abt this coil? I've attached a couple of pix...hope they go thru.
Tnx...73 de Bill K4JYS

9943. Re: [AWA Group] Spider-web Coil [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-15 18:43:00 UTC
From: Louis Vermond
Topic: 9943 Message: 9943

A Drop Deader, Bill. WOW X 1000.

Let's see, circa 1923 UV-200 detector with 201A amp. regen. Envy you, OM.

Lou

----- Original Message -----
From: Bill Stewart cwopr@... [AWAGroup]
To: AWA Group
Sent: 2014-11-15 12:51 PM
Subject: [AWA Group] Spider-web Coil [2 Attachments]

GA all,
I recently received a spider-web coil from an eBay auction. It looks like a
Reinartz type coil. It is called a 'Cypress Coil' and made by Wianco
Quality Products in Brooklyn, NY. Info says its for 'Amateur and
Broadcasting wave lengths'. Does anyone know anything abt this
coil? I've attached a couple of pix...hope they go thru.
Tnx...73 de Bill K4JYS

9944. Re: [AWA Group] Spider-web Coil

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-15 19:58:05 UTC
From: Bill Stewart
Topic: 9943 Message: 9944

I just happened to run across it. Apparently the guy had sold others, and I got the last one. Price was good so I picked it up. You are probably right..something around '23 or '24 would be perfect. Not sure just how to hook it up, but maybe that can be figured out.
Bill

----- Original Message -----

From: "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Saturday, November 15, 2014 1:43:00 PM
Subject: Re: [AWA Group] Spider-web Coil

A Drop Deader, Bill. WOW X 1000.

Let's see, circa 1923 UV-200 detector with 201A amp. regen. Envy you, OM.

Lou

----- Original Message -----
From: Bill Stewart cwopr@... [AWAGroup]
To: AWA Group
Sent: 2014-11-15 12:51 PM
Subject: [AWA Group] Spider-web Coil [2 Attachments]

GA all,
I recently received a spider-web coil from an eBay auction. It looks like a Reinartz type coil. It is called a 'Cypress Coil' and made by Wianco Quality Products in Brooklyn, NY. Info says its for 'Amateur and Broadcasting wave lengths'. Does anyone know anything abt this coil? I've attached a couple of pix...hope they go thru.
Tnx...73 de Bill K4JYS

9945. W0VLZ station

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-15 23:57:05 UTC
From: Howard Kraus
Topic: 9945 Message: 9945

Neil, don't ever part with that Hartley or the SW-3! But if you do, please keep me in mind.

Howard Kraus, K2UD

9946. Re: [AWA Group] Spider-web Coil

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-16 01:07:06 UTC
From: Michael A. Bittner
Topic: 9942 Message: 9946
Attachments: 5 described; binary payloads are missing from this source WARC

Interesting to find this email in my in-box after just coming home from the annual 2-day meeting of the Southern California Antique Society (SCARS) in Carlsbad, CA, where I was awarded first place in the homebrew radio contest for my version of the 1922 Reinartz regenerative receiver. It uses an original Reinartz coil that I bought many years ago at another SCARS swap meet. I have a complete story on this receiver in the December 2011 issue of Electric Radio magazine. FWIW, attached are a few pix of my original Reinartz coil and my hombrew version of the Reinartz receiver described by John L. Reinartz in the March 1922 issue of QST magazine.
Mike, W6MAB

--
----- Original Message -----
From: Bill Stewart cwopr@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Saturday, November 15, 2014 11:58 AM
Subject: Re: [AWA Group] Spider-web Coil

I just happened to run across it. Apparently the guy had sold others, and I got the last one. Price was good so I picked it up. You are probably right..something around '23 or '24 would be perfect. Not sure just how to hook it up, but maybe that can be figured out.
Bill

From: "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Saturday, November 15, 2014 1:43:00 PM
Subject: Re: [AWA Group] Spider-web Coil

☐

A Drop Deader, Bill. WOW X 1000.

Let's see, circa 1923 UV-200 detector with 201A amp. regen. Envy you, OM.

Lou

----- Original Message -----
From: Bill Stewart cwopr@... [AWAGroup]
To: AWA Group
Sent: 2014-11-15 12:51 PM
Subject: [AWA Group] Spider-web Coil [2 Attachments]

GA all,
I recently received a spider-web coil from an eBay auction. It looks like a

Reinartz type coil. It is called a 'Cypress Coil' and made by Wianco Quality Products in Brooklyn, NY. Info says its for 'Amateur and Broadcasting wave lengths'. Does anyone know anything abt this coil? I've attached a couple of pix...hope they go thru.
Tnx...73 de Bill K4JYS

9947. Re: [AWA Group] Spider-web Coil [7 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-16 13:18:05 UTC
From: Louis Vermond
Topic: 9947 Message: 9947

GM Mike,

I was awarded first place in the homebrew radio contest ... Little wonder, Mike. Congratulations. Please tell us more about the RX. Is it usable on the air? Frequency coverage? How long did it take you to locate all those FB parts? And on...

Plan to work the Kelley this year?

73, Lou

☐

Interesting to find this email in my in-box after just coming home from the annual 2-day meeting of the Southern California Antique Society (SCARS) in Carlsbad, CA, where I was awarded first place in the homebrew radio contest for my version of the 1922 Reinartz regenerative receiver. It uses an original Reinartz coil that I bought many years ago at another SCARS swap meet. I have a complete story on this receiver in the December 2011 issue of Electric Radio magazine. FWIW, attached are a few pix of my original Reinartz coil and my hombrew version of the Reinartz receiver described by John L. Reinartz in the March 1922 issue of QST magazine.
Mike, W6MAB

--
----- Original Message -----
From: Bill Stewart cwopr@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Saturday, November 15, 2014 11:58 AM
Subject: Re: [AWA Group] Spider-web Coil

I just happened to run across it. Apparently the guy had sold others, and I got the last one. Price was good so I picked it up. You are probably right..something around '23 or '24 would be perfect. Not sure just how to hook it up, but maybe that can be figured out.
Bill

From: "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Saturday, November 15, 2014 1:43:00 PM
Subject: Re: [AWA Group] Spider-web Coil

☐

A Drop Deader, Bill. WOW X 1000.

Let's see, circa 1923 UV-200 detector with 201A amp. regen. Envy you, OM.

Lou

----- Original Message -----
From: Bill Stewart cwopr@... [AWAGroup]
To: AWA Group
Sent: 2014-11-15 12:51 PM
Subject: [AWA Group] Spider-web Coil [2 Attachments]

GA all,
I recently received a spider-web coil from an eBay auction. It looks like a Reinartz type coil. It is called a 'Cypress Coil' and made by Wianco Quality Products in Brooklyn, NY. Info says its for 'Amateur and Broadcasting wave lengths'. Does anyone know anything abt this coil? I've attached a couple of pix...hope they go thru.
Tnx...73 de Bill K4JYS

9948. Re: [AWA Group] W0VLZ station

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-16 13:19:37 UTC
From: Louis Vermond
Topic: 9945 Message: 9948

Neil, don't ever part with that Hartley.... keep me in mind. Build one, Howard!

----- Original Message -----
From: Howard Kraus kaytwoyoudee@yahoo.com [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-11-15 6:57 PM
Subject: [AWA Group] W0VLZ station

Neil, don't ever part with that Hartley or the SW-3! But if you do, please keep me in mind.

Howard Kraus, K2UD

9949. Re: [AWA Group] W0VLZ station

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-16 13:44:30 UTC
From: Larry Szendrei
Topic: 9945 Message: 9949

I didn't see an SW-3 in the photo of Neil's Shack, but the SW-5 is prominent.

> ----- Original Message -----
> *From:* Howard Kraus kaytwoyoudee@... [AWAGroup]
> <mailto:kaytwoyoudee@...%20[AWAGroup]>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* 2014-11-15 6:57 PM
> *Subject:* [AWA Group] W0VLZ station
>
> Neil, don't ever part with that Hartley or the SW-3! But if you
> do, please keep me in mind.*:D big grin
>
> Howard Kraus, K2UD
>
>

9950. RE: [AWA Group] W0VLZ station

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-16 13:51:59 UTC
From: Mike Feher
Topic: 9945 Message: 9950

I was wondering when someone would say that, HI. It is indeed an SW-5 and not an SW-3. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, November 16, 2014 8:45 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] W0VLZ station

I didn't see an SW-3 in the photo of Neil's Shack, but the SW-5 is prominent.

----- Original Message -----

From: Howard Kraus kaytwoyoudee@... [AWAGroup] <mailto:kaytwoyoudee@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2014-11-15 6:57 PM

Subject: [AWA Group] W0VLZ station

Neil, don't ever part with that Hartley or the SW-3! But if you do, please keep me in mind. *:D big grin <https://s.yimg.com/ok/u/assets/img/emoticons/emo31.gif>

Howard Kraus, K2UD

9951. Re: [AWA Group] Spider-web Coil - W6MAB's Reinartz

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-16 13:57:40 UTC
From: Larry Szendrei
Topic: 9942 Message: 9951

What can I say, Mike? It's absolutely gorgeous. What a fantastic job!

73,
-Larry/NE1S
>
>

9952. Re: [AWA Group] W0VLZ station

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-16 16:17:59 UTC
From: Niel - W0VLZ
Topic: 9945 Message: 9952

Howard,

(you may already be aware of all of this but it never hurts to put the word out again)

VE7SL's website at http://members.shaw.ca/ve7sl/ and his blog at http://ve7sl.blogspot.ca/ has outstanding information, hints and tips about building 1929 style transmitters. You might start with three of his blog entries:

http://ve7sl.blogspot.ca/2014/10/building-29-style.html
http://ve7sl.blogspot.ca/2014/10/29-style-transmitterswhat-to-build-part_20.html
http://ve7sl.blogspot.ca/2014/10/29-style-transmitterswhat-to-build-part.html

For the BK Steve mentions that you don't have to use vintage parts except for the tube type. Especially for your first '29 transmitter don't get too hung up on getting all of the right period parts. Once you are into it, though, head over to the mecca of antique radio stuff in Bloomfield, NY, the Antique Wireless Association Museum. The AWA has a convention every fall. While I've never been able to attend, all sorts of parts must show up at the swapmeet.

73,
Niel - W0VLZ

Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> □
>
> Neil, don't ever part with that Hartley.... keep me in mind. Build
> one, Howard!
>
> ----- Original Message -----
> *From:* Howard Kraus kaytwoyoudee@... [AWAGroup]
> <mailto:kaytwoyoudee@...%20[AWAGroup]>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* 2014-11-15 6:57 PM
> *Subject:* [AWA Group] W0VLZ station
>
> Neil, don't ever part with that Hartley or the SW-3! But if you
> do, please keep me in mind.*:D big grin
>
> Howard Kraus, K2UD
>
>

9953. Re: [AWA Group] Spider-web Coil [7 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-16 23:21:39 UTC
From: Bill Stewart
Topic: 9942 Message: 9953

Tnx Mike, for your interesting email and your pix of the beautiful rcvr....kudos to you. The pix give be a bit of encouragement. If you have the time, I'd also be interested in how it works..ie, sensitivity, cw selectivity, etc. I have read a few articles on the Reinartz rcvr that lead me to believe it covered 200m and up into the BC band. I'd be interested in the your wave length coverage. Agn, congrats on a fine example of homebrewing at its best. 73 de Bill K4JYS ----- Original Message ----- From: "'Michael A. Bittner' mmab@... [AWAGroup]" To: AWAGroup@yahoogroups.com Sent: Saturday, November 15, 2014 8:07:06 PM Subject: Re: [AWA Group] Spider-web Coil [7 Attachments] Interesting to find this email in my in-box after just coming home from the annual 2-day meeting of the Southern California Antique Society (SCARS) in Carlsbad, CA, where I was awarded first place in the homebrew radio contest for my version of the 1922 Reinartz regenerative receiver. It uses an original Reinartz coil that I bought many years ago at another SCARS swap meet. I have a complete story on this receiver in the December 2011 issue of Electric Radio magazine. FWIW, attached are a few pix of my original Reinartz coil and my hombrew version of the Reinartz receiver described by John L. Reinartz in the March 1922 issue of QST magazine. Mike, W6MAB -- ----- Original Message ----- From: Bill Stewart cwopr@... [AWAGroup] To: AWAGroup@yahoogroups.com Sent: Saturday, November 15, 2014 11:58 AM Subject: Re: [AWA Group] Spider-web Coil I just happened to run across it. Apparently the guy had sold others, and I got the last one. Price was good so I picked it up. You are probably right..something around '23 or '24 would be perfect. Not sure just how to hook it up, but maybe that can be figured out. Bill ----- Original Message ----- From: "Louis Vermond ldvermond@sympatico.ca [AWAGroup]" < AWAGroup@yahoogroups.com > To: AWAGroup@...m Sent: Saturday, November 15, 2014 1:43:00 PM Subject: Re: [AWA Group] Spider-web Coil A Drop Deader, Bill. WOW X 1000. Let's see, circa 1923 UV-200 detector with 201A amp. regen. Envy you, OM. Lou

----- Original Message ----- From: Bill Stewart cwopr@... [AWAGroup] To: AWA Group Sent: 2014-11-15 12:51 PM Subject: [AWA Group] Spider-web Coil [2 Attachments] GA all, I recently received a spider-web coil from an eBay auction. It looks like a Reinartz type coil. It is called a 'Cypress Coil' and made by Wianco Quality Products in Brooklyn, NY. Info says its for 'Amateur and Broadcasting wave lengths'. Does anyone know anything abt this coil? I've attached a couple of pix...hope they go thru. Tnx...73 de Bill K4JYS

9954. Re: Homebrew and Old Time Equipment Party

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-17 00:34:54 UTC
From: JAMES HANLON
Topic: 9954 Message: 9954

I didn't see the original post, probably because there are two recent "Digests" of the AWA Group postings missing from my inbox.

But, if you are looking for a user friendly "contest" that caters to Homebrew and Old Time Equipment, be sure to check out the Classic Exchange, http://www.classicexchange.org . The next CW edition of the CX runs on Sunday, January 18, from 1400 Z and goes to Monday, January 19 at 0800 Z, 9 am to 3 am EST. The late hour gives those of us in the West more time to have fun. There are suggested frequencies for all bands from 160 through 2 meters, and there is usually a lot of activity on 40 and 20 meters during the daylight hours and on 80 meters in the evening and night. There are even some CX operators in Japan who hang out on 15 meters. The AM/FM/SSB Phone section runs on Sunday, February 8, same hours and same bands. Note that the AM Phone CX will overlap with the AWA AM QSO Party which runs Sunday, February 8 until 2300Z, so there will be an opportunity to work AM stations then in both contests.

Part of the "score" for the CX is determined by the sum total of the ages of all of the transmitters and receivers you put on the air for three or more QSOs. Homebrew gear is counted as 25 years old unless it is actually older or its construction article is older. So all of our "1929" rigs will count as 85 years old in the 2015 CX. You can work the same station multiple times if either he or you switches one or more of the transmitters and receivers that he and you are using, so there is an opportunity for lots of QSOs during the contest. Equipment from any era is welcome, although obviously new gear is at a scoring disadvantage.

Y'all come and enjoy!

Jim, W8KGI

9955. Re: [AWA Group] W0VLZ station

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-17 01:26:03 UTC
From: kaytwoyoudee@...
Topic: 9945 Message: 9955

Yes, I have visited Steve's excellent site on the Hartley. His looks beautiful also! I am less than two hours drive from AWA HQ and even closer to the convention. I may try that for parts shopping this year. I have been looking for the parts to build this gem, as you know, that can be difficult. I keep looking!

73

Howard Kraus, K2UD

9956. Re: [AWA Group] Spider-web Coil

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-17 01:31:29 UTC
From: Michael A. Bittner
Topic: 9942 Message: 9956

Thanks to all for your compliments on my Reinartz receiver. It tunes from 390 to 1670 kHz in three highly overlapping bands with the original Reinartz coil, and I have not made any other experimental coils (LX) to plug into the jacks J9,10 & 11 for HF coverage. I did not have the correct value variable capacitors for C1 and C2 (500 pF and 250 pF respectively), so I substituted 420 pF caps for both as shown on my schematic. In subsequent articles in QST, the positions of these two caps were reversed which makes more sense to me and might account for Reinartz's claim of coverage from 370 - 130 meters. With my 90-foot long wire antenna and 22.5 Volts B+, the earphone volume is so loud that I had to insert the small variable cap, shown in one of the photos in series with the antenna lead, as a volume control. When I get all the tap switches adjusted just right, I can tune up and down the BC band and get a steady series of tweets every 10 kHz, without having to readjust the regeneration controls. Stations are heard by tuning to zero beat. The 01A's run best with 4-Volts on the filaments. The circuit is completely free of fringe howl and there are no hand capacity effects except for the band switch (S2) which, once set, need not be touched again during operation.

The circuit appears to be a basic Hartley and the purpose of all the tap switches is baffling to me. It seems to me that the whole thing could have been done much more simply and I would enjoy seeing some serious discussion about the circuit from anyone who may know more about it.

Since I have been collecting radio parts for a very long time, at this point whenever I want to build something, I just go up to the attic and can usually find whatever I need. The only things I didn't have for this one were the tap switch points which I got from Playthings of Past. Are they still in business?

I am not currently on the air on HF, so will not be participating in the BK event. My main interest is in receivers of all kinds and have had several articles on them published in Electric Radio magazine (ermag.com).

73, Mike W6MAB

Please tell us more about the RX. Is it usable on the air? Frequency coverage? How long did it take you to locate all those FB parts? And on...

Plan to work the Kelley this year?

----- Original Message -----
From: Louis Vermond ldvermond@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Sunday, November 16, 2014 5:18 AM
Subject: Re: [AWA Group] Spider-web Coil

☐

GM Mike,

I was awarded first place in the homebrew radio contest ... Little wonder, Mike. Congratulations. Please tell us more about the RX. Is it usable on the air? Frequency coverage? How long did it take you to locate all those FB parts? And on...

Plan to work the Kelley this year?

73, Lou

9957. RE: [AWA Group] Spider-web Coil

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-17 10:37:57 UTC
From: Steve Flood
Topic: 9942 Message: 9957

>from Playthings of Past. Are they still in business?

He (Gary Schneider) is still in business. He was running a notice that the business is for sale, but I don’t see that notice now.

Tap switch points are in the inventory list (under ‘Hardware’), but he indicates you should inquire about them.

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

9958. Hamfest find - A Key

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-17 14:22:46 UTC
From: Bill Stewart
Topic: 9958 Message: 9958
Attachments: 3 described; binary payloads are missing from this source WARC

GM all,
Yesterday at the JARSFEST , in Benson, NC, I found a couple of interesting keys. One a Bunnell , but the other one looks more interesting. See the attached pix. The base is 5" X 3 1/4" X 1/2" thick. I'm not sure just what the base is made from...don't think its marble, but maybe some type of composite material. It's a solid material with some weight...maybe it is some type of stone or marble?? (The Bunnell was homebrew-mounted to a piece of marble abt the same size.. it is heavier). The thing that makes me think it goes back into the teens or 20s is the contacts are 1/4" in dia ...for spark use? The only lettering I have found is on the bottom... the numbers '2250-?'...partly deleted due to grinding a channel f or a wire. That wire looks like it is cloth covered rubber insulated wire and hasn't been disturbed in years. It would appear to me that it is a manufactured key since the base has molded or machined cutouts for mounting the key.

Anyone have any idea about this key...looks old.
Thanks..73 de Bill K4JYS

9959. RE: [AWA Group] Hamfest find - A Key [3 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-17 14:53:12 UTC
From: Mike Feher
Topic: 9958 Message: 9959

Hi Bill –

It was made by McIntosh Inc. Now you can Google it and find more info. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, November 17, 2014 9:23 AM
To: AWA Group
Subject: [AWA Group] Hamfest find - A Key [3 Attachments]

GM all,
Yesterday at the JARSFEST, in Benson, NC, I found a couple of interesting keys.
One a Bunnell, but the other one looks more interesting. See the attached pix.
The base is 5" X 3 1/4" X 1/2" thick. I'm not sure just what the base is made
from...don't think its marble, but maybe some type of composite material. It's a
solid material with some weight...maybe it is some type of stone or marble??
(The Bunnell was homebrew-mounted to a piece of marble abt the same size..
it is heavier). The thing that makes me think it goes back into the teens or 20s
is the contacts are 1/4" in dia...for spark use? The only lettering I have found
is on the bottom...the numbers '2250-?'...partly deleted due to grinding a channel
for a wire. That wire looks like it is cloth covered rubber insulated wire and hasn't
been disturbed in years. It would appear to me that it is a manufactured key since
the base has molded or machined cutouts for mounting the key.

Anyone have any idea about this key...looks old.
Thanks..73 de Bill K4JYS

9960. Re: [AWA Group] Hamfest find - A Key

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-17 15:17:53 UTC
From: Bill Stewart
Topic: 9958 Message: 9960

Tnx a lot Mike for the help. I'm real glad to know who made it.
Very interesting reading too. Its easy to get swept up into looking at
the other unique keys too.
73 Bill K4JYS

----- Original Message -----

From: "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, November 17, 2014 9:53:12 AM
Subject: RE: [AWA Group] Hamfest find - A Key

Hi Bill –

It was made by McIntosh Inc. Now you can Google it and find more info. 73 – Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, November 17, 2014 9:23 AM
To: AWA Group
Subject: [AWA Group] Hamfest find - A Key [3 Attachments]

GM all,
Yesterday at the JARSFEST, in Benson, NC, I found a couple of interesting keys.
One a Bunnell, but the other one looks more interesting. See the attached pix.
The base is 5" X 3 1/4" X 1/2" thick. I'm not sure just what the base is made
from...don't think its marble, but maybe some type of composite material. It's a
solid material with some weight...maybe it is some type of stone or marble??
(The Bunnell was homebrew-mounted to a piece of marble abt the same size..
it is heavier). The thing that makes me think it goes back into the teens or 20s
is the contacts are 1/4" in dia...for spark use? The only lettering I have found
is on the bottom...the numbers '2250-?'...partly deleted due to grinding a channel
for a wire. That wire looks like it is cloth covered rubber insulated wire and hasn't
been disturbed in years. It would appear to me that it is a manufactured key since
the base has molded or machined cutouts for mounting the key.

Anyone have any idea about this key...looks old.
Thanks..73 de Bill K4JYS

9961. 18 Daze

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-18 19:46:42 UTC
From: Louis Vermond
Topic: 9961 Message: 9961
Attachments: 2 described; binary payloads are missing from this source WARC

Usual Operation

Kelley Operation
Scott, you did not see this...

9962. New AWAGroup members AI9E & KA2RRZ

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-19 12:27:42 UTC
From: Louis Vermond
Topic: 9962 Message: 9962

Welcome John and Ron. Please tell the Group about your related interests.

73, Lou VE3AWA

AI9E
John B Riley
Palmyra, IN 47164

KA2RRZ

RONALD R HAYES
GAINSBORO, TN 38562

9963. eBay Alert BC, but nice...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-19 14:38:12 UTC
From: Louis Vermond
Topic: 9963 Message: 9963

http://www.ebay.com/itm/EARLY-1920s-ONE-TUBE-RADIO-RECEIVER-WITH-TWO-TUBE-AMPLIFIER-/231393406149?pt=LH_DefaultDomain_0&hash=item35e01f2cc5

9964. Re: [AWA Group] eBay Alert BC, but nice...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-20 02:12:03 UTC
From: Ron Hayes
Topic: 9963 Message: 9964

Do you think there is enough shipping on it?? $45.00

On Wednesday, November 19, 2014 8:36 AM, "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

http://www.ebay.com/itm/EARLY-1920s-ONE-TUBE-RADIO-RECEIVER-WITH-TWO-TUBE-AMPLIFIER-/231393406149?pt=LH_DefaultDomain_0&hash=item35e01f2cc5 <!--

9965. Re: [AWA Group] eBay Alert BC, but nice...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-20 02:36:13 UTC
From: Louis Vermond
Topic: 9963 Message: 9965

Do you think there is enough shipping on it?? $45.00

Cheap.. This is what a Canadian would have to shell out. $150.00 USPS Priority Mail International

9966. Re: [AWA Group] Hartley Drift? es don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-20 03:30:21 UTC
From: dulmagedon@...
Topic: 9935 Message: 9966

Fired up my regen and my bare essentials one tube cw rig tonite. Been awhile since either was lit but the regen even though it is on batteries sprang to life .. I had a 3555 rock in the Tx and it was open at that moment so I gave it shot. No joy but I will try tomorrow and Friday as well. I believe I will institute a new law. No rig rx or tx shall have more than one tube!
don

9967. Re: [AWA Group] Hartley Drift? es don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-20 03:41:22 UTC
From: Louis Vermond
Topic: 9935 Message: 9967

Don, When will you be on 3555 tomorrow Thursday? Lou

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-11-19 10:30 PM
Subject: Re: [AWA Group] Hartley Drift? es don

Fired up my regen and my bare essentials one tube cw rig tonite. Been awhile since either was lit but the regen even though it is on batteries sprang to life .. I had a 3555 rock in the Tx and it was open at that moment so I gave it shot. No joy but I will try tomorrow and Friday as well. I believe I will institute a new law. No rig rx or tx shall have more than one tube!

don

9968. eBay Alert . . . Beautiful

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-20 13:35:54 UTC
From: Louis Vermond
Topic: 9968 Message: 9968

http://www.ebay.com/itm/3-NIB-Karas-Vintage-Radio-Tuning-Condensers-0005-/161491087707?pt=LH_DefaultDomain_0&hash=item25999e715b

9969. Re: [AWA Group] Hartley Drift? es don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-20 13:59:21 UTC
From: dulmagedon@...
Topic: 9935 Message: 9969

I am going to try 3555 at 930PM EST, Lou,

9970. Group] Hartley Drift? es don SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-20 15:54:43 UTC
From: Louis Vermond
Topic: 9970 Message: 9970
Attachments: 1 described; binary payloads are missing from this source WARC

I am going to try 3555 at 930PM EST, Lou,

GM Don,

I will be listening for you 'till 9:45+. PLEASE use a modern RX until we get hooked up then sw to regen.

73,
VE3AWA

9971. Re: Group] Hartley Drift? es don SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-20 16:49:36 UTC
From: dulmagedon@...
Topic: 9970 Message: 9971

Ok Lou. I will although modern Rxs are deaf compared to my regen I have two right here. I may listen on the TS830 till I find you. It is "almost" as good as the regen.
don

9972. don SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-20 17:52:59 UTC
From: Louis Vermond
Topic: 9972 Message: 9972

Ok Lou. I may listen on the TS830 till I find you. <<< Tks!

CUL, Lou

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-11-20 11:49 AM
Subject: [AWA Group] Re: Group] Hartley Drift? es don SKED

9973. RE: [AWA Group] 18 Daze

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-20 18:23:07 UTC
From: barry whittemore
Topic: 9961 Message: 9973
Attachments: 2 described; binary payloads are missing from this source WARC

80/40 fan dipole put up in prep for BK. need to bk from dining table so need ant on other side.
i am ready 80 and 40
barry
nf1o

To: AWAGroup@yahoogroups.com
CC: garywaustin@...
From: AWAGroup@yahoogroups.com
Date: Tue, 18 Nov 2014 14:46:42 -0500
Subject: [AWA Group] 18 Daze

Usual Operation

Kelley Operation
Scott, you did not see
this...

9974. Re: don SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-20 19:49:56 UTC
From: dulmagedon@...
Topic: 9972 Message: 9974

Just worked WA2PJP and the group with "The Other Rig"(45 TNT) on AM. Hope tonite goes well on the Cw mode.
don

9975. Re: [AWA Group] Re: don SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-20 20:48:10 UTC
From: Larry Szendrei
Topic: 9972 Message: 9975

On 11/20/14 2:49 PM, dulmagedon@... [AWAGroup] wrote:
>
> Just worked WA2PJP and the group with "The Other Rig"(45 TNT) on AM.
> Hope tonite goes well on the Cw mode.
>
> don
>
>
Don, that's AWESOME! Loop modulation, I presume?

Very sorry I missed it; I was hauling and stacking firewood. Had I heard
you I would have fired something up and jumped in. I was listening to
7290 AM until about 1:30PM or so, before I went outside.

Joe WA2PJP is a friend I talk to often and see at the NEARfest twice/year.

73,
-Larry/NE1S

9976. Re: [AWA Group] Re: don SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-20 21:13:10 UTC
From: dulmagedon@...
Topic: 9972 Message: 9976

I was surprised they heard me. I didn't belabor it but had a decent exchange. Tis a lot of fun for me. I was slightly high in freq but was afraid to touch it as the TNT not easy to put bang on freq so I left it alone.
don

9977. don SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-20 22:31:03 UTC
From: Louis Vermond
Topic: 9972 Message: 9977

Just worked WA2PJP and the group with "The Other Rig"(45 TNT) on AM. Hope tonite goes well on the Cw mode.

328 Miles with Loop Modulation?!

Lou

9978. Re: [AWA Group] New AWAGroup members AI9E & KA2RRZ

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-21 01:28:56 UTC
From: Ron Hayes
Topic: 9962 Message: 9978

Hi I am ka2rrz. What got me interested in the group, It starts like this I found a one tube receiver on e-bay and thought that would look nice in the shack. I wasn't happy with there price. I started searching the web and found lots of info on this receiver. I started looking for a tube, caps, and parts. I have them all now for about $ 20.00 much better. I am having problems winding the wire on the pill bottle to please me, I will get it after awhile, and plan to put a small LED in the bottle to add to the looks. I have always stayed clear of tubes thinking about high voltage, I am learning the old ways and really enjoy it.

On Wednesday, November 19, 2014 6:26 AM, "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

☐

| Welcome John and Ron. Please tell the Group about your related interests. 73, Lou VE3AWA AI9E John B Riley Palmyra, IN 47164 KA2RRZ RONALD R HAYES
GAINSBORO, TN 38562 |

<!--

9979. Re: don SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-21 02:45:40 UTC
From: dulmagedon@...
Topic: 9972 Message: 9979

Thanks Lou, Nice to know the old girl still works. I was hoping I would remember my morse code. Been a while to say the least. You have a real nice signal in here.
don

9980. Re: [AWA Group] Re: Group] Hartley Drift? es don SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-21 02:50:31 UTC
From: Louis Vermond
Topic: 9970 Message: 9980
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Don,

We made it! Agn, ur RST- 347 wid QSB es QRM...lots of QRM. TNT... Don't change a thing, the tone is perfect.

Still awaiting mic. Let u knw when I'm on Loop.

73 es GN All, Lou

9981. Re: [AWA Group] Re: Group] Hartley Drift? es don SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-21 02:55:02 UTC
From: Louis Vermond
Topic: 9970 Message: 9981
Attachments: 1 described; binary payloads are missing from this source WARC

Oh ya, there was a W0 calling me. Agn, OM.

Hi Don,

We made it! Agn, ur RST- 347 wid QSB es QRM...lots of QRM. TNT... Don't change a thing, the tone is perfect.

Still awaiting mic. Let u knw when I'm on Loop.

73 es GN All, Lou

9982. Sorta antique.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-21 02:59:39 UTC
From: Daniel Petersen
Topic: 9982 Message: 9982
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Guys:
I have just finished annoying the relatives and have returned from SoCal.
From one friend I have rescued a Hallicrafters SX-100 and companion speaker
from a slow doom in a barn. It's dirty but otherwise in pretty good shape.
From an antique flea market in Carlsbad, CA I picked up a rack-mount FM
receiver that is only suitable for parts but has an unmarked Millen dial
assembly in fine condition (other than dusty). Looks like I will be busy
this winter!
--
73,
Dan - W7OIL

9983. Re: [AWA Group] Re: Group] Hartley Drift? es don SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-21 03:41:27 UTC
From: dulmagedon@...
Topic: 9970 Message: 9983

I can hardly wait Lou. Everytime I use my looper I have to pinch myself!
Still was fun to fire up the bare essentials rig tonite. Thanks again! I have had it a long time. Can't remember when I built it.
don

9984. Re: [AWA Group] Re: Group] Hartley Drift? es don SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-21 04:46:38 UTC
From: Niel - W0VLZ
Topic: 9970 Message: 9984

Lou,

That was me running 3 watts into my worm burning inverted L. You were a solid 559 here in MN. I couldn't hear Don.

73,
Niel - W0VLZ

Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> □
>
> Oh ya, there was a W0 calling me. Agn, OM.
> ---
>

9985. Re: [AWA Group] Re: Group] Hartley Drift? es don SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-21 10:58:27 UTC
From: Louis Vermond
Topic: 9970 Message: 9985

OK Don. CU in the Kelley. 73, Lou

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-11-20 10:41 PM
Subject: Re: [AWA Group] Re: Group] Hartley Drift? es don SKED

I can hardly wait Lou. Everytime I use my looper I have to pinch myself!

Still was fun to fire up the bare essentials rig tonite. Thanks again! I have had it a long time. Can't remember when I built it.

don

9986. Re: [AWA Group] Re: Group] Hartley Drift? es don SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-21 11:08:24 UTC
From: Louis Vermond
Topic: 9970 Message: 9986

I see nw tt u did Niel...

GM Niel,

I was running 50W out. I asked for a QRZ, but did not hear a cum bk. Tks for calling tho.

CU Kelley, Lou

----- Original Message -----
From: Niel - W0VLZ w0vlz@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-11-20 11:46 PM
Subject: Re: [AWA Group] Re: Group] Hartley Drift? es don SKED

Lou,

That was me running 3 watts into my worm burning inverted L. You were a
solid 559 here in MN. I couldn't hear Don.

73,
Niel - W0VLZ

Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> □
>
> Oh ya, there was a W0 calling me. Agn, OM.
> ---
>

9987. Re: [AWA Group] Re: Group] Hartley Drift? es don SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-21 11:40:03 UTC
From: dulmagedon@...
Topic: 9970 Message: 9987

Sorry also I didn't hear you Neil. I was concerned most about my inverted 40/80 vee. It hardly gets any use so I worry about corrosion. Obviously it is Ok.
The 50L6 transmitter doesn't have much stomp. My 45 TNT does get out especially well on the long wire down stairs but since I fractured my spine, going up and down stairs is still a big chore. As for tubes 45s are becoming one of my most favorite tubes. I need a I Love Triodes t shirt perhaps! As for Am TNT I will probably have it on 7290 + or - 5 after lunch today around 1.30 to 2 pm. EST. I have a pushpull dual 45 amp I built but it doesn't seem to be necessary.
don

9988. Re: [AWA Group] Re: Group] Hartley Drift? es don SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-21 11:47:51 UTC
From: Louis Vermond
Topic: 9970 Message: 9988

Am TNT I will probably have it on 7290 + or - 5 after lunch today around 1.30 to 2 pm. EST. I'll listen for you, Don. Lou

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-11-21 6:40 AM
Subject: Re: [AWA Group] Re: Group] Hartley Drift? es don SKED

Sorry also I didn't hear you Neil. I was concerned most about my inverted 40/80 vee. It hardly gets any use so I worry about corrosion. Obviously it is Ok.

The 50L6 transmitter doesn't have much stomp. My 45 TNT does get out especially well on the long wire down stairs but since I fractured my spine, going up and down stairs is still a big chore. As for tubes 45s are becoming one of my most favorite tubes. I need a I Love Triodes t shirt perhaps! As for Am TNT I will probably have it on 7290 + or - 5 after lunch today around 1.30 to 2 pm. EST. I have a pushpull dual 45 amp I built but it doesn't seem to be necessary.

don

9989. Re: [AWA Group] Re: Group] Hartley Drift? es don SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-21 11:56:54 UTC
From: dulmagedon@...
Topic: 9970 Message: 9989

Thanks. I just checked Neil's details on QRZ.com. 748 miles ATCF from me. Not impossible at this power but not easy! Lou , you are about 179 miles. Not much different then my AM friend Tim in Hanover
don

9990. eBay Alert Perfect for that Kelley rig you want to build.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-21 18:28:00 UTC
From: Louis Vermond
Topic: 9990 Message: 9990

http://www.ebay.com/itm/Weston-model-301-DC-Milliamperes-0-800-Round-Panel-Meter-Vintage-/281504221855?ssPageName=ADME:B:SS:CA:3160

9991. Re: [AWA Group] eBay Alert Perfect for that Kelley rig you want to build.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-21 19:40:54 UTC
From: Larry Szendrei
Topic: 9990 Message: 9991

On 11/21/14 1:28 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> http://www.ebay.com/itm/Weston-model-301-DC-Milliamperes-0-800-Round-Panel-Meter-Vintage-/281504221855?ssPageName=ADME:B:SS:CA:3160
>
0-800 mA DC is a bit on the high side to measure plate current of a vacuum-tube 10-20W DC input rig! It's an order of magnitude too high; a 0-50mA or 0-100mA meter would work out best, in most cases.

I have a 0-800 mA Weston 301 monitoring negative-lead plate supply current on my PDM AM transmitter running the legal limit.

73,
-Larry/NE1S

P.S. Listened for Don and Lou on 7290 from 1:30 - 2PM EST; all I heard was N1ID looking for a contact. I put out a few unanswered calls to Don.

9992. Re: [AWA Group] Re: Group] Hartley Drift? es don SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-21 22:12:36 UTC
From: dulmagedon@...
Topic: 9970 Message: 9992

Today was a wash. I called for almost a half hour. I tried all three Loop modulated 40M rigs(45 TNT, 6l6 Hartley, 56/42 Hartley) but I didn't hear anyone on 40M on freq or nearby. Bad airwave day perhaps.
don

9993. Re: [AWA Group] eBay Alert Perfect for that Kelley rig you want to build.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-21 22:16:18 UTC
From: Roger Kuchera
Topic: 9990 Message: 9993

Hey Lou,
Don't you think 800 mils on your favorite '10 is a bit excessive?

Roger.

On Friday, November 21, 2014 2:41 PM, "Larry Szendrei ne1s@securespeed.us [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

On 11/21/14 1:28 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:

>
>http://www.ebay.com/itm/Weston-model-301-DC-Milliamperes-0-800-Round-Panel-Meter-Vintage-/281504221855?ssPageName=ADME:B:SS:CA:3160
>
0-800 mA DC is a bit on the high side to measure plate current of a vacuum-tube 10-20W DC input rig! It's an order of magnitude too high; a 0-50mA or 0-100mA meter would work out best, in most cases.

I have a 0-800 mA Weston 301 monitoring negative-lead plate supply
current on my PDM AM transmitter running the legal limit.

73,
-Larry/NE1S

P.S. Listened for Don and Lou on 7290 from 1:30 - 2PM EST; all I
heard was N1ID looking for a contact. I put out a few unanswered
calls to Don.

9994. Re: [AWA Group] eBay Alert Perfect for that Kelley rig you want to build.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-21 22:30:55 UTC
From: Louis Vermond
Topic: 9990 Message: 9994
Attachments: 1 described; binary payloads are missing from this source WARC

Hey Roger & Larry,

Don't you think 800 mils on your favorite '10 is a bit excessive?

9995. Ready for the BK from W6 land

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-21 23:37:15 UTC
From: Doug Forbes
Topic: 9990 Message: 9995
Attachments: 2 described; binary payloads are missing from this source WARC

Here are a couple of pix of this years rig.

I will again attempt to be rare DX from Southern California.

Doug Forbes WA6VYN

9996. BK time?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-22 01:00:50 UTC
From: Daniel Petersen
Topic: 9996 Message: 9996

Please enlighten my fried brain again - when is the BK?

--

73,
Dan - W7OIL

9997. Re: [AWA Group] Ready for the BK from W6 land [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-22 01:03:46 UTC
From: Whitebear1122
Topic: 9990 Message: 9997

Wow Doug, What a beauty!! Congratulations on constructing a beautiful transmitter! I hope to work you with it! 73, Scott WA9WFA

On Nov 21, 2014, at 5:37 PM, "Doug Forbes dougforbes@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

>
>
> Here are a couple of pix of this years rig.
>
> I will again attempt to be rare DX from Southern California.
>
> Doug Forbes WA6VYN
>
>
>
> V

9998. Re: [AWA Group] Ready for the BK from W6 land

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-22 01:09:15 UTC
From: Doug Forbes
Topic: 9990 Message: 9998
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks Scott. We'll try er again this year.

Doug Forbes WA6VYN

Professor (Ret.) / Department Chair

Computer Science / Electronics / Music Technology

College of the Canyons

Neptune Cocktail<http://www.neptunecocktail.com/>

Doug Forbes Page <http://sites.google.com/site/dougforbes1/home>

On 11/21/2014 5:03 PM, Whitebear1122 whitebear1122@...
[AWAGroup] wrote:
>
>
> Wow Doug, What a beauty!! Congratulations on constructing a beautiful
> transmitter! I hope to work you with it! 73, Scott WA9WFA
>
> On Nov 21, 2014, at 5:37 PM, "Doug Forbes dougforbes@...
> <mailto:dougforbes@...> [AWAGroup]"
> <AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>> wrote:
>
>>
>>
>> Here are a couple of pix of this years rig.
>>
>> I will again attempt to be rare DX from Southern California.
>>
>> Doug Forbes WA6VYN
>>
>>
>> V
>> <https://groups.yahoo.com/neo/groups/AWAGroup/attachments/406252302;_ylc=X3oDMTJyYWkxdn
J1BF9TAzk3MzU5NzE0BGdycElkAzM5NDcwOTEwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDYXR0YWNobWVudARzbGsD
dmlld09uV2ViBHN0aW1lAzE0MTY2MTMzNDA->
>
>
>

9999. Re: [AWA Group] BK time?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-22 02:08:36 UTC
From: Whitebear1122
Topic: 9996 Message: 9999

Dec 6/7 and 13/14, starts 2300Z (6 pm EST) Saturday night and finishes 2300Z Sunday night both weekends. This year for the first time I'll be putting W2ICE/0 on the air. A special W2ICE QSL card will be issued for valid 1929 contacts with W2ICE. Send QSL card and SASE to Ed Gable at W2AN.

73, Scott WA9WFA

On Nov 21, 2014, at 7:00 PM, "Daniel Petersen dan.w7oil@gmail.com [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

>
>
> Please enlighten my fried brain again - when is the BK?
>
> --
>
> 73,
> Dan - W7OIL
>

10000. Bruce Kelley 1929 QSO Party

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-22 02:18:42 UTC
From: Whitebear1122
Topic: 9996 Message: 10000

Here are the rules from the 1929 QSO. This is what is published in the AWA Journal and should be up on the AWA website. I hope to work all of you 29'ers in the QSO Party. This year Bruce Kelley's call sign W2ICE will be on the air for the first time since his passing. Try to work the special event station if you can. Special W2ICE QSL cards will be sent for valid 29 contacts. Send your QSL and SASE in care of Ed Gable at W2AN AWA headquarters. 73, Scott WA9WFA

The 2014 Bruce Kelley 1929 QSO Party and W2ICE Special Event Station

The Bruce Kelly 1929 QSO Party is a yearly AWA sponsored event where participants build their own transmitters using the designs, techniques, and tubes that were available in 1929 and earlier, and then put those classic transmitters on the air and try to contact as many other 1929 stations as possible. Since they use early designs, it is a cacophony of whooping, chirping, buzzing, clicking, drifting, swishing, swaying, warbling, and other interesting signals. This is what ham radio sounded like in 1929 and for two weekends in December its 1929 again on the ham bands.

This year for the first time we are activating Bruce Kelley’s W2ICE callsign as a 1929 SPECIAL EVENT STATION! W2ICE hasn’t been heard on the 1929 QSO Party since Bruce’s passing so this will be a real treat to hear and work the namesake station of this event! A special event QSL card will be available for valid contacts with W2ICE. QSL information will be posted on the AWA website. W2ICE is operating as a 1929 station and contacts count just like any other station. The 1929 QSO Party was started in the early 1990’s and championed for many years by Bruce Kelly W2ICE, an AWA co-founder. Prior to Bruce’s passing, he asked his close friend John Rollins W1FPZ to keep the 29 QSO Party going. John Rollins managed the QSO party for many years and renamed it the Bruce Kelly 1929 QSO Party in honor of Bruce. Ten years ago John Rollins asked me to manage the 29 QSO Party for him and Bruce, and to keep the event alive because it meant so much to both of them.

Dates and Times: First two weekends of December, Saturday Dec 6 through Sunday Dec 7, and Saturday Dec 13 through Sunday Dec 14. Starts at 2300Z (6:00 PM EST) Saturday night and finishes at 2300Z (6:00 PM EST) Sunday night, both weekends.

Objective: Contact as many 1929 stations as possible. Contact exchange consists of RST, Name, QTH (State such as ME or MN or NY), last two digits of the year of the transmitters design or publication (such as 29 or 27 or 23), type of transmitter (such as TNT or TGTP or MOPA or COLPITTS), and power input (such as 6W or 9W).

Rules: Transmitters must be 1929 or earlier types of self oscillators such as the Hartley, TNT, PP tuned grid tuned plate, MOPA, Colpitts, etc. No crystal oscillators. Tubes must have been available during or before 1929. Typical tubes often used are type 10, 45, 27, 211, 71A. Individual stations can be worked only once on each band over the course of two weekends. You can use any vintage or modern receiver that you wish. The event is open to all 1929 stations including non-AWA members and AWA members. You are encouraged to join the AWA and support 1929 radio!

Input Power: Transmitters are limited to a power INPUT of 10 watts or less. However, to help make East-West contacts, power may be increased to 20 watts INPUT between the hours of 0500Z (12 Midnight EST) and 1300Z (8 AM EST). Note this is INPUT power. Power input is calculated by multiplying PA plate voltage x total PA plate current. Example: my plate voltage is 300 volts dc, and plate current is 30 ma, so total input power is 300 x 0.030 = 9 watts input. Stations running more power than this are considered “modern” for this event and do not count.

Frequencies: The QSO Party typically operates between 1800 to 1810 Kcs, 3550 to 3580 Kcs , 7100 to 7125 Kcs, plus or minus depending on QRM. 40 meter activity is up significantly because it offers both night time AND daytime propagation! So when 80 shuts down Sunday morning, I hope to see you on 40m.

Logs: Please submit your log so we can see who you worked and acknowledge your effort! Either electronically email your log to Scott at HYPERLINK "mailto:wa9wfa@..." wa9wfa@... or mail via post office to: Scott Freeberg WA9WFA, 327 Wildwood Avenue, Saint Paul, MN 55110. Logs must be in the 1929 QSO Party log format otherwise it will be difficult to score you. An official 1929 log sheet will be available for download from the AWA website. Please do not email logs to any other email address except to the WA9WFA account. Because of email problems in the past, I will acknowledge receipt of all email logs. If you do not receive an acknowledgement within a couple weeks, better check with me to make sure I received it.

Scoring: Remember that contacts with modern or high power stations DO NOT COUNT. Only count legitimate 1929 contacts. If you are contacted by a modern station, be polite, mention the AWA QSO Party and point them to the webpage for more information, then move on, or QSO them if you wish. We will count contacts with W2AN, the AWA club station. Scoring is simple. Add up the number of legitimate 1929 QSO’s. Example: if you make 15 QSO’s on 80 meters,10 QSO’s on 40 meters, and 5 QSO’s on 160 meters, your final score is 30. All submitted logs will be scored and the results published in the AWA Journal. Please submit logs by January 15, 2015. 73, Scott WA9WFA

10001. eBay Alert QST MAGAZINE 1924 Complete Year

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-22 11:57:35 UTC
From: Louis Vermond
Topic: 10001 Message: 10001

http://www.ebay.com/itm/QST-MAGAZINE-1924-Complete-Year-with-Library-Box-partial-index-/331390576945?ssPageName=ADME:SS:SS:US:1120

10002. Italian Marconi Spark Key -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-22 15:10:51 UTC
From: Mike Feher
Topic: 10002 Message: 10002
Attachments: 3 described; binary payloads are missing from this source WARC

This is the key I asked some questions about some time back, regarding straightening the lever. Tried very hard. Using brass stock on two sides in a large wise as wood was too soft, but, while made some progress, did not make too much. After a while it became obvious that the problem was really during initial manufacture, and, the hollow dowel going through the center of the lever was not inserted perfectly perpendicular to the lever. So, not much could be done there. So, just cleaned it up. Here are the finished photos, and if you would like to compare it to the way I got it, look at ebay item number 141450857712 .

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

10003. RE: [AWA Group] Italian Marconi Spark Key - [3 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-22 15:17:44 UTC
From: barry whittemore
Topic: 10002 Message: 10003

looks beautiful, just in time to use for bk.
barry
nf1o

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Sat, 22 Nov 2014 10:10:51 -0500
Subject: [AWA Group] Italian Marconi Spark Key - [3 Attachments]

This is the key I asked some questions about some time back, regarding straightening the lever. Tried very hard. Using brass stock on two sides in a large wise as wood was too soft, but, while made some progress, did not make too much. After a while it became obvious that the problem was really during initial manufacture, and, the hollow dowel going through the center of the lever was not inserted perfectly perpendicular to the lever. So, not much could be done there. So, just cleaned it up. Here are the finished photos, and if you would like to compare it to the way I got it, look at ebay item number 141450857712 . Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960

10004. RE: [AWA Group] Italian Marconi Spark Key -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-22 15:23:37 UTC
From: Mike Feher
Topic: 10002 Message: 10004

Thanks Barry, however, this may be a little too early for BK, unless I could use spark, HI. Besides, at this time I do not have anything else ready anyway. Maybe in a few years after I retire. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, November 22, 2014 10:18 AM
To: awa
Subject: RE: [AWA Group] Italian Marconi Spark Key -

looks beautiful, just in time to use for bk.
barry
nf1o

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Sat, 22 Nov 2014 10:10:51 -0500
Subject: [AWA Group] Italian Marconi Spark Key - [3 Attachments]

This is the key I asked some questions about some time back, regarding straightening the lever. Tried very hard. Using brass stock on two sides in a large wise as wood was too soft, but, while made some progress, did not make too much. After a while it became obvious that the problem was really during initial manufacture, and, the hollow dowel going through the center of the lever was not inserted perfectly perpendicular to the lever. So, not much could be done there. So, just cleaned it up. Here are the finished photos, and if you would like to compare it to the way I got it, look at ebay item number 141450857712 .

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

10005. Re: [AWA Group] Italian Marconi Spark Key -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-22 16:37:07 UTC
From: Steve
Topic: 10002 Message: 10005

Beautiful job Mike...look forward to working you with it one of these days!

73 / Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10006. Re: [AWA Group] Ready for the BK from W6 land [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-22 16:38:00 UTC
From: Steve
Topic: 9990 Message: 10006

A classic Doug, lovely job...did we work last year in the BK??

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10007. Re: [AWA Group] Re: Group] Hartley Drift? es don SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-22 19:35:30 UTC
From: dulmagedon@...
Topic: 9970 Message: 10007

Easy AM.
While I am somewhat obsessed with loop modulation I have played with other methods. (Cathode, screen suppressor etc) One was so called Simple grid modulator(which is not really what it is but that is OK.) from the Arrl book and it worked but seemed unnecessarily complicated to me for use on a simple transmitter. It violated Don's AM Rule which is "No Modulator shall contain more parts then the transmitter it is modulating." And so I played around with using a single triode to series modulate a transmitter in the B minus circuit. It actually works quite well. The first rig I used it on was my TNT which is now loop modulated. it worked well. However I was thinking about the Bare Essentials 50L6 transmitter I used the other night with Lou. Really I thought there was no real good reason that set up would not work on it as it is cahode keyed.. Today was the day. I dragged my wooden modulator with its 01A triode and my battery pack upstairs. Pulled the key out and plugged my contraption in the hole. gave my wife a RX set to 3555 with its antenna down (that is Ok in Canada. Phone down there although not a great idea) plugged in a carbon mic and instant readable AM. I have some phone band rocks so some real good night I will see if I can make a AM QSO. The circuit is very simple and will work on any cathode keyed rig including my ARC 5 stuff. Can be built in an hour or so .
don

10008. Re: [AWA Group] Ready for the BK from W6 land

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-23 01:10:45 UTC
From: Doug Forbes
Topic: 9990 Message: 10008

No, sorry Steve we didn't. Maybe this year.

Doug Forbes WA6VYN

On 11/22/2014 8:38 AM, 'Steve' ve7sl@... [AWAGroup] wrote:
> A classic Doug, lovely job...did we work last year in the BK??
>
> Steve
>
>
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
> VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
> http://ve7sl.blogspot.ca/
>
>
>
> ------------------------------------
> Posted by: "Steve" <VE7SL@...>
> ------------------------------------
>
>
> ------------------------------------
>
> Yahoo Groups Links
>
>
>
>

10009. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-23 13:16:17 UTC
From: Louis Vermond
Topic: 130 Message: 10009

http://www.ebay.com/itm/Antq-Eveready-No-774-Radio-Vacuum-Tube-B-Battery-Box/251724392193?_trksid=p2047675.c100005.m1851&_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D27711%26meid%3D29d0e91f997241c0a279592a8f01026f%26pid%3D100005%26prg%3D11385%26rk%3D1%26rkt%3D6%26sd%3D221607684348&rt=nc

10010. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-23 19:19:34 UTC
From: Louis Vermond
Topic: 130 Message: 10010
Attachments: 1 described; binary payloads are missing from this source WARC

What a trove....

http://www.ebay.com/itm/Vintage-1920s-Wooden-Wood-Five-Tube-Radio-Superadio-with-Battery/251722880087?_trksid=p2047675.c100005.m1851&_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D27711%26meid%3Da710b83db94743aba64af912b19446e0%26pid%3D100005%26prg%3D11385%26rk%3D5%26rkt%3D6%26sd%3D221607684348&rt=nc

10011. Italian Marconi Spark Key - WOW! Congrats Mike...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-24 01:21:42 UTC
From: Louis Vermond
Topic: 10011 Message: 10011
Attachments: 2 described; binary payloads are missing from this source WARC

So:

Did you take the photos?

Do you know its history?

How did you clean the brass? Did you lacquer the brass?

How did you de-oxidize the hard rubber knob?

The replacement switch knob came from where?

What did you use to clean or refinish the base?

Probable year(s) of manufacture?

Describe its "feel" please.

12 days until the Kelley. Think there is an award for the oldest key.

Lou

10012. Re: [AWA Group] Re: Group] Hartley Drift? es don SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-24 05:24:19 UTC
From: dulmagedon@...
Topic: 9970 Message: 10012

I found a 3736 crystal in my junk box and fired the rig up on it. Everything seems fine. I did some local testing with a receiver and a tape recorder. sounded pretty good. Now I need to try a real contact. I am fine with a SSB or CW reply since not everyone has AM. The carrier is easy to find as it has a distinct sound . After 9 PM EST seems good so long as the 3736 spot is open. Just need a quick contact and signal report.
don

10013. Yahoo Alert ... Noticed 17:20Z

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-24 17:24:58 UTC
From: Louis Vermond
Topic: 10013 Message: 10013

We're upgrading our systems and some functions of Yahoo! Groups will be unavailable for a few hours. Emails sent to your groups may be delivered late during this time. Thank you for your patience and understanding.

10014. ebay alert FB-XA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-24 17:39:25 UTC
From: JAMES HANLON
Topic: 10014 Message: 10014

There is a nice looking National FB-XA on ebay right now, with 20 meter coils and National Doghouse power supply. It apparently has no rust or dents and looks otherwise unmolested. It expires Tuesday at 8:16 pm. It is currently at $34 plus $32 shipping with six bids. It is item number 181589726975.

Jim, W8KGI

10015. Re: [AWA Group] ebay alert FB-XA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-24 17:44:25 UTC
From: Louis Vermond
Topic: 10014 Message: 10015

Thank you, Jim. Just enough restoration to make it fun.

Lou

There is a nice looking National FB-XA on ebay right now, with 20 meter coils and National Doghouse power supply. It apparently has no rust or dents and looks otherwise unmolested. It expires Tuesday at 8:16 pm. It is currently at $34 plus $32 shipping with six bids. It is item number 181589726975.

Jim, W8KGI

10016. Re: [AWA Group] Re: Group] Hartley Drift? es don SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-24 17:50:36 UTC
From: Louis Vermond
Topic: 9970 Message: 10016

Hi Don,

I'll listen for you, but pse give me a specific SKED time.

Which of ur rigs are you talking about here? My mic. still has not arrived. Lou

I found a 3736 crystal in my junk box and fired the rig up on it. Everything seems fine. I did some local testing with a receiver and a tape recorder. sounded pretty good. Now I need to try a real contact. I am fine with a SSB or CW reply since not everyone has AM. The carrier is easy to find as it has a distinct sound . After 9 PM EST seems good so long as the 3736 spot is open. Just need a quick contact and signal report.

10017. Re: [AWA Group] Re: Group] Hartley Drift? es don SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-24 20:22:21 UTC
From: dulmagedon@...
Topic: 9970 Message: 10017

Ok Lou,
How about 9pm EST , Freq 3736kcs. It is the same rig (bare essentials) we used last week BUT I have it on my homebrew series cathode modulator which sports a 01A triode and a carbon mic.. Never tried it on AM before. So if conditions are decent we know you can hear it and you know its sound. I will call CQ a few times.. If you hear me come back with whatever you have. Thank you for taking the time. I hope your carbon mic comes soon. The suspense is killing me.
don

10018. Re: [AWA Group] Re: Group] Hartley Drift? es don SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-24 20:30:19 UTC
From: Louis Vermond
Topic: 9970 Message: 10018

9pm EST , Freq 3736kcs. OK, Don. I'll be there looking for you. Will be on SSB. 73, Lou

----- Original Message -----
From: dulmagedon@yahoo.ca [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-11-24 3:22 PM
Subject: Re: [AWA Group] Re: Group] Hartley Drift? es don SKED

Ok Lou,

How about 9pm EST , Freq 3736kcs. It is the same rig (bare essentials) we used last week BUT I have it on my homebrew series cathode modulator which sports a 01A triode and a carbon mic.. Never tried it on AM before. So if conditions are decent we know you can hear it and you know its sound. I will call CQ a few times.. If you hear me come back with whatever you have. Thank you for taking the time. I hope your carbon mic comes soon. The suspense is killing me.

don

10019. Speaking of Drift

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-24 20:44:11 UTC
From: Doug Forbes
Topic: 9970 Message: 10019

I am on 7.096 now (20:45) with the P-P TNT and will just let the computer call CQ for a while in case anyone might be able to hear it.

Doug Forbes WA6VYN

10020. Re: Speaking of Drift

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-25 01:46:32 UTC
From: dulmagedon@...
Topic: 9970 Message: 10020

Doug, I just saw your post now. I am up for a sked anytime so I will watch for future heads-ups. I have a TNT 45 I can use. (also have a PPamp (pair of45s)for it but it doesn't seem to need it. Warming up the BE TX for the big test in a few minutes!
don

10021. Re: [AWA Group] Re: Speaking of Drift

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-25 01:49:12 UTC
From: Louis Vermond
Topic: 9970 Message: 10021

Warming up the BE TX for the big test in a few minutes! I'm ready to go.... Lou

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-11-24 8:46 PM
Subject: [AWA Group] Re: Speaking of Drift

Doug, I just saw your post now. I am up for a sked anytime so I will watch for future heads-ups. I have a TNT 45 I can use. (also have a PPamp (pair of45s)for it but it doesn't seem to need it. Warming up the BE TX for the big test in a few minutes!

don

10022. Re: [AWA Group] Re: Speaking of Drift

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-25 02:43:54 UTC
From: dulmagedon@...
Topic: 9970 Message: 10022

I could hear you Lou. Wasn't the best band conditions but your signal was readable and clear. Maybe a 5x6. If you couldn't hear my carrier we were beat since it is the same radio and antenna as last week. Some other day perhaps it might come through.
Many thanks anyway for trying.
don

10023. Re: [AWA Group] Re: Speaking of Drift

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-25 02:51:00 UTC
From: Louis Vermond
Topic: 9970 Message: 10023

My pleasure, Don. As u say, another time.

I will be away from home tomorrow and Weds. Perhaps the mic. will have arrived by then. 73 es GN, Lou VE3AWA

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-11-24 9:43 PM
Subject: Re: [AWA Group] Re: Speaking of Drift

I could hear you Lou. Wasn't the best band conditions but your signal was readable and clear. Maybe a 5x6. If you couldn't hear my carrier we were beat since it is the same radio and antenna as last week. Some other day perhaps it might come through.

Many thanks anyway for trying.

don

10024. Too Much Power?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-25 09:46:21 UTC
From: dulmagedon@...
Topic: 10024 Message: 10024

I was working on some of my rigs yesterday many of which are cathode keyed. So I started taking measurements by placing the Ammeter across the key terminals which turned it on and measured total b current. My 45 TNT has 8.037 watts input. if I understand the rules for BK that is too much? Perhaps it is time to build a TGTP and a more appropriate power supply, 80tube and all. I didn't measure the BE tx but will today.
don

10025. Re: [AWA Group] Too Much Power?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-25 12:40:23 UTC
From: Larry Szendrei
Topic: 10024 Message: 10025

On 11/25/14 4:46 AM, dulmagedon@... [AWAGroup] wrote:
>
> I was working on some of my rigs yesterday many of which are cathode
> keyed. So I started taking measurements by placing the Ammeter across
> the key terminals which turned it on and measured total b current. My
> 45 TNT has 8.037 watts input. if I understand the rules for BK that is
> too much? Perhaps it is time to build a TGTP and a more appropriate
> power supply, 80tube and all. I didn't measure the BE tx but will today.
>
>
Don,

The rules for the BK specify maximum 10W DC input (except between midnight and 6AM EST when you are allowed 20W input). So the TNT at 8.037 watts DC input is perfect. You must have some awfully precise volt/ammeters! ;-)

73,
-Larry/NE1S

10026. Re: [AWA Group] Too Much Power?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-25 18:10:49 UTC
From: Roger Kuchera
Topic: 10024 Message: 10026

Back off the coupling a tad and retune.

Roger/K1TG

On Tuesday, November 25, 2014 7:40 AM, "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

On 11/25/14 4:46 AM, dulmagedon@yahoo.ca [AWAGroup] wrote:

>
>I was working on some of my rigs yesterday many of which are cathode keyed. So I started taking measurements by placing the Ammeter across the key terminals which turned it on and measured total b current. My 45 TNT has 8.037 watts input. if I understand the rules for BK that is too much? Perhaps it is time to build a TGTP and a more appropriate power supply, 80tube and all. I didn't measure the BE tx but will today.
>
Don,

The rules for the BK specify maximum 10W DC input (except between midnight and 6AM EST when you are allowed 20W input). So the TNT at 8.037 watts DC input is perfect. You must have some awfully precise volt/ammeters! ;-)

73,
-Larry/NE1S

10027. Re: Too Much Power?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-25 18:58:44 UTC
From: dulmagedon@...
Topic: 10024 Message: 10027

Tis the digital age!
OK I am good then. So I can use the amp after midnight . I will check out its power.
don

10028. Re: [AWA Group] Too Much Power?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-27 02:32:40 UTC
From: dulmagedon@...
Topic: 10024 Message: 10028

Don't have coupling . Direct feed from centre of coil to a long wire. Have had better luck with that and used to have both on the rig but finally took the ant coil off . Have a 30s style TGTP I did the same with after testing. Both rigs do AM . The TNT does both CW and AM but the 30s rig is AM only. (6L6)
don

10029. Re: [AWA Group] Too Much Power?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-27 03:55:50 UTC
From: Steve
Topic: 10024 Message: 10029

wasn't direct-coupling made illegal in 1929?

> Don't have coupling . Direct feed from centre of coil to a long wire. Have
> had better luck with that and used to have both on the rig but finally
> took the ant coil off . Have a 30s style TGTP I did the same with after
> testing. Both rigs do AM . The TNT does both CW and AM but the 30s rig is
> AM only. (6L6)
> don
>
>

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

10030. Re: [AWA Group] Too Much Power?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-27 11:49:02 UTC
From: dulmagedon@...
Topic: 10024 Message: 10030

Could be. I didn't get that memo. Don't want to be illegal but it does work well. Since I use a long wire single feed, end fed it seemed pointless to have a coupling coil. I know of Hartleys with a windom fed similarly. I could feed through an appropriate cap . While we are here. I ran out of 45s . 2a3seemed to be a reasonable alternative and is easily found but is it on the pre 1929 list?
don

10031. Re: [AWA Group] Too Much Power?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-27 14:17:11 UTC
From: Niel - W0VLZ
Topic: 10024 Message: 10031

Don,

Please describe your antenna coupling scheme in detail or, better yet, post a schematic.

Is your TNT transmitter wiring like schematic fig. 704 on VE7SL's webpage at http://members.shaw.ca/ve7sl/tnt.html but minus L3?

Is your L1, the tank coil, B+ hot like the one in fig. 704?

Do you directly attach the antenna lead to your tank coil or it it connected through a fixed or variable capacitor? ie. do you have B+ on the antenna?

For your type 45 TNT what value of fig. 704 R2, the grid leak resistor, did you use?

Do you vary the tap point for best tone or maximum input power or maximum power into the antenna?

tnx es 73,
Niel - W0VLZ

dulmagedon@... [AWAGroup] wrote:
>
> Could be. I didn't get that memo. Don't want to be illegal but it does
> work well. Since I use a long wire single feed, end fed it seemed
> pointless to have a coupling coil. I know of Hartleys with a windom
> fed similarly. I could feed through an appropriate cap . While we are
> here. I ran out of 45s . 2a3seemed to be a reasonable alternative and
> is easily found but is it on the pre 1929 list?
>
> don
>
>

10032. Baked Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-27 15:56:24 UTC
From: w0vlz@...
Topic: 10032 Message: 10032

I've continued to not be satisfied with the stability of my Hull Hartley. Even after a long warmup it will drift 150-200 cycles during an average QSO exchange, enough that I get comments that my tone is fine but I'm drifting. I'm not talking about chirp but base frequency drift over a 1 to 2 minute transmission. The B+ voltage and current is constant, I'm driving a dummy load and nothing is moving close to the transmitter. The Nov 1930 writeup on the Push-Pull TNT (https://www.prismnet.com/~nielw/tnt/tnt.htm https://www.prismnet.com/~nielw/tnt/tnt.htm) hints at single tube transmitter stability problems by commenting that the Push-Pull circuit is more stable. I've noticed it also. My P-P TNT drifts about 40 cycles while my Hartley drifts 150-200.

One solution I tried was baking my Hartley. Maybe RF is driving humidity out of the transmitter baseboard as I transmit. That would cause a frequency shift. I removed the dials and RF ampmeter from my Harley, preheated the oven to 170 degree, turned the oven off and popped in my Hull Hartley to bake. (https://www.prismnet.com/~nielw/1928Hartley/BakedHartley.jpg https://www.prismnet.com/~nielw/1928Hartley/BakedHartley.jpg). I repeated this three times and then rechecked stability. I found the base frequency had indeed shifted at least 10% indicating that humidity was driven out of the base board but, unfortunately, stability did not improve.

Has anyone checked their single tube Hartley or TNT stability while transmitting using a frequency meter that can show a 10Hz change?

Niel - W0VLZ

10033. Re: [AWA Group] Baked Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-27 17:08:00 UTC
From: Bill Stewart
Topic: 10032 Message: 10033

Hi Niel...happy Thanksgiving.
I have been running my '29 Hartley on 40m for several days. I, too, have some drift. I haven't measured it, but I'd say a couple hundred cycles. I was first using a VT-25 and it drifted. Today I plugged in the 210 and it drifted also. And once and a while it jumped maybe 500 cycles, which it did not do last year. It seems that mine will drift to a point and then stop. If I get some time, maybe I will do a better check and see just which way it goes...down I think. I don't recall it being as bad on 80m. Otherwise, I'm getting pretty good reports...T8 with a little chirp...better on 80.

GL and let us know if you find the cause....73 de Bill K4JYS

----- Original Message -----

From: "w0vlz@aggienetwork.com [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Thursday, November 27, 2014 10:56:24 AM
Subject: [AWA Group] Baked Hartley

I've continued to not be satisfied with the stability of my Hull Hartley. Even after a long warmup it will drift 150-200 cycles during an average QSO exchange, enough that I get comments that my tone is fine but I'm drifting. I'm not talking about chirp but base frequency drift over a 1 to 2 minute transmission. The B+ voltage and current is constant, I'm driving a dummy load and nothing is moving close to the transmitter. The Nov 1930 writeup on the Push-Pull TNT (https://www.prismnet.com/~nielw/tnt/tnt.htm) hints at single tube transmitter stability problems by commenting that the Push-Pull circuit is more stable. I've noticed it also. My P-P TNT drifts about 40 cycles while my Hartley drifts 150-200.

One solution I tried was baking my Hartley. Maybe RF is driving humidity out of the transmitter baseboard as I transmit. That would cause a frequency shift. I removed the dials and RF ampmeter from my Harley, preheated the oven to 170 degree, turned the oven off and popped in my Hull Hartley to bake. (https://www.prismnet.com/~nielw/1928Hartley/BakedHartley.jpg). I repeated this three times and then rechecked stability. I found the base frequency had indeed shifted at least 10% indicating that humidity was driven out of the base board but, unfortunately, stability did not improve.

Has anyone checked their single tube Hartley or TNT stability while transmitting using a frequency meter that can show a 10Hz change?

Niel - W0VLZ

10034. Re: [AWA Group] Baked Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-27 17:24:39 UTC
From: Ron Barlow
Topic: 10032 Message: 10034

Hi Niel,
Are you using any solid dielectric caps in the tank ckt?
My experience with such caps, in LC power oscillators, has yielded drift problems. I even tried multiple silvered mica caps in parallel, to split the RF current between several different caps, in an effort to reduce the heating, and thus reduce the drift. An improvement, but the amount of drift continued to be excessive. There is simply too much circulating RF tank current, and even the best solid dielectric caps produced drift due to the small but significant amount of loss in the solid dielectric, which shifts the dielectric constant, resulting in drift.
Replacing the solid caps with an air dielectric cap cured the problem.
Anything that causes a reduction in DC to RF plate conversion efficiency, such as excessive circuit losses, improper grid bias, non optimimal feedback level, as well as attempting to run the tube at excessive DC input can also cause drift issues.
GL & 73 de Ron
stillerreduce the Replac

On Thu, 11/27/14, w0vlz@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] Baked Hartley
To: AWAGroup@yahoogroups.com
Date: Thursday, November 27, 2014, 10:56 AM

I've continued to not be satisfied
with the stability of my Hull Hartley. Even after a long
warmup it will drift 150-200 cycles during an average QSO
exchange, enough that I get comments that my tone is fine
but I'm drifting.
I'm not talking about
chirp but base frequency drift over a 1 to 2 minute
transmission. The B+ voltage and current is constant,
I'm driving a dummy load and nothing is moving close to
the transmitter. The Nov 1930 writeup on the
Push-Pull TNT (https://www.prismnet.com/~nielw/tnt/tnt.htm
) hints at single tube transmitter stability problems by
commenting that the Push-Pull circuit is more stable.
I've noticed it also. My P-P TNT drifts about 40 cycles
while my Hartley drifts 150-200.

One solution I tried was baking my
Hartley. Maybe RF is driving humidity out of the transmitter
baseboard as I transmit. That would cause a frequency
shift. I removed the dials and RF ampmeter from my
Harley, preheated the oven to 170 degree, turned the oven
off and popped in my Hull Hartley to bake. (
https://www.prismnet.com/~nielw/1928Hartley/BakedHartley.jpg
). I repeated this three times and then rechecked stability.

I found the base frequency had indeed shifted at least 10%
indicating that humidity was driven out of the base board
but, unfortunately, stability did not
improve.
Has anyone checked their single
tube Hartley or TNT stability while transmitting using a
frequency meter that can show a 10Hz change?

Niel - W0VLZ

10035. N3GJ -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-27 17:33:39 UTC
From: Mike Feher
Topic: 10035 Message: 10035

Please welcome George to our group. Hope all my friends on here, in the US, are having a great Thanksgiving. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

10036. Re: [AWA Group] Too Much Power?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-27 17:44:11 UTC
From: Larry Szendrei
Topic: 10024 Message: 10036

On 11/26/14 10:55 PM, 'Steve' ve7sl@... [AWAGroup] wrote:
>
> wasn't direct-coupling made illegal in 1929?
>
I don't know for sure, but I doubt it. A TNT using PP45s published in a 1933 (or was it 34?) connected the antenna directly to the tank coil through a DC blocking cap, and that's the same method I've een using on my PP TNT.

73,
-Larry/NE1S

10037. Re: [AWA Group] Baked Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-27 17:45:01 UTC
From: Steve
Topic: 10032 Message: 10037

Neil - I have not tried this but just a thought....while listening to the carrier, try to connect and then unconnect an extra 10pf across C2 (250pf), the capacitor across the grid leak. If the extra 10pf is shifting anything at all then perhaps C2 is heating and changing value...

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10038. Re: [AWA Group] Too Much Power?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-27 17:46:48 UTC
From: Larry Szendrei
Topic: 10024 Message: 10038

On 11/27/14 6:49 AM, dulmagedon@... [AWAGroup] wrote:
>
> Could be. I didn't get that memo. Don't want to be illegal but it does
> work well. Since I use a long wire single feed, end fed it seemed
> pointless to have a coupling coil. I know of Hartleys with a windom
> fed similarly. I could feed through an appropriate cap . While we are
> here. I ran out of 45s . 2a3seemed to be a reasonable alternative and
> is easily found but is it on the pre 1929 list?
>
>
Nope - the 2A3 didn't exist in 1929; It came out in the early 1930s.

Use a '27, or a pair in in parallel.

73,
-Larry/NE1S

10039. Re: [AWA Group] Too Much Power?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-27 18:11:06 UTC
From: dulmagedon@...
Topic: 10024 Message: 10039

My TNT is pretty straight forward. Nothing special. The problem arose when I was using it on the single wire end fed longwire. This antenna works at this QTH very well. in fact any of you who have worked me with Am it has been on this deal. I used to feed a Homebrew antenna tuner and then feed the single wire feed from there and ground the antenna tuner to the grounded water system. To many wires. I run a pair of Arc 5 here as well and the single wire just loved them. I was influenced by my Dad a radio design engineer who worked for GE, Collins and Pye. He told me to "Try everything you think of. " so I do. I tried drilling a hole in the centre of the main coil of the TNT , soldering a stiff lead in and hooking the antenna to it. Right away it liked it. In fact I worked Dave W2VW on Am with it the first time I tried it. Some of you know him I believe. I left the ant coil on for months but it never worked quite as good with it as the direct connection. Finally I removed it. Yes the coil has B+ . The rig is quite stable and doesn't drift unless I get my hands too close so I was happy with it. Recently I built a 6l6 TGTP single control (dual variable cap and two identical coils. It works pretty good although would do a bit better with one section adjustable even if only slightly. I had built it with an ant coil too but this week tried it the other way and it was very happy with that. Was in an AM group for a minute Mon with it and was told my call and that my signal did not have a lot of strength. I was more then happy he could copy me and understand me and thanked him and went on my way. I did not know that it was a questionable practice other then shock hazard perhaps for folks touching t which is in this case impossible however I light of that within 10 minutes of reading the warning I installed a fixed cap (.01) in each ant lead between coil take of and wire to the jack and tested them . It appeared not to hurt them so I am happy. Not interested in being illegal. Just interested in radio. Thanks for the info on the 2a3.
don

10040. Re: [AWA Group] Too Much Power?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-27 21:22:46 UTC
From: Ron Barlow
Topic: 10024 Message: 10040

FWIW, I used "direct coupling" to feed a single wire fed windom, in my novice rig, circa 1957.
The output tank of my 6AQ5 oscillator was series fed, so I did use a DC blocking cap.
The tap point on the output tank coil, was experimentally adjusted for max feeder current, as determined by a pilot lamp that was temporarily installed in series with the feedline connection.
The info for this scheme was derived from an old handbook, borrowed from a library, IIRC--vintage or title long ago forgotten.
It worked fb, and I never received any unwanted correspondence, re harmonic radiation, etc.
The fact that the little xmtr operated at a DC input of only 7 wts probably helped, in this regard.
73 & happy holiday to all de Ron n4gjv
(belated holiday wishes to our VE friends!)

On Thu, 11/27/14, Larry Szendrei ne1s@securespeed.us [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Too Much Power?
To: AWAGroup@yahoogroups.com
Date: Thursday, November 27, 2014, 12:46 PM
On
11/27/14 6:49 AM,
dulmagedon@...
[AWAGroup] wrote:

Could be. I didn't get that memo.
Don't want to be
illegal but it does work well. Since I use a
long wire
single feed, end fed it seemed pointless to
have a
coupling coil. I know of Hartleys with a
windom fed
similarly. I could feed through an
appropriate cap .
While we are here. I ran out of 45s .
2a3seemed to be a
reasonable alternative and is easily found but
is it on
the pre 1929 list?

Nope - the 2A3 didn't exist in 1929; It came out in
the early 1930s.

Use a '27, or a pair in in parallel.

73,

-Larry/NE1S

10041. Re: [AWA Group] Too Much Power?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-27 22:28:46 UTC
From: dulmagedon@...
Topic: 10024 Message: 10041

I don't suppose you still have that rig Ron. Sounds neat.
don

10042. Worked west with the TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-27 22:45:08 UTC
From: dulmagedon@...
Topic: 10042 Message: 10042

I had a good day in the shack. Was able to work Erie Penn on phone with my TNT. So CW would have been fine as well. About 190 miles ATCF. Measured power in 217 volts 37 mils under load.
don

10043. Re: [AWA Group] Worked west with the TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-27 22:57:43 UTC
From: Louis Vermond
Topic: 10042 Message: 10043

Was able to work Erie Penn on phone with my TNT. Sure wish that mic. would arrive... Lou

----- Original Message -----
From: dulmagedon@yahoo.ca [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-11-27 5:45 PM
Subject: [AWA Group] Worked west with the TNT

I had a good day in the shack. Was able to work Erie Penn on phone with my TNT. So CW would have been fine as well. About 190 miles ATCF. Measured power in 217 volts 37 mils under load.

don

10044. Re: [AWA Group] Worked west with the TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-28 03:12:21 UTC
From: dulmagedon@...
Topic: 10042 Message: 10044

I am waiting too. Should be a lot of fun.
don

10045. TGTP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-28 11:20:58 UTC
From: dulmagedon@...
Topic: 10045 Message: 10045

Is anyone building and running a TGTP as opposed to a TNT. If so is it steadier? I have a 6l6 one I am playing with and it would appear so at the moment. My 45 TNT is not bad however even a long key line does affect it a bit. 90 years ago it wouldn't have matter . Now folks can tell. I am tempted to try a 45 TGTP.
don

10046. Ebay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-28 11:29:06 UTC
From: Louis Vermond
Topic: 893 Message: 10046

http://www.ebay.com/itm/QSL-CARD-FROM-1939-W1TS-DON-MIX-QST-WRITER-AND-MCMILLAN-ARCTIC-EXPEDN-OPR-/131362782830?ssPageName=ADME:SS:SS:US:1120

10047. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-28 11:48:30 UTC
From: Louis Vermond
Topic: 130 Message: 10047

http://www.ebay.com/itm/NATIONAL-SW-3-radio-parrts-or-restore/271685239963?_trksid=p2047675.c100005.m1851&_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D27538%26meid%3D60259e30a020496daaa53595d87dc324%26pid%3D100005%26prg%3D11353%26rk%3D3%26rkt%3D6%26sd%3D121479814394&rt=nc

10048. eBay Alert Look see

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-28 12:31:10 UTC
From: Louis Vermond
Topic: 10048 Message: 10048

http://www.ebay.com/itm/RARE-ORIGINAL-COMPLETE-BOXED-SET-OF-FIVE-PILOT-WASP-SHORTWAVE-COILS-/151491124275?pt=Vintage_Electronics_R2&hash=item2345931c33

http://www.ebay.com/itm/RARE-ORIGINAL-BOX-40-METER-OSC-AND-DET-COIL-SET-FOR-NATIONAL-FB-7-FBX-A-/381068165540?pt=US_Ham_Radio_Receivers&hash=item58b96ec1a4

10049. Re: [AWA Group] Worked west with the TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-28 13:43:27 UTC
From: Larry Szendrei
Topic: 10042 Message: 10049

On 11/27/14 5:45 PM, dulmagedon@... [AWAGroup] wrote:
>
> I had a good day in the shack. Was able to work Erie Penn on phone
> with my TNT. So CW would have been fine as well. About 190 miles ATCF.
> Measured power in 217 volts 37 mils under load.
>
> don
>
Don - by any chance was it Russ WB3FAU whom you talked to?

10050. Re: [AWA Group] N3GJ -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-28 15:26:01 UTC
From: Roger Kuchera
Topic: 10035 Message: 10050

Howdy George!

Roger/K1TG

On Thursday, November 27, 2014 12:33 PM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Please welcome George to our group. Hope all my friends on here, in the US, are having a great Thanksgiving. 73 – Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

10051. Re: [AWA Group] Worked west with the TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-28 15:28:08 UTC
From: dulmagedon@...
Topic: 10042 Message: 10051

Well yes, How did you know?
I worked this morning more on the trying to improve its stability. I think I made some progress. I reworked the antenna feed as well and pushed it through a tuner which helps. Then I reworked my 6l6 rig making similar mods and changing the loop's position. I am very pleased with it although I have to watch my distance to the mic or it over modulates. I might put a pot in the circuit so I can prevent that. And then... I reworked my old ARRL style simple grid modulator as they call it ?????? and got it to function very well on my 50l6 (now 50c6) transmitter. I am going to quit for the day. Might be on later this afternoon. 7290 +or - and later tonite 3736 with the BE rig.
don

10052. Re: [AWA Group] Worked west with the TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-28 16:45:02 UTC
From: Larry Szendrei
Topic: 10042 Message: 10052

On 11/28/14 10:28 AM, dulmagedon@... [AWAGroup] wrote:
>
> Well yes, How did you know?
>
> .
>
>
Russ is very active on 40M AM from Erie PA, so I figured it was probably
him you talked to.

10053. Re: [AWA Group] Worked west with the TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-28 20:17:03 UTC
From: dulmagedon@...
Topic: 10042 Message: 10053

He was very patient. I was having trouble as it did not like the mod I made to the antenna circuit and so was misbehaving everytime I moved or wiggled. I was going to sign but he had me hang in for about 4 . Trying different volume of speaking into the mic speak farther away , now try closer ,etc. Then emailed me later. Very encouraging. And it was all very helpful as I was able to correct a lot of it afterwards now that I knew what was going on. I completely changed the ant output today using the central position but a coupling coil and the tuner. Seemed to really improve its manners at least from here. I now run the loop with the lamp installed as it seems to keep it in check that way. Can't wait till Lou gets his mic.. Should be a lot of fun!
don

10054. 50l6 test

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-29 11:23:24 UTC
From: dulmagedon@...
Topic: 10054 Message: 10054

I am going to try my 50L6 rig at 7 am EST this morning. I reworked one of my other cathode modulators and it give a lot more carrier power and deeper modulation. If any are around the carrier is quite distinctive and should be heard if conditions are decent at all. .The crystal I have is a 3736 so it should be near that if not right on. I grind many of my own crystals so sometimes a sneak by just a wee bit..
don
Other plan for today is to build a "orange crate" Hartley for a 1920s triode.

10055. Re: [AWA Group] Re: Homebrew and Old Time Equipment Party

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-29 16:41:06 UTC
From: Louis Vermond
Topic: 9954 Message: 10055

Thank you, Jim for sending this along. 73, Lou

----- Original Message -----
From: JAMES HANLON knjhanlon@... [AWAGroup]
To: AWA Group
Cc: John MacAulay
Sent: 2014-11-16 7:34 PM
Subject: [AWA Group] Re: Homebrew and Old Time Equipment Party

I didn't see the original post, probably because there are two recent "Digests" of the AWA Group postings missing from my inbox.

But, if you are looking for a user friendly "contest" that caters to Homebrew and Old Time Equipment, be sure to check out the Classic Exchange, http://www.classicexchange.org . The next CW edition of the CX runs on Sunday, January 18, from 1400 Z and goes to Monday, January 19 at 0800 Z, 9 am to 3 am EST. The late hour gives those of us in the West more time to have fun. There are suggested frequencies for all bands from 160 through 2 meters, and there is usually a lot of activity on 40 and 20 meters during the daylight hours and on 80 meters in the evening and night. There are even some CX operators in Japan who hang out on 15 meters. The AM/FM/SSB Phone section runs on Sunday, February 8, same hours and same bands. Note that the AM Phone CX will overlap with the AWA AM QSO Party which runs Sunday, February 8 until 2300Z, so there will be an opportunity to work AM stations then in both contests.

Part of the "score" for the CX is determined by the sum total of the ages of all of the transmitters and receivers you put on the air for three or more QSOs. Homebrew gear is counted as 25 years old unless it is actually older or its construction article is older. So all of our "1929" rigs will count as 85 years old in the 2015 CX. You can work the same station multiple times if either he or you switches one or more of the transmitters and receivers that he and you are using, so there is an opportunity for lots of QSOs during the contest. Equipment from any era is welcome, although obviously new gear is at a scoring disadvantage.

Y'all come and enjoy!

Jim, W8KGI

10056. New Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-30 01:34:04 UTC
From: dulmagedon@...
Topic: 10056 Message: 10056

Built a new 1920s Hartley today. Turned out looking pretty good. Will power it tomorrow. Built from a wooden tangerine crate and period correct it looks "right" Had to fudge a few values between what I wanted and what I had but I suspect it will be OK.
don

10057. Re: [AWA Group] New Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-30 14:05:57 UTC
From: Louis Vermond
Topic: 10056 Message: 10057

You are going to post photos, rite OM?

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-11-29 8:34 PM
Subject: [AWA Group] New Hartley

Built a new 1920s Hartley today. Turned out looking pretty good. Will power it tomorrow. Built from a wooden tangerine crate and period correct it looks "right" Had to fudge a few values between what I wanted and what I had but I suspect it will be OK.

don

10058. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-30 14:11:57 UTC
From: Louis Vermond
Topic: 130 Message: 10058

http://www.ebay.com/itm/Ameco-AC-1-Transmitter-Beautiful-/141489804800?ssPageName=ADME:SS:SS:US:1120

10059. Egads! Better work over time on your rig....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-30 16:12:25 UTC
From: Louis Vermond
Topic: 10059 Message: 10059

```
Time left to BK 2014
6 : 06 : 50 : 35
Day Hr Min Sec
```

10060. Getting ready for the Kelley....9 eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-30 17:54:08 UTC
From: Louis Vermond
Topic: 10060 Message: 10060

http://www.ebay.com/itm/Meter-Weston-Model-507-0-100-200685-For-2-1-16-Vtg-/381071555839?ssPageName=ADME:B:SS:CA:1120

10061. Needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-30 18:02:18 UTC
From: Louis Vermond
Topic: 10061 Message: 10061

Anyone here have a few wooden popsicle sticks available for sale or trade?

Tks, Lou?

10062. Re: [AWA Group] New Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-30 18:18:11 UTC
From: dulmagedon@...
Topic: 10056 Message: 10062

Yes, Just did, now for the "Smoke" test.
don

10063. RE: [AWA Group] Needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-30 18:23:33 UTC
From: Mike Feher
Topic: 10061 Message: 10063

Are you kidding? I think I have a whole bag full downstairs that I used for mixing epoxy. Curious what you need them for, but, I'll check after my nap and throw some in the mail for you. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, November 30, 2014 1:02 PM
To: AWAGroup
Subject: [AWA Group] Needed

Anyone here have a few wooden popsicle sticks available for sale or trade?

Tks, Lou?

10064. Popsicle sticks

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-30 18:28:38 UTC
From: dulmagedon@...
Topic: 10064 Message: 10064

My XYL just told me Lou our Canadian Dollarama stores keep them in their crafts departments. She also went on to say in the unlikely event your local store doesn't Michales has them as well but for a bit more gold.
don

10065. Re: [AWA Group] New Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-30 18:35:46 UTC
From: Roger Kuchera
Topic: 10056 Message: 10065

Don, remember to put a cardboard box over the unit before the test. If the smoke doesn't get out of the box......no problem! Right? :) :)

Roger/K1TG

On Sunday, November 30, 2014 1:18 PM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Yes, Just did, now for the "Smoke" test.
don

10066. Re: [AWA Group] Needed Don & Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-30 19:23:27 UTC
From: Louis Vermond
Topic: 10066 Message: 10066

My XYL just told me Lou our Canadian Dollarama stores keep them in their crafts departments. She also went on to say in the unlikely event your local store doesn't Michales has them as well but for a bit more gold. Don Tks to you and the Mrs., but none of those stores here.

Are you kidding? In dead earnest, Mike.

... think I have a whole bag full downstairs that I used for mixing epoxy. Great, but are they full size or akin to coffee stir sticks?

Curious what you need them for... A rig, what else... :0)

I'll check after my nap and throw some in the mail for you. Thanks. 73 - Lou

10067. Re: [AWA Group] New Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-11-30 21:25:23 UTC
From: dulmagedon@...
Topic: 10056 Message: 10067

Worked from the git go. Does 80M and 40M . Sounds not bad keying. Used the 01A because the heater control was an unknown quanity and I am protecting my 45s. Turned out to be a good call. The heater control doesn't work although it looks good. I will check it out tomorrow. About 1/2 the power of my 45 TNT. Key down 268 volts at 16 mils.
Had it on 3555 and then on 7111 where it still is.
don

10069. Re: [AWA Group] New Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-01 01:26:48 UTC
From: dulmagedon@...
Topic: 10056 Message: 10069

Heater control fixed. Tried 45 but my plate choke was a bit light and was getting a wee bit warm Will make a real one tomorrow. This one was a foundling .
don

10070. December 1, 2014 & Don's Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-01 13:40:33 UTC
From: Louis Vermond
Topic: 10070 Message: 10070

GM Don,

An appealing look about it. Both ur building and photography vastly improved, OM. Vry FB....

Lou

Updates in Your Groups

AWAGroup-AWAGroup dulmagedon added 3 photos to the New Hartley at VE3LYX folder

Visit Your Groups • Unsubscribe from the Updates Email
• Privacy. • Terms of Use

10071. RE: [AWA Group] Matching receiver for my one tuber

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-01 13:45:14 UTC
From: Mike Feher
Topic: 9918 Message: 10071

Don –

Looks like you may have an error in your schematic. I just saw it and did not understand the large fixed cap going from plate to ground. Could not read your notes on there. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, November 13, 2014 2:21 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Matching receiver for my one tuber

Good then the idea is not crazy. It is going quite well. I do about 2 section of the circuit per day and then quit. Rf section is almost done.

Meanwhile I keep my 1 tuber Tx at the ready in case the 40M band blows open.

Nice chat yesterday. thanks.

don

10072. REL 175?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-01 15:53:29 UTC
From: w0vlz@...
Topic: 10072 Message: 10072

Lou,

How did your REL 175 finally turn out? Are you planning to have it on the air for the BK?

Niel - W0VLZ

10073. [AWA Group] REL 175?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-01 16:07:10 UTC
From: Louis Vermond
Topic: 10072 Message: 10073

Lou, How did your REL 175 finally turn out? Are you planning to have it on the air for the BK? Niel - W0VLZ

GM morning Niel,

Yes it did. Yes I will. Photos posted here in the spring. If you wish, will send a few photos directly to you. Lou

10074. Re: [AWA Group] REL 175? & Niel

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-01 17:15:59 UTC
From: Louis Vermond
Topic: 10074 Message: 10074

Lou, How did your REL 175 finally turn out? Are you planning to have it on the air for the BK? Niel - W0VLZ

GM morning Niel,

Yes it did. Yes I will. Photos posted here in the spring. If you wish, will send a few photos directly to you. Lou

I'm in the middle of a project. Have to slow down here.

Turned out well...for what it is. Lou

10075. Re: [AWA Group] REL 175?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-01 17:21:44 UTC
From: w0vlz@...
Topic: 10072 Message: 10075

Lou,

I saw the photos (looks like a great rig to put on the air) and that you worked VE7SL but what sort of power can it run? (input and output) and how does it sound? What are you using for a power supply and receiver?

Right now I'll probably be running my P-P TNT with 210s at about 3 watts https://www.prismnet.com/~nielw/tnt/tnt.htm out and KX3/SW5 for the receiver. The weak link will be my antenna. If the Reverse Beacon Network is any indication, I should cover the near by states OK but east/west coasts will be a challange.

73,
Niel - W0VLZ

Lou, How did your REL 175 finally turn out? Are you planning to have it on the air for the BK? Niel - W0VLZ

GM morning Niel,

Yes it did. Yes I will. Photos posted here in the spring. If you wish, will send a few photos directly to you. Lou

10077. RE: [AWA Group] Matching receiver for my one tuber

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-02 00:40:52 UTC
From: dulmagedon@...
Topic: 9918 Message: 10077

Thanks all, I fixed it.(schematic) It is how I remember a Hartley I guess (. top to bottom , grid cathode ground) Although it doesn't have to be. I played with it this afternoon . I replaced the found choke which was a bit light with a homemade one and reworked the coil slightly. Got a good increase in current and seemed to show up in the antenna. Now drawing 24.6 mils. Didn't check the voltage but it is definitely stronger. In the process it became a duck (quack quack quack) but I can live with that. A stouter PS would help in that area. Called CQ on 3555 for 15 minutes, Heard someone there but they didn't comeback to me. Sounded like a similar styled rig. I am quite happy with the little gem. The notes, Mike are not real important. They basically point out that the circuit doesn't require exact values but will function with anything in the ball park. I used what I ad in old NOS or used stuff bt just to see if I was losing much I subbed in modern stuff of more exacting values. Difference was not noticeable even on meters so I am content on my original choices. Circuit is not unlike one presented in Radio News April 1927 except for antenna coil circuit. I used a set up that works with my long wire and I am comfy with. Seems to hold its freq well. Any drift is minor and less the some of my commercial rigs. I am going to leave the 01A in and maybe see if I can hunt down a 171A. I am protecting my 45 stash for my AM TNT. It doesn't take much to smoke them so I am going to leave them for the big rig. Hopefully someday I will get a contact.
don

10078. Re: [AWA Group] REL 175? & Niel

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-02 02:09:43 UTC
From: Louis Vermond
Topic: 10078 Message: 10078
Attachments: 1 described; binary payloads are missing from this source WARC

Lou,

... but what sort of power can it run? (input and output) Forgotten the input, but output at 400V B+ was 8W fully loaded less Hull's 15-20% back-off.

...and how does it sound? About average. Some key-down drift with T-6 to 7. Maybe 7SL could jump in here with a report?

What are you using for a power supply... The Heath PS-3

... and receiver? What else? NC-101X. (Tks agn.)

Right now I'll probably be running my P-P TNT with 210s at about 3 watts out and KX3/SW5 for the receiver. ...Sigh

The weak link will be my antenna... How about a kite a' la Marconi at Signal Hill?

. If the Reverse Beacon Network is any indication, I should cover the near by states OK but east/west coasts will be a challange. I'm in the running then...good.

Did the thumb arrive, Niel?

73,
Lou - VE3AWA

In tuning, do you find that the vernier drive makes hand-effect more pronounced?
You've dusted for the Big Nights, right?

10079. eBay Alert Nice

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-02 02:49:00 UTC
From: Louis Vermond
Topic: 10079 Message: 10079

http://www.ebay.ca/itm/Two-RCA-Radiotron-UX-245-45-globe-balloon-matching-date-pair-CX-345-eq-/221622318913?ssPageName=ADME:B:SS:CA:3160

Mfg. date: Jan. '31

10080. Re: [AWA Group] REL 175? & Niel

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-02 05:12:26 UTC
From: Niel - W0VLZ
Topic: 10078 Message: 10080

Lou,

Thumb arrived today just fine. Hope you were able to get the information
you needed and thanks for the card...neat addition.

Rochester's Signal Hill is within walking distance from here.
Unfortunately a TV station has it staked out and the warm spell here
this weekend is only up to 34 F...I'll stay in the basement.

When operating I put an 8" extension on the TNT vernier. Solves the hand
capacity problem.

73,
Niel - W0VLZ

Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> Lou,
>
> ... but what sort of power can it run? (input and output) Forgotten
> the input, but output at 400V B+ was 8W fully loaded less Hull's
> 15-20% back-off.
> ...and how does it sound? About average. Some key-down drift with T-6
> to 7. Maybe 7SL could jump in here with a report?
> What are you using for a power supply... The Heath PS-3
> ... and receiver? What else? NC-101X. (Tks agn.)
>
> Right now I'll probably be running myP-P TNT with 210s at about 3
> wattsout and KX3/SW5 for the receiver. ...Sigh
> The weak link will be my antenna... How about a kite a' la Marconi at
> Signal Hill?
> . If the Reverse Beacon Network is any indication, I should cover the
> near by states OK but east/west coasts will be a challange. I'm in the
> running then...good.
> Did the thumb arrive, Niel?
>
> 73,
> Lou - VE3AWA
> In tuning, do you find that the vernier drive makes hand-effect more
> pronounced?
> You've dusted for the Big Nights, right?
>

10081. Re: [AWA Group] REL 175? & Niel

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-02 09:49:13 UTC
From: Louis Vermond
Topic: 10078 Message: 10081

GM Niel,

Thumb arrived today just fine. Hope you were able to get the information you needed and thanks for the card...neat addition. Good

Rochester's Signal Hill is within walking distance from here. Unfortunately a TV station has it staked out and the warm spell here this weekend is only up to 34 F...I'll stay in the basement. Load their tower?

When operating I put an 8" extension on the TNT vernier. Solves the hand capacity problem. Like to see that. Photo?

73,
Lou

10082. Power test of new Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-02 17:11:55 UTC
From: dulmagedon@...
Topic: 10082 Message: 10082

266 volts key down at 24.6 mils measured this morning on 3555kc for 6.4 watts input. Awful quiet out there.
don

10083. Re: [AWA Group] Power test of new Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-02 17:57:49 UTC
From: Louis Vermond
Topic: 10082 Message: 10083

TNT sked this evening, Don? Lou

266 volts key down at 24.6 mils measured this morning on 3555kc for 6.4 watts input. Awful quiet out there.

don

10084. BK and 160 Meters

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-02 18:05:04 UTC
From: Bill Stewart
Topic: 10084 Message: 10084

Is there gonna be a 'schedule' or prime gathering time (s)
this year for 160 mtr operating?
de Bill K4JYS

10085. UK T&R Sept. '28 Non-Loop but intersting

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-02 18:07:09 UTC
From: Louis Vermond
Topic: 10085 Message: 10085
Attachments: 1 described; binary payloads are missing from this source WARC

Don,

Note position of mic. jack.

Is it necessary the rig be xtal control, anyone?

Do not have the rest of the article.

Don, get busy.... Lou

10086. Re: Power test of new Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-02 18:07:31 UTC
From: w0vlz@...
Topic: 10082 Message: 10086

Sounds like a pretty high B+ for an '01. How's your '01 holding up?

Have you tried checking the Reverse Beacon Network to see if you are getting out? After calling CQ (on CW) a few times go to
http://www.reversebeacon.net/dxsd1/dxsd1.php?f=0&c=ve7lyx&t=dx
http://www.reversebeacon.net/dxsd1/dxsd1.php?f=0&c=ve7lyx&t=dx to see where you are being heard and how loud.

73,
Niel - W0VLZ

10087. Re: [AWA Group] Re: Power test of new Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-02 18:34:41 UTC
From: Bill Stewart
Topic: 10082 Message: 10087

Niel,
I run 300vdc/20ma on a C-301A (1924 tube) in a '24 Meissner for 160m. I also have run a UX-301A at around 200vdc in a '29 TNT. I don't know if this was a stretch but have read of as much as 1000...yep, one and three zeros...being used back in the day...think that was from a note in a '20s QST. They seem to be pretty tuff. Doubt I'll go much over 300v. So far, no pblms with any of my '01As.
73, Bill K4JYS

----- Original Message -----

From: "w0vlz@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, December 2, 2014 1:07:31 PM
Subject: [AWA Group] Re: Power test of new Hartley

Sounds like a pretty high B+ for an '01. How's your '01 holding up?

Have you tried checking the Reverse Beacon Network to see if you are getting out? After calling CQ (on CW) a few times go to http://www.reversebeacon.net/dxsd1/dxsd1.php?f=0&c=ve7lyx&t=dx to see where you are being heard and how loud.

73,
Niel - W0VLZ

10088. Re: [AWA Group] UK T&R Sept. '28 Non-Loop but intersting [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-02 18:58:52 UTC
From: Larry Szendrei
Topic: 10085 Message: 10088

On 12/2/14 1:07 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
>
> Note position of mic. jack.

A grid-modulated oscillator*.

> Is it necessary the rig be xtal control, anyone?

Only if you want more AM than FM.

> Do not have the rest of the article.

Bummer.

*This was even done at (yikes!) VHF, in the '30s. I made a single-triode VHF transceiver, just for fun, from a mid-30s circuit using a type 76 tube. It's a grid-modulated oscillator in transmit and a self-quenched superregen in receive. Not practical to use on the air these days, though. I wrote it up in the AWA Journal a few years ago.

73,
-Larry/NE1S

10089. Re: [AWA Group] Re: Power test of new Hartley & Niel

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-02 19:58:30 UTC
From: Louis Vermond
Topic: 10089 Message: 10089

Hi Niel,

Sounds like a pretty high B+ for an '01. How's your '01 holding up? Did I type '01? The 175 was designed around the 210 which I used for that Mayne Island QSO.

Have you tried checking the Reverse Beacon Network to see if you are getting out? After calling CQ (on CW) a few times go to http://www.reversebeacon.net/dxsd1/dxsd1.php?f=0&c=ve7lyx&t=dx to see where you are being heard and how loud.

Tks. Thursday I'm setting up for the weekend. I'll do above that night. Shell we SKED on 80 Thurs.?

Lou

10090. Re: [AWA Group] Re: Power test of new Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-02 20:04:18 UTC
From: Louis Vermond
Topic: 10082 Message: 10090

Ego centred here. Sri... Lou

Niel,

I run 300vdc/20ma on a C-301A ... That's our Bill!! FB...

10091. Re: [AWA Group] UK T&R Sept. '28 Non-Loop but intersting ... Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-02 20:20:13 UTC
From: Louis Vermond
Topic: 10091 Message: 10091

Do not have the rest of the article.

Bummer. I will have that issue in a week or so. Will scan article and send it along to you.

Lou

10092. Re: [AWA Group] BK and 160 Meters

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-02 20:46:01 UTC
From: Louis Vermond
Topic: 10084 Message: 10092

Is there gonna be a 'schedule' or prime gathering time(s) this year for 160 mtr operating?
de Bill K4JYS

And 40 as well please. Lou

10093. Re: Power test of new Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-02 21:13:54 UTC
From: dulmagedon@...
Topic: 10082 Message: 10093

Like Bill I have seen folks running 1000 volts on an 01A. Not that I am going to and not that they were intended for that but more that they just happen to be able to stand it. I have run this one on this supply in the TNT as well in between 45s. 45s are the ones the die on me.
I think that type needs crystal control. I use cathode modulation a lot if I am not on the loop. I have three different systems . Two are mine, one is ARRL s The 1940 Radio Handbook has a lot on it. I use it on my ARC5s for instance and also my TNT occasionally. A lot of our FM difficulties comes from the transmitters themselves and not so much from the mod method. If you are honest with yourself you know you can not reach out and touch your transmitter when it is running without producing a whoop so holding a mic plugged into t has a similar effect unless you are very still. Also there is no control of modulation although I have tried that with an odd ball carbon mic and had some success. Too much of anything is too much.
Anyway. Enough of that. It works for me.
I would be up to try the Hartley tonite on CW , 80M or 40M.
Have I had it on phone yet? What do you think?
don
Heard you today Larry with the Timmer. Could only hear you both when on the beverage so didn't try.
Re the reverse beacon. It would be Dx for me from here. There are none in my area. Buffalo is the nearest.
don

10094. Re: [AWA Group] UK T&R Sept. '28 Non-Loop but intersting ... Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-02 22:42:55 UTC
From: dulmagedon@...
Topic: 10091 Message: 10094

It says Phone not carbon mic so I am betting it won't modulate enuf so you can hear it. You would need a couple of stages and it would be pointless to use the grid if that was so. I don't think the article is about modulation but is about how to add crystal control to an osc and the compensations in the value of C that must be made to get it to osc with the crystal installed. But give it a whirl. Nothing to lose but some time.
don

10095. Re: [AWA Group] REL 175? & Niel

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-02 22:59:21 UTC
From: w0vlz@...
Topic: 10078 Message: 10095

The 8" extension is nothing more than a 8" insulated shaft with a shaft coupling on one end and a knob on the other. I remove the knob from the TNT velvet vernier and put the extension in it's place.

Remember the tuning cap and vernier in this design is hot to B+. Using an uninsulated shaft would leave B+ hanging out there waiting for someone to have a nasty accident. Also, most verniers including the National type B (used on the SW3) arre unsafe on this transmitter. The little lever on the type B to control the amount of reduction is right next to the knob and would be hot to B+.

73,
Niel - W0VLZ

GM Niel,

<snip>

When operating I put an 8" extension on the TNT vernier. Solves the hand capacity problem. Like to see that. Photo?

73,
Lou

10096. Re: [AWA Group] REL 175? & Niel

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-02 23:43:25 UTC
From: Louis Vermond
Topic: 10078 Message: 10096

All good things to keep in mind, Niel.

After you've set up the station please post a photo here.

73, Lou

"Real Hams Key the B Negative."
Anonymous

10097. Revised Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 03:26:57 UTC
From: dulmagedon@...
Topic: 10097 Message: 10097

After building this one and poking around to see what others built back in the 20s and before I think there might be a simpler way to build a Hartley transmitter. (fewer parts) If I get a few moments in the next week or so I will give it a shot and see of it works. I suspect it will. Meanwhile I am up for a test with this one.
don

10098. Re: [AWA Group] Revised Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 03:39:45 UTC
From: Louis Vermond
Topic: 10097 Message: 10098

Meanwhile I am up for a test with this one. Tomorrow night on 80? Lou

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-12-02 10:26 PM
Subject: [AWA Group] Revised Hartley

After building this one and poking around to see what others built back in the 20s and before I think there might be a simpler way to build a Hartley transmitter. (fewer parts) If I get a few moments in the next week or so I will give it a shot and see of it works. I suspect it will. Meanwhile I am up for a test with this one.

don

10100. Re: [AWA Group] Ist QSO with the new rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 11:38:19 UTC
From: Louis Vermond
Topic: 10099 Message: 10100

I am stoked! First QSO I just finished with Dan W3DF Westminster MD. 315 miles ATCF. My RST was 547. He had a real nice strong signal. QSO lasted abt 37 minutes I believe. I think my hand will fall off! I was using my wooden key to because it follows your hand (stays right with you.) Congrats, Don.

I am out tomorrow night Lou but Thursday if you would like. OK. Name time and 80 mtr. freq pse. I'll have my Kelley stn ready to go by then. This QSO will be the shakedown.

73, Lou

10101. Re: [AWA Group] Re: Power test of new Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 11:52:47 UTC
From: Larry Szendrei
Topic: 10082 Message: 10101

On 12/2/14 4:13 PM, dulmagedon@... [AWAGroup] wrote:
>
> Like Bill I have seen folks running 1000 volts on an 01A. Not that I
> am going to and not that they were intended for that but more that
> they just happen to be able to stand it. I have run this one on this
> supply in the TNT as well in between 45s. 45s are the ones the die on
> me.
>
>
Don, the 45 has an oxide-coated filament vs. thoriated tungsten for the 01A, and it's not as forgiving yo running the filament above or below spec. Make sure your filament voltage is as close to 2.5V as possible.

Yep, was on 7290 AM yesterday talking to Tim WA1HKR, Al W1VTP, and Steve W2XU.

73,
-Larry/NE1S

10102. Re: [AWA Group] Ist QSO with the new rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 11:58:35 UTC
From: Larry Szendrei
Topic: 10099 Message: 10102

On 12/3/14 6:38 AM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> □
>
> I am stoked! First QSO I just finished with Dan W3DF Westminster MD.
> 315 miles ATCF. My RST was 547. He had a real nice strong signal. QSO
> lasted abt 37 minutes I believe. I think my hand will fall off! I was
> using my wooden key to because it follows your hand (stays right with
> you.) *Congrats, Don.*
>
>
Yes; congrats, Don!

10103. RE: [AWA Group] Re: Power test of new Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 11:59:21 UTC
From: Mike Feher
Topic: 10082 Message: 10103

Hey Larry – did Tim change his call, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 03, 2014 6:53 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: Power test of new Hartley

On 12/2/14 4:13 PM, dulmagedon@... [AWAGroup] wrote:

Like Bill I have seen folks running 1000 volts on an 01A. Not that I am going to and not that they were intended for that but more that they just happen to be able to stand it. I have run this one on this supply in the TNT as well in between 45s. 45s are the ones the die on me.

Don, the 45 has an oxide-coated filament vs. thoriated tungsten for the 01A, and it's not as forgiving yo running the filament above or below spec. Make sure your filament voltage is as close to 2.5V as possible.

Yep, was on 7290 AM yesterday talking to Tim WA1HKR, Al W1VTP, and Steve W2XU.

73,
-Larry/NE1S

10104. Re: [AWA Group] Ist QSO with the new rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 12:29:29 UTC
From: dulmagedon@...
Topic: 10099 Message: 10104

Ok. I think just north of 3555 say 3560 +or - as required should work. Seems empty there or was last night. Is 8PM too early? I will be downstairs on my longwire. Same one we used for the loop tests. My vintage PS is down there.
don

10105. Re: [AWA Group] Re: Power test of new Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 12:29:40 UTC
From: Larry Szendrei
Topic: 10082 Message: 10105

Nah, just a typo. Too early! :-)

On 12/3/14 6:59 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Hey Larry – did Tim change his call, HI. 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Wednesday, December 03, 2014 6:53 AM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* Re: [AWA Group] Re: Power test of new Hartley
>
> On 12/2/14 4:13 PM, dulmagedon@... <mailto:dulmagedon@...>
> [AWAGroup] wrote:
>
> Like Bill I have seen folks running 1000 volts on an 01A. Not
> that I am going to and not that they were intended for that but
> more that they just happen to be able to stand it. I have run this
> one on this supply in the TNT as well in between 45s. 45s are the
> ones the die on me.
>
> Don, the 45 has an oxide-coated filament vs. thoriated tungsten for
> the 01A, and it's not as forgiving yo running the filament above or
> below spec. Make sure your filament voltage is as close to 2.5V as
> possible.
>
> Yep, was on 7290 AM yesterday talking to Tim WA1HKR, Al W1VTP, and
> Steve W2XU.
>
> 73,
> -Larry/NE1S
>
>
>
>

10106. Re: [AWA Group] Re: Power test of new Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 12:37:33 UTC
From: dulmagedon@...
Topic: 10082 Message: 10106

So I have discovered. If you are lucky with a 45 you get one chance . The 01A doesn't care. In fact I read an article once on rejuvenating 01A by running them free at 40 volts for a while. Whether that is true or not I will never know! When I put the B+ to the 01a I am more then content with its output. I have a special PS for my vintage rigs with a heater rheo built in and filtered DC voltage . I need to build a specific 2.5 volt unit . A radios here are wire the same for their PS connection. I use 7AC tube socket wiring. And that includes my ARC 5s. I would like to make a vintage PS as well . I have several 80 tubes but transformers are not easy to find (yet)

10107. RE: [AWA Group] Re: Power test of new Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 12:40:09 UTC
From: Mike Feher
Topic: 10082 Message: 10107

I knew that, was just pulling your leg, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 03, 2014 7:30 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: Power test of new Hartley

Nah, just a typo. Too early! :-)

On 12/3/14 6:59 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

Hey Larry – did Tim change his call, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 03, 2014 6:53 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: Power test of new Hartley

On 12/2/14 4:13 PM, dulmagedon@... [AWAGroup] wrote:

Like Bill I have seen folks running 1000 volts on an 01A. Not that I am going to and not that they were intended for that but more that they just happen to be able to stand it. I have run this one on this supply in the TNT as well in between 45s. 45s are the ones the die on me.

Don, the 45 has an oxide-coated filament vs. thoriated tungsten for the 01A, and it's not as forgiving yo running the filament above or below spec. Make sure your filament voltage is as close to 2.5V as possible.

Yep, was on 7290 AM yesterday talking to Tim WA1HKR, Al W1VTP, and Steve W2XU.

73,
-Larry/NE1S

10108. Re: [AWA Group] Re: Power test of new Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 12:43:53 UTC
From: dulmagedon@...
Topic: 10082 Message: 10108

Tim always signs as WA1HL"E"R or so it sounds here even though it isn't. I listened to him for years and was telling another Ham friend how I listened to this "Old Guy" expound on audio chain mods. Imagine my shock when I discovered he is less then 5 months older then me! I have worked him once but was always nervous as I like "bandits at 12 o'clock" audio, not WKBW audio. I always believed an old radio should sound like an old radio. For me it is part of its charm.
don

10109. Re: [AWA Group] Re: Power test of new Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 13:15:10 UTC
From: Larry Szendrei
Topic: 10082 Message: 10109

On 12/3/14 7:43 AM, dulmagedon@... [AWAGroup] wrote:
>
> Tim always signs as WA1HL"E"R or so it sounds here even though it
> isn't. I listened to him for years and was telling another Ham friend
> how I listened to this "Old Guy" expound on audio chain mods. Imagine
> my shock when I discovered he is less then 5 months older then me! I
> have worked him once but was always nervous as I like "bandits at 12
> o'clock" audio, not WKBW audio. I always believed an old radio should
> sound like an old radio. For me it is part of its charm.
>
> don
>
>
Don - in amateur radio, it's all good. Whatever floats yer boat!

73,
-Larry/NE1S

10110. RE: [AWA Group] Re: Power test of new Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 13:24:49 UTC
From: Mike Feher
Topic: 10082 Message: 10110

Yep, I agree. On my T-368F I did everything possible to make it sound like it had broadcast audio, including using a ribbon mike. All of my other AM rigs stayed stock as they were. Especially the WWII gear that I used on AM. It just seems that if you are running a 400 watt carrier on AM, it should sound both strong and of good quality. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 03, 2014 8:15 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: Power test of new Hartley

On 12/3/14 7:43 AM, dulmagedon@yahoo.ca [AWAGroup] wrote:

Tim always signs as WA1HL"E"R or so it sounds here even though it isn't. I listened to him for years and was telling another Ham friend how I listened to this "Old Guy" expound on audio chain mods. Imagine my shock when I discovered he is less then 5 months older then me! I have worked him once but was always nervous as I like "bandits at 12 o'clock" audio, not WKBW audio. I always believed an old radio should sound like an old radio. For me it is part of its charm.

don

Don - in amateur radio, it's all good. Whatever floats yer boat!

73,
-Larry/NE1S

10111. Re: [AWA Group] Ist QSO with the new rig SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 13:49:47 UTC
From: Louis Vermond
Topic: 10111 Message: 10111

Ok. I think just north of 3555 say 3560 +or - as required should work. Seems empty there or was last night. Is 8PM too early? I will be downstairs on my longwire. Same one we used for the loop tests. My vintage PS is down there.

OK. 8s fine. 3560 is the QRP calling freq. Btr name another.

Pse have ur loop wihtin reach. You call me. CUL, Lou

10112. BK Shakedown

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 14:38:50 UTC
From: w0vlz@...
Topic: 10112 Message: 10112

Starting about 8:30 CST tonight, Dec 3, I'll be hanging out between 3550 and 3560 with my P-P 210s TNT looking for a QSO. Check
http://www.reversebeacon.net/dxsd1/dxsd1.php?f=0&c=w0vlz&t=dx
http://www.reversebeacon.net/dxsd1/dxsd1.php?f=0&c=w0vlz&t=dx for the frequency.

Niel - W0VLZ

10113. Re: [AWA Group] BK Shakedown

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 15:19:56 UTC
From: Louis Vermond
Topic: 10112 Message: 10113

I'll look for you. Lou

----- Original Message -----
From: w0vlz@aggienetwork.com [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-12-03 9:38 AM
Subject: [AWA Group] BK Shakedown

Starting about 8:30 CST tonight, Dec 3, I'll be hanging out between 3550 and 3560 with my P-P 210s TNT looking for a QSO. Check http://www.reversebeacon.net/dxsd1/dxsd1.php?f=0&c=w0vlz&t=dx for the frequency.

Niel - W0VLZ

10114. Re: [AWA Group] Re: Power test of new Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 17:29:06 UTC
From: dulmagedon@...
Topic: 10082 Message: 10114

Yes I know ,been at it over 30 years and I have no problem with what floats others boats. To each his own for sure. Got lucky, Dan recorded the QSO and just sent it to me. Lou,You mean put a loop on my new CW rig? I can rig one up I guess. Don't want it permanent though. The TNT is my main phone rig. I think I am gonna sell the heathkit stuff. Too many tubes doing not much!
don

10115. RE: [AWA Group] Re: Power test of new Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 17:53:36 UTC
From: Mike Feher
Topic: 10082 Message: 10115

Wow, only 30 years, HI. I started playing with ham radio around 1958, but, could not get my ticket till 1963 when I became a citizen. So, I have been active for over 51 years on the air. Who would have thought? Certainly not me looking back.

It is neat to get a tape. Back about 25 or more years ago I was on the air with my T-368F on 75, or maybe 160, now I am not sure, with KW1I and a station in AZ and another in the Midwest. I was running full 400 watts carrier on the T-368F. Then I switched over to my military BC-474 putting out a little over 2 watts. Dale was able to hear me, and one of the other guys could tell I was in there. At the time I was living in Manassas VA, just west of DC. Regardless, about a week later I get a cassette from an SWL in Wisconsin, who heard both rigs and taped it for me. That was a real treat. I still have the tape downstairs. Need to find a cassette player and listen to it again one of these days. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 03, 2014 12:29 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: Power test of new Hartley

Yes I know ,been at it over 30 years and I have no problem with what floats others boats. To each his own for sure. Got lucky, Dan recorded the QSO and just sent it to me. Lou,You mean put a loop on my new CW rig? I can rig one up I guess. Don't want it permanent though. The TNT is my main phone rig. I think I am gonna sell the heathkit stuff. Too many tubes doing not much!

don

10116. Re: BK Shakedown

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 19:36:34 UTC
From: w0vlz@...
Topic: 10112 Message: 10116

Lou,

Thanks. Maybe you and Don can also call CQ a few times. I'd like to see how the RBN responds.

73,
Niel - W0VLZ

I'll look for you. Lou

10117. RE: [AWA Group] Re: Power test of new Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 20:07:29 UTC
From: dulmagedon@...
Topic: 10082 Message: 10117

I should have got mine earlier. I fought learning the code for many years then later in life realized, "Do you want your ham ticket? Then learn the code." Took all of about 6 weeks of hard work and I got it. What is that old saying? "Zu bald alt und zu spaet weis". The rig sounded better then I would have thought. I couldn't detect a chirp but maybe I am just going deaf. I was nice of him to record it . I am sure you were thrilled to hear yours too. I have a BC454 rx and two ARC5 txs on AM (cathode modulated.) Not real strong but can be heard in good conditions.
don

10118. BK Shakedown Tonights SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 20:29:52 UTC
From: Louis Vermond
Topic: 10118 Message: 10118

Lou, Thanks. Maybe you and Don can also call CQ a few times. I'd like to see how the RBN responds. 73, Niel - W0VLZ I'll look for you. Lou

GA Niel,

Don won't be on this evening. Something about, "junge Frauen", but I don't talk German.

Note's made. Timer set. With any luck I'll be there at 8:30 CST on the dot. Please call me.

Lou

3550 and 3560

10119. RBN (was Re: [AWA Group] BK Shakedown Tonights SKED)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 21:03:32 UTC
From: Larry Szendrei
Topic: 10118 Message: 10119

On 12/3/14 3:29 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> □
>
> Lou, Thanks. Maybe you and Don can also call CQ a few times. I'd like
> to see how the RBN responds. 73, Niel - W0VLZ
>
This morning I was calling CQ on my tri-tet starting on 10M, then 15M, then 20M (hopefully not all at the same time!) with a 7010 KHz rock. No answers. I was working into my three-element tribander with the reflector broken by the Thanksgiving eve snowstorm.

No answers; checked the reverse-beacon network, nada.

Then just now I get an email from a guy (K1DW) in Louisiana saying he tried to answer me on 15M but I didn't respond. I definitely was listening to my frequency (at least the intended one, see above) but I didn't hear him. Was using my R-390A rcvr; no problem hearing on that one. On each band I checked my frequency with a counter, so I know I was tuned up on the correct harmonic.

When I'm using the "crude" rigs I'm going to start making notes of when I call CQ and on what band, so if this happens again, I can check if someone tried responding to a harmonic.

73
-Larry/NE1S

10120. Re: BK Shakedown Tonights SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 21:29:18 UTC
From: dulmagedon@...
Topic: 10118 Message: 10120

Nicht junge.
If I get home before 9 my time I may listen in. I am all tuned up on 3558 and just for you Lou I fabbed up a drop in loop and tested it. Drives a bit hard but will be Ok for a test. If you both have gone by then I will catch you tomorrow night.
don

10121. Re: BK Shakedown Tonights SKED 8:30 CST

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 22:03:00 UTC
From: Niel - W0VLZ
Topic: 10121 Message: 10121

Lou,

I'll try for 3555 at 8:30CST/9:30EST tonight.

I'll call you but don't be shy about calling me some also.

73,
Niel - W0VLZ

> Lou, Thanks. Maybe you and Don can also call CQ a few times. I'd like
> to see how the RBN responds. 73, Niel - W0VLZ I'll look for you. Lou
>
> GA Niel,
>
> Don won't be on this evening. Something about, "junge Frauen", but I
> don't talk German.
>
> Note's made. Timer set. With any luck I'll be there at 8:30 CST on the
> dot. Please call me.
>
> Lou
>
> 3550 and 3560
>

10122. Re: [AWA Group] Re: BK Shakedown Tonights SKED 8:30 CST

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 22:16:55 UTC
From: N1BUG
Topic: 10121 Message: 10122

If I'm still awake, I will be lurking around also. Things are not
pretty here. I have heavy buzz from a renegade switching power
supply but with several receive antennas to choose from I think I
can hear OK. The bigger problem may be my transmit antenna which is
coated with ice. The TNT doesn't like it.

73,
Paul "Bugsy" N1BUG

On 12/03/2014 05:03 PM, Niel - W0VLZ w0vlz@...
[AWAGroup] wrote:
> Lou,
>
> I'll try for 3555 at 8:30CST/9:30EST tonight.
>
> I'll call you but don't be shy about calling me some also.
>
> 73,
> Niel - W0VLZ
>
>> Lou, Thanks. Maybe you and Don can also call CQ a few times. I'd like
>> to see how the RBN responds. 73, Niel - W0VLZ I'll look for you. Lou
>>
>> GA Niel,
>>
>> Don won't be on this evening. Something about, "junge Frauen", but I
>> don't talk German.
>>
>> Note's made. Timer set. With any luck I'll be there at 8:30 CST on the
>> dot. Please call me.
>>
>> Lou
>>
>> 3550 and 3560
>>
>
>
>
> ------------------------------------
> Posted by: Niel - W0VLZ <w0vlz@...>
> ------------------------------------
>
>
> ------------------------------------
>

> Yahoo Groups Links
>
>
>
>

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Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

10123. Re: [AWA Group] Re: BK Shakedown Tonights SKED 8:30 CST

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 22:41:01 UTC
From: N1BUG
Topic: 10121 Message: 10123

Seems some RF is escaping however :-)

W8WTS N1BUG 3555.5 CW CQ [LoTW] 10 dB 17 wpm 2237z 03 Dec
KM3T N1BUG 3555.5 CW CQ [LoTW] 25 dB 18 wpm 2237z 03 Dec
NY3A N1BUG 3555.5 CW CQ [LoTW] 20 dB 18 wpm 2237z 03 Dec
WZ7I N1BUG 3555.6 CW CQ [LoTW] 23 dB 15 wpm 2234z 03 Dec
W4KKN N1BUG 3555.6 CW CQ [LoTW] 17 dB 15 wpm 2234z 03 Dec
K3MM N1BUG 3555.6 CW CQ [LoTW] 22 dB 15 wpm 2233z 03 Dec
W8WWV N1BUG 3555.6 CW CQ [LoTW] 15 dB 14 wpm 2233z 03 Dec
K8AZ N1BUG 3555.6 CW CQ [LoTW] 15 dB 15 wpm 2233z 03 Dec
K1TTT N1BUG 3555.6 CW CQ [LoTW] 20 dB 15 wpm 2233z 03 Dec

Bugsy

On 12/03/2014 05:16 PM, N1BUG paul@... [AWAGroup] wrote:
> If I'm still awake, I will be lurking around also. Things are not
> pretty here. I have heavy buzz from a renegade switching power
> supply but with several receive antennas to choose from I think I
> can hear OK. The bigger problem may be my transmit antenna which is
> coated with ice. The TNT doesn't like it.
>
> 73,
> Paul "Bugsy" N1BUG
>
>
> On 12/03/2014 05:03 PM, Niel - W0VLZ w0vlz@...
> [AWAGroup] wrote:
>> Lou,
>>
>> I'll try for 3555 at 8:30CST/9:30EST tonight.
>>
>> I'll call you but don't be shy about calling me some also.
>>
>> 73,
>> Niel - W0VLZ
>>
>>> Lou, Thanks. Maybe you and Don can also call CQ a few times. I'd like
>>> to see how the RBN responds. 73, Niel - W0VLZ I'll look for you. Lou
>>>
>>> GA Niel,
>>>
>>> Don won't be on this evening. Something about, "junge Frauen", but I
>>> don't talk German.
>>>
>>> Note's made. Timer set. With any luck I'll be there at 8:30 CST on the
>>> dot. Please call me.

>>>
>>> Lou
>>>
>>> 3550 and 3560
>>>
>>
>>
>>
>> ------------------------------------
>> Posted by: Niel - W0VLZ <w0vlz@...>
>> ------------------------------------
>>
>>
>> ------------------------------------
>>
>> Yahoo Groups Links
>>
>>
>>
>>
>

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

10124. Re: [AWA Group] Re: BK Shakedown Tonights SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 22:46:25 UTC
From: Louis Vermond
Topic: 10118 Message: 10124

OK Don. At 9:30 EST I'll look for Niel. After we've made contact and done our RSTs etc. I'll pass it over to you for possible call.

I'd rather you and I stick with our Thursday night SKED.

73, Lou

Nicht junge.

If I get home before 9 my time I may listen in. I am all tuned up on 3558 and just for you Lou I fabbed up a drop in loop and tested it. Drives a bit hard but will be Ok for a test. If you both have gone by then I will catch you tomorrow night.

don

10125. Re: [AWA Group] Re: BK Shakedown Tonights SKED 8:30 CST

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 22:47:59 UTC
From: Louis Vermond
Topic: 10121 Message: 10125

Lou, I'll try for 3555 at 8:30CST/9:30EST tonight. I'll call you but don't be shy about calling me some also. 73, Niel - W0VLZ

Got it, Niel. CUL, Lou

10126. Re: [AWA Group] Re: BK Shakedown Tonights SKED 8:30 CST

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 22:50:23 UTC
From: Louis Vermond
Topic: 10121 Message: 10126

And then some, Bugs. Hope you drop in tonight. Lou

Seems some RF is escaping however :-)

W8WTS N1BUG 3555.5 CW CQ [LoTW] 10 dB 17 wpm 2237z 03 Dec
KM3T N1BUG 3555.5 CW CQ [LoTW] 25 dB 18 wpm 2237z 03 Dec
NY3A N1BUG 3555.5 CW CQ [LoTW] 20 dB 18 wpm 2237z 03 Dec
WZ7I N1BUG 3555.6 CW CQ [LoTW] 23 dB 15 wpm 2234z 03 Dec
W4KKN N1BUG 3555.6 CW CQ [LoTW] 17 dB 15 wpm 2234z 03 Dec
K3MM N1BUG 3555.6 CW CQ [LoTW] 22 dB 15 wpm 2233z 03 Dec
W8WWV N1BUG 3555.6 CW CQ [LoTW] 15 dB 14 wpm 2233z 03 Dec
K8AZ N1BUG 3555.6 CW CQ [LoTW] 15 dB 15 wpm 2233z 03 Dec
K1TTT N1BUG 3555.6 CW CQ [LoTW] 20 dB 15 wpm 2233z 03 Dec

Bugsy

10127. Re: RBN (was Re: [AWA Group] BK Shakedown Tonights SKED) & Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-03 22:53:10 UTC
From: Louis Vermond
Topic: 10127 Message: 10127

Larry, Will you be lurking about 3555 to night? Lou

10128. Re: [AWA Group] Re: BK Shakedown Tonights SKED 8:30 CST

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-04 02:10:25 UTC
From: Daniel Petersen
Topic: 10121 Message: 10128

I'll be listening on the west coast (CN85) on +/-3555 at 18:30pdt (02:30z)
73,
Dan - W7OIL

On Wed, Dec 3, 2014 at 2:50 PM, Louis Vermond ldvermond@sympatico.ca
[AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> And then some, Bugs. *Hope* you drop in tonight. Lou
>
>
> Seems some RF is escaping however :-)
>
> W8WTS N1BUG 3555.5 CW CQ [LoTW] 10 dB 17 wpm 2237z 03 Dec
> KM3T N1BUG 3555.5 CW CQ [LoTW] 25 dB 18 wpm 2237z 03 Dec
> NY3A N1BUG 3555.5 CW CQ [LoTW] 20 dB 18 wpm 2237z 03 Dec
> WZ7I N1BUG 3555.6 CW CQ [LoTW] 23 dB 15 wpm 2234z 03 Dec
> W4KKN N1BUG 3555.6 CW CQ [LoTW] 17 dB 15 wpm 2234z 03 Dec
> K3MM N1BUG 3555.6 CW CQ [LoTW] 22 dB 15 wpm 2233z 03 Dec
> W8WWV N1BUG 3555.6 CW CQ [LoTW] 15 dB 14 wpm 2233z 03 Dec
> K8AZ N1BUG 3555.6 CW CQ [LoTW] 15 dB 15 wpm 2233z 03 Dec
> K1TTT N1BUG 3555.6 CW CQ [LoTW] 20 dB 15 wpm 2233z 03 Dec
>
> Bugsy
>
>
>

--

73,
Dan - W7OIL

10129. Re: [AWA Group] Re: BK Shakedown Tonights SKED 8:30 CST

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-04 02:21:57 UTC
From: Louis Vermond
Topic: 10121 Message: 10129

Hoping condx are good for you. Lou

----- Original Message -----
From: Daniel Petersen dan.w7oil@... [AWAGroup]
To: awagroup
Sent: 2014-12-03 9:10 PM
Subject: Re: [AWA Group] Re: BK Shakedown Tonights SKED 8:30 CST

I'll be listening on the west coast (CN85) on +/-3555 at 18:30pdt (02:30z)
73,
Dan - W7OIL

On Wed, Dec 3, 2014 at 2:50 PM, Louis Vermond ldvermond@... [AWAGroup]
<AWAGroup@yahoogroups.com> wrote:

And then some, Bugs. Hope you drop in tonight. Lou

Seems some RF is escaping however :-)

W8WTS N1BUG 3555.5 CW CQ [LoTW] 10 dB 17 wpm 2237z 03 Dec
KM3T N1BUG 3555.5 CW CQ [LoTW] 25 dB 18 wpm 2237z 03 Dec
NY3A N1BUG 3555.5 CW CQ [LoTW] 20 dB 18 wpm 2237z 03 Dec
WZ7I N1BUG 3555.6 CW CQ [LoTW] 23 dB 15 wpm 2234z 03 Dec
W4KKN N1BUG 3555.6 CW CQ [LoTW] 17 dB 15 wpm 2234z 03 Dec
K3MM N1BUG 3555.6 CW CQ [LoTW] 22 dB 15 wpm 2233z 03 Dec
W8WWV N1BUG 3555.6 CW CQ [LoTW] 15 dB 14 wpm 2233z 03 Dec
K8AZ N1BUG 3555.6 CW CQ [LoTW] 15 dB 15 wpm 2233z 03 Dec
K1TTT N1BUG 3555.6 CW CQ [LoTW] 20 dB 15 wpm 2233z 03 Dec

Bugsy

--

73,
Dan - W7OIL

10130. Re: [AWA Group] Re: BK Shakedown Tonights SKED 8:30 CST

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-04 02:53:32 UTC
From: N1BUG
Topic: 10121 Message: 10130

Niel... TNX QSO! Had a bit of QRN here but was getting 95% copy on you. Your rig sounds FB! I waited until I heard Lou send you a 119 report and say 73 before calling. I'm guessing he had noise problems.

Lou... you were 589 here. FB!

No other OT stations heard at this QTH.

I was using the TNT here.

73,
Paul "Bugsy" N1BUG

10131. Re: [AWA Group] Re: BK Shakedown Tonights SKED 8:30 CST

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-04 03:02:48 UTC
From: w0vlz@...
Topic: 10121 Message: 10131

Lou,

Heard you at abt 8:15 tuning up. Nice sounding signal at 559. What were you using? It sounded good. Guess QSB must have got us by 8:30.

Tonight I did work KB0ROB (579) and N1BUG (449) both getting ready for Saturday night AWA. RBN said I as getting out but not as good as Paul/N1BUG.

Niel - W0VLZ

Lou, I'll try for 3555 at 8:30CST/9:30EST tonight. I'll call you but don't be shy about calling me some also. 73, Niel - W0VLZ

Got it, Niel. CUL, Lou

10132. Re: RBN (was Re: [AWA Group] BK Shakedown Tonights SKED) & Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-04 11:53:19 UTC
From: Larry Szendrei
Topic: 10127 Message: 10132

On 12/3/14 5:53 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> □
>
> Larry, Will you be lurking about 3555 to night? Lou
Nope, I wasn't. I don't do very much night-time operating. I'm an early riser and early setter.

10133. Re: [AWA Group] Re: BK Shakedown Tonights SKED 8:30 CST

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-04 12:21:23 UTC
From: Louis Vermond
Topic: 10121 Message: 10133

GM Niel,

Heard you at abt 8:15 tuning up. Nice sounding signal at 559. What were you using? It sounded good. I'll tell Mr. Kenwood. I was more interested in giving you a report.

Guess QSB must have got us by 8:30. Not your lack of antenna then....good.

Tonight I did work KB0ROB (579) and N1BUG (449) ...I heard him in contact with you. Quite workable here.

CUL, Lou

10134. eBay Alert Metres!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-04 12:49:31 UTC
From: Louis Vermond
Topic: 10134 Message: 10134

http://www.ebay.com/itm/One-General-Radio-Weston-Model-891-Modulation-Percentage-Panel-Meter-/131367319707?ssPageName=ADME:B:SS:CA:3160

http://www.ebay.com/itm/Vintage-Weston-3-Square-Panel-Meter-Ampmeter-Ammeter-Amp-0-500-RF-MA-/121501773629?ssPageName=ADME:B:SS:CA:1120

http://www.ebay.com/itm/VTG-NOS-WESTON-MILLIAMPERES-DC-METER-506-MA-2-SQUARE-BAKE-PANEL-METER-/321606027372?ssPageName=ADME:B:SS:CA:3160

Best last... 50 ma. Good price.

http://www.ebay.com/itm/One-NOS-NIB-Vintage-Weston-Model-301-Milli-Amp-Panel-Meter-/131365897067?ssPageName=ADME:B:SS:CA:3160

10135. TNT 80m loading - finally

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-04 13:37:18 UTC
From: N1BUG
Topic: 10135 Message: 10135

Subtitle: BUG make little discovery ;-)

Ever since I built the TNT, I've had issues getting it to load up well on 80. Using the standard 6 turn copper tubing antenna coil, it would never go above 25 or 30 mils at maximum coupling... even with lots of voltage on the plate. Partly it is my antenna (despite the fact I use a variable condenser in series with the coil), as it does slightly better into a perfect 50 ohm dummy load. But even into a pure 50 ohm resistive load, not nearly as well as it loads on 160 or 40. BTW, it is using a UX-210.

I don't know why this didn't occur to me before, but last night I decided to try the 160 antenna coil while operating on 80. It is 8 turns of #12 wire on a 3" diameter form, somewhat larger diameter and shorter length than the 6 turn copper tubing 80/40 antenna coil. It's perfect! The rig now loads on 80 like it does on the other bands, and does not need to be at maximum coupling to do it. Fringe benefit, too... one less item to change when QSYing between 160 & 80.

I was running it pretty hard last night, hence the not-so-pure note. I will, of course, be backing off considerably for the party in order to be rule compliant.

73,
Paul "Bugsy" N1BUG

10136. RE: [AWA Group] TNT 80m loading - finally

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-04 14:21:45 UTC
From: Steve Flood
Topic: 10135 Message: 10136

>8 turns of #12 wire on a 3" diameter form, somewhat larger diameter and shorter length than the 6 turn copper tubing 80/40 antenna coil.

Hi Paul,

So probably around 5uH? Your able to resonate on 1.8MHz with your 500pF cap? Or do you have a .001 padder on the variable?

Steve, KK7UV

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

10137. Re: [AWA Group] TNT 80m loading - finally

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-04 14:33:17 UTC
From: N1BUG
Topic: 10135 Message: 10137

On 12/04/2014 09:21 AM, 'Steve Flood' kk7uv@... [AWAGroup] wrote:

>8 turns of #12 wire on a 3" diameter form, somewhat larger diameter and shorter length than the 6 turn copper tubing 80/40 antenna coil.

So probably around 5uH? Your able to resonate on 1.8MHz with your 500pF cap? Or do you have a .001 padder on the variable?

Hi Steve,

I was referring to the antenna (link) coil. The 160 tank coil is 19 turns on a 3" diameter form, length 4.5". This resonates on 160 with the 500pf cap about 90% meshed.

Now that I think about it, I believe both of these coils are #10, not #12 as originally stated, but it shouldn't make any real difference.

To confuse things further, the cap in series with the antenna coil to aid in power transfer to 50 ohm antennas is 1000pf for 40, 80m. On 160 I switch a 1000pf fixed cap in parallel with it.

73,
Paul N1BUG

10138. Re: [AWA Group] TNT 80m loading - finally

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-04 15:37:38 UTC
From: Steve Flood
Topic: 10135 Message: 10138

Of course. Sorry Paul. I should have guessed that. I think that's what I ended up with on my 160 ant. coupler also. Will check that tonight.

"N1BUG paul@n1bug.com [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

>
>
>On 12/04/2014 09:21 AM, 'Steve Flood' kk7uv@bresnan.net [AWAGroup] wrote:
>
>>8 turns of #12 wire on a 3" diameter form, somewhat larger diameter and shorter length than the 6 turn copper tubing 80/40 antenna coil.
>
>So probably around 5uH? Your able to resonate on 1.8MHz with your 500pF cap? Or do you have a .001 padder on the variable?
>
>
>Hi Steve,
>
>I was referring to the antenna (link) coil. The 160 tank coil is 19 turns on a 3" diameter form, length 4.5". This resonates on 160 with the 500pf cap about 90% meshed.
>
>Now that I think about it, I believe both of these coils are #10, not #12 as originally stated, but it shouldn't make any real difference.
>
>To confuse things further, the cap in series with the antenna coil to aid in power transfer to 50 ohm antennas is 1000pf for 40, 80m. On 160 I switch a 1000pf fixed cap in parallel with it.
>
>73,
>Paul N1BUG
>
>
>
><!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a; font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads { margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc { font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd { margin: 10px 0px; font-weight: 700; font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px; padding: 0 0; } #actions { font-family: Verdana; font-size: 11px; padding: 10px 0; } #activity { background-color: #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding: 10px; } #activity span { font-weight: 700; } #activity span:first-child { text-transform: uppercase; } #activity span a { color: #5085b6; text-decoration: none; } #activity span span { color: #ff7900; } #activity span .underline { text-decoration:

underline; } .attach { clear: both; display: table; font-family: Arial; font-size: 12px; padding: 10px 0; width: 400px; } .attach div a { text-decoration: none; } .attach img { border: none; padding-right: 5px; } .attach label { display: block; margin-bottom: 5px; } .attach label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; } .bold { font-family: Arial; font-size: 13px; font-weight: 700; } .bold a { text-decoration: none; } dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right: 10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right: 0; } div.attach-table div div a { text-decoration: none; } div.attach-table { width: 400px; } div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana; font-size: 10px; font-weight: normal; } .green { color: #628c2a; } .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos div { float: left; width: 72px; } #photos div div { border: 1px solid #666666; height: 62px; overflow: hidden; width: 62px; } #photos div label { color: #666666; font-size: 10px; overflow: hidden; text-align: center; white-space: nowrap; width: 64px; } #reco-category { font-size: 77%; } #reco-desc { font-size: 77%; } .replbq { margin: 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid #000;*/ margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg { font-size: 13px; font-family: Arial, helvetica,clean, sans-serif; *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size: inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99% Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code { font:115% monospace; *font-size:100%; } #ygrp-mlmsg * { line-height: 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a { font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li { font-size: 77%; list-style-type: square; padding: 6px 0; } #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text { font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right: none !important; } -->

10139. Re: [AWA Group] TNT 80m loading - finally

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-04 18:19:54 UTC
From: dulmagedon@...
Topic: 10135 Message: 10139

Both my TNT and my new Hartley have 3 inch coils. Coupling antenna coil I have arrived t for both is 1 3/4 to 2 turns. Above that it seemed unresponsive. May not be perfect but I am getting out well. .
don

10140. Bring it on!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-05 00:36:17 UTC
From: N1BUG
Topic: 10140 Message: 10140
Attachments: 1 described; binary payloads are missing from this source WARC

This year's setup. Tested and ready on all three bands. It gave me a bit of a scare on 40... not working... until I discovered I had accidentally installed the 30 meter tank coil. Duh!

73,
Paul "Bugsy" N1BUG

10141. RE: [AWA Group] Bring it on!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-05 01:36:51 UTC
From: Steve Flood
Topic: 10140 Message: 10141

I’m looking forward to 3 bands with Maine, Paul.

Steve

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

10142. Re: [AWA Group] Bring it on!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-05 01:48:28 UTC
From: Louis Vermond
Topic: 10140 Message: 10142
Attachments: 1 described; binary payloads are missing from this source WARC

Ata Bugsy!

10143. eBay Alert Tonight's entertainment

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-05 02:46:17 UTC
From: Louis Vermond
Topic: 10143 Message: 10143

http://www.ebay.com/itm/Very-Well-Built-1920s-Homebrew-3-Tube-Radio-3-Variometers-w-Good-Audios/131365518381?_trksid=p2047675.c100009.m1982&_trkparms=aid%3D777000%26algo%3DABA.MBE%26ao%3D1%26asc%3D27538%26meid%3D020a83931b284dc88285ff1d4aab87e8%26pid%3D100009%26prg%3D11353%26rk%3D1%26rkt%3D4%26

10144. eBay Alert Lots of dials!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-05 02:51:02 UTC
From: Louis Vermond
Topic: 10144 Message: 10144

http://www.ebay.com/itm/11-Vintage-Federal-Standard-Bestone-Bisby-Gee-Dial-Haw-Dials/201233143463?_trksid=p2047675.c100012.m1985&_trkparms=aid%3D444000%26algo%3DSOI.DEFAULT%26ao%3D1%26asc%3D27538%26meid%3D85b807f6d3804a399b7bfab25b807162%26pid%3D100012%26prg%3D11353%26rk%3D6%26rkt%3D10%26sd%3D191399630728

Anyone here bidding? Lou

10145. Re: [AWA Group] Bring it on!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-05 19:00:52 UTC
From: N1BUG
Topic: 10140 Message: 10145

Steve,

I'm looking forward to our 3 QSOs as well. I have no doubt it will be easy as it was last time.

73,
Paul

On 12/04/2014 08:36 PM, 'Steve Flood' kk7uv@... [AWAGroup] wrote:

I’m looking forward to 3 bands with Maine, Paul.

Steve

10146. Fellow BK'rs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-05 21:25:22 UTC
From: ve7sl@...
Topic: 10146 Message: 10146

This year will see another west coast target during the BK Party...John, VE7BDQ. John was inspired to build something after reading some of my blogs...I've been heavily promoting it for some time now. You can hear John's FB Colpitt's and see a picture of it here:

VE7SL - Steve - Amateur Radio Blog: More BK Building
http://ve7sl.blogspot.ca/2014/11/more-bk-building.html

So please keep an ear out for him...he should be on 40 and 80 as well s on 160 on weekend #2.

Steve / VE7SL

http://ve7sl.blogspot.ca/2014/11/more-bk-building.html

VE7SL - Steve - Amateur Radio Blog: More BK Building
http://ve7sl.blogspot.ca/2014/11/more-bk-building.html My recent 'Building For The BK' blogs have tempted at least one ardent homebrewer, John (VE7BDQ), to dig into his junkbox stash to create a nicely-wor...

View on ve7sl.blogspot.ca http://ve7sl.blogspot.ca/2014/11/more-bk-building.html
Preview by Yahoo

10147. Re: [AWA Group] Fellow BK'rs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-05 22:36:26 UTC
From: Daniel Petersen
Topic: 10146 Message: 10147

This year will see another west coast target during the BK Party...John,
VE7BDQ.

Sounds like I need to break out the old "Double-M" again!
73,
Dan - W7OIL

On Fri, Dec 5, 2014 at 1:25 PM, ve7sl@... [AWAGroup] <
AWAGroup@yahoogroups.com> wrote:

>
>
> This year will see another west coast target during the BK Party...John,
> VE7BDQ. John was inspired to build something after reading some of my
> blogs...I've been heavily promoting it for some time now. You can hear
> John's FB Colpitt's and see a picture of it here:
>
>
>
> VE7SL - Steve - Amateur Radio Blog: More BK Building
> <http://ve7sl.blogspot.ca/2014/11/more-bk-building.html>
>
>
>
> So please keep an ear out for him...he should be on 40 and 80 as well s on
> 160 on weekend #2.
>
>
>
> Steve / VE7SL
>
>
>
>
> [image: image]
> <http://ve7sl.blogspot.ca/2014/11/more-bk-building.html>
> VE7SL - Steve - Amateur Radio Blog: More BK Building
> <http://ve7sl.blogspot.ca/2014/11/more-bk-building.html>
> My recent 'Building For The BK' blogs have tempted at least one ardent
> homebrewer, John (VE7BDQ), to dig into his junkbox stash to create a
> nicely-wor...
> View on ve7sl.blogspot.ca
> <http://ve7sl.blogspot.ca/2014/11/more-bk-building.html>
> Preview by Yahoo
>
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>

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73,
Dan - W7OIL

10148. Re: [AWA Group] Fellow BK'rs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-05 22:52:02 UTC
From: Steve
Topic: 10146 Message: 10148

>Sounds like I need to break out the old "Double-M" again!
73,
Dan - W7OIL

sounds great Dan...let me know...I'm all set up on 80m until tmrw afternoon
and then will reconfigure for a few hours of 40m activity.

Once again...and this is getting better and better every year...I would
politely beg for eastern stations to resist the temptation to move down to
80m at their sunset and hang-in for the west as there is still another hour
of sunlight here when the Party starts. 40m is always great here to the
east, between 7PM and 9PM EST, but usually all of the eastern stations have
left the band just as it's getting good.

Steve

On Fri, Dec 5, 2014 at 1:25 PM, ve7sl@... [AWAGroup] <
AWAGroup@yahoogroups.com> wrote:

>
>
> This year will see another west coast target during the BK Party...John,
> VE7BDQ. John was inspired to build something after reading some of my
> blogs...I've been heavily promoting it for some time now. You can hear
> John's FB Colpitt's and see a picture of it here:
>
>
>
> VE7SL - Steve - Amateur Radio Blog: More BK Building
> <http://ve7sl.blogspot.ca/2014/11/more-bk-building.html>
>
>
>
> So please keep an ear out for him...he should be on 40 and 80 as well s on
> 160 on weekend #2.
>
>
>
> Steve / VE7SL
>
>
>
> [image: image]
> <http://ve7sl.blogspot.ca/2014/11/more-bk-building.html>
> VE7SL - Steve - Amateur Radio Blog: More BK Building

> <http://ve7sl.blogspot.ca/2014/11/more-bk-building.html>
> My recent 'Building For The BK' blogs have tempted at least one ardent
> homebrewer, John (VE7BDQ), to dig into his junkbox stash to create a
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> View on ve7sl.blogspot.ca
> <http://ve7sl.blogspot.ca/2014/11/more-bk-building.html>
> Preview by Yahoo
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73,
Dan - W7OIL

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

10149. Re: [AWA Group] Fellow BK'rs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-05 23:00:09 UTC
From: N1BUG
Topic: 10146 Message: 10149

One VE7 in the log is good. Two is better! :-)

> Once again...and this is getting better and better every year...I would
> politely beg for eastern stations to resist the temptation to move down to
> 80m at their sunset and hang-in for the west as there is still another hour
> of sunlight here when the Party starts. 40m is always great here to the
> east, between 7PM and 9PM EST, but usually all of the eastern stations have
> left the band just as it's getting good.

I'm going to start on 40 and try to hang there until I have most of
the western contingent (or the ones I know about) worked. It's tough
deciding when to head down to 80. If we had all night it would be a
no-brainer, but by midnight most out here in the east have gone to
bed and there is no one to work on any band.

73,
Paul N1BUG

10150. Fellow BK'rs How active has 40 been ...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-05 23:58:19 UTC
From: Louis Vermond
Topic: 10150 Message: 10150

How active has 40 been in the first hour for Midwest (I.e., Minnesota) to Midwest , East to East and MW to E?

This year, any opinions as to when 80 will drop out?

Lou

Once again...and this is getting better and better every year...I would politely beg for eastern stations to resist the temptation to move down to 80m at their sunset and hang-in for the west as there is still another hour of sunlight here when the Party starts. 40m is always great here to the east, between 7PM and 9PM EST, but usually all of the eastern stations have left the band just as it's getting good...

10151. Re: [AWA Group] Fellow BK'rs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-06 00:09:30 UTC
From: Steve
Topic: 10146 Message: 10151

> I'm going to start on 40 and try to hang there until I have most of
> the western contingent (or the ones I know about) worked. It's tough
> deciding when to head down to 80. If we had all night it would be a
> no-brainer, but by midnight most out here in the east have gone to
> bed and there is no one to work on any band.

FB Paul...will keep an ear out for you...I well understand the move to 80 as it certainly the bread and butter band for the bK. Fingers crossed. I sometimes work Larry between 7 and 8 PM ur time...just beginning to get dark here.

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10152. Another Saturday Build. TGTP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-06 03:16:24 UTC
From: dulmagedon@...
Topic: 10152 Message: 10152

While most of you will be pounding brass in the BK I will be mostly listening although will jump in now ad then perhaps just to savour the experience. The band 80m was really quiet tonite. Meanwhile I had another clementine wooden crate saved and enough Masonite I built another chassis almost identical to the Hartley I built last Saturday. I painted it a let it dry meanwhile began collecting parts from my junk box and other projects that are no longer in use. I came up with a matched pair of nickel plated variable caps, Some old caps of what I think are appropriate values . I fabbed up a gridleak using one of them and a sanded down resistor nestled together. I had a plate RFC I made for an amp I no longer need . I wound the plate coil in large size for dominant Q and the grid coil much smaller but good. I have a nice 4 pin bakelite socket for the tube and I still have one spare tube so if it all comes together and it works It may be on air by evening. Is a free build, no schematic (yet, but perhps later) but I think it will work fine. We shall see. I will check the coils with the grid dipper and 100 pf fixed in the morning and adjust accordingly. I don't think I need anything more at this point so should be fun.
don

10153. Re: [AWA Group] Fellow BK'rs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-06 10:53:46 UTC
From: N1BUG
Topic: 10146 Message: 10153

> FB Paul...will keep an ear out for you...I well understand the move to 80 as
> it certainly the bread and butter band for the bK. Fingers crossed. I
> sometimes work Larry between 7 and 8 PM ur time...just beginning to get dark
> here.

Last time (2012) I worked you at 2323z and the other "7 Steve" at
2329z. Easy! Solar activity is a bit higher this time, I think?, so
it may be a bit later before we get enough signal.

Unfortunately, we have a major ice storm moving in today. Fingers
crossed I don't lose my RX antennas!!!

73,
Paul N1BUG

10154. Re: [AWA Group] Fellow BK'rs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-06 12:40:27 UTC
From: Larry Szendrei
Topic: 10146 Message: 10154

On 12/5/14 7:09 PM, 'Steve' ve7sl@... [AWAGroup] wrote:
>
> > I'm going to start on 40 and try to hang there until I have most of
> > the western contingent (or the ones I know about) worked. It's tough
> > deciding when to head down to 80. If we had all night it would be a
> > no-brainer, but by midnight most out here in the east have gone to
> > bed and there is no one to work on any band.
>
> FB Paul...will keep an ear out for you...I well understand the move to
> 80 as
> it certainly the bread and butter band for the bK. Fingers crossed. I
> sometimes work Larry between 7 and 8 PM ur time...just beginning to
> get dark
> here.
>
My plan is the same as Paul's but I'll probably be hitting the sack
around 0000Z.

73,
-Larry/NE1S

10155. Re: [AWA Group] Another Saturday Build. TGTP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-06 13:11:13 UTC
From: Louis Vermond
Topic: 10152 Message: 10155

GM All,

BK I will be mostly listening although will jump in now ad then perhaps just to savour the experience. Your signal really steps out, Don so you may cause a pile-up VEs being DX and all.

I am also building a one-tuber TPTG. Looking forward to hearing about your results.

73, Lou

While most of you will be pounding brass in the BK I will be mostly listening although will jump in now ad then perhaps just to savour the experience. The band 80m was really quiet tonite. Meanwhile I had another clementine wooden crate saved and enough Masonite I built another chassis almost identical to the Hartley I built last Saturday. I painted it a let it dry meanwhile began collecting parts from my junk box and other projects that are no longer in use. I came up with a matched pair of nickel plated variable caps, Some old caps of what I think are appropriate values . I fabbed up a gridleak using one of them and a sanded down resistor nestled together. I had a plate RFC I made for an amp I no longer need . I wound the plate coil in large size for dominant Q and the grid coil much smaller but good. I have a nice 4 pin bakelite socket for the tube and I still have one spare tube so if it all comes together and it works It may be on air by evening. Is a free build, no schematic (yet, but perhps later) but I think it will work fine. We shall see. I will check the coils with the grid dipper and 100 pf fixed in the morning and adjust accordingly. I don't think I need anything more at this point so should be fun.

don

10156. Re: [AWA Group] Another Saturday Build. TGTP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-06 13:25:38 UTC
From: dulmagedon@...
Topic: 10152 Message: 10156

I am also building a one-tuber TPTG.

Awesome! Can hardly wait for a TGTP-TGTP
don

10157. Have Fun in the Bruce Kelley 1929 QSO Party!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-06 21:37:13 UTC
From: Whitebear1122
Topic: 10157 Message: 10157

I'm looking forward to working everyone over the next two weekends in the Bruce Kelley 1929 QSO Party!! I'll be operating as W2ICE/0, Bruce's call that is held by the AWA. If you make a valid 1929 QSO with W2ICE, you can submit your QSL and self addressed stamped envelope SASE to Ed Gable at W2AN and you will receive an original W2ICE QSL card in return. All logs go to me though like always.

I fired up the push-pull Colpitts this week and it's working "ok". This will be the last year with that transmitter as it's time for something new. The transmitter developed a jumpiness that I haven't been able to resolve. Sometimes it'll jump a couple hundred cycles for no apparent reason. It's either a marginal connection somewhere or a cap breaking down. So I wouldn't have your cw filters set too sharp with me or I might jump out of the bandpass. hi hi

It's been fun seeing the beautiful 1929 transmitters that you guys are building!

73, Scott WA9WFA/W2ICE/0 for the weekend

10158. NE1S and 40

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 01:27:24 UTC
From: Louis Vermond
Topic: 10158 Message: 10158

Larry OM,

Ur sig gives new meaning to QSY! It was all over the place. Also, woops and chirps. Wonderful. Although just started, ur getting my vote for best OT Sig of the Year.

CU 80, Lou

10159. Re: [AWA Group] Another Saturday Build. TGTP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 02:12:35 UTC
From: dulmagedon@...
Topic: 10152 Message: 10159

Listened most of the day and tried a few calls. Seems quieter then other years. I think propagation could be a factor. Anyway I got no replies 40M or 80M. In got the TGTP done . Just have to wire in the plug to connect it to my bench supply and a key jack or wires. Ran out of energy so I invoked The Cabbage Rule..
"Quit while you're a head." I am not entirely happy with the plate tank coils construction but it will do for testing I hope. The wire on it is a bit light as it was originally built for a receiver project. I don't have another 3 inch cardboard form so I may have to machine some schedule 40 ABS to look like period correct bakelite form and rewind it with hookup wire. Hopefully I will get a contact this weekend with one of my now three 1920s correct rigs. Some guys btw call CQ but never listen for a reply. I get about 3 letters of their call sent and I can hear them CQing again. I bet they don't realize they are doing it. Sometimes when you are up to your butt in alligators it is hard to remember you are there to drain the swamp. I have trouble anytime a I get a bit cranked. So I just mention it in case it might help improve someone's score. Going to fire up the real receiver (Regen) before I turn in. It can hear stuff the big rxs will never hear and I mean that. It makes my Kenwood seem deaf. I don't have a BK legal TX up here though so It will just be a listen.
don

10160. Re: [AWA Group] NE1S and 40

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 02:20:05 UTC
From: Steve
Topic: 10158 Message: 10160

>Ur sig gives new meaning to QSY! It was all over the place. Also, woops and
>chirps.

it sure was...had a tough job copying everything but Larry had lots of
patience and eventually got it all after several repeats. Without the chirp
it would have been easy but that's all part of the fun. Larry is a great op
and with even greater 'ears' !!

Tnx QSO Larry and CU on 80 next I hope...I'll be on at your sunrise...around
0430 PST.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

10161. R

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 02:41:24 UTC
From: dulmagedon@...
Topic: 10152 Message: 10161

Tuned in just in time to hear Lou working a W3. Right now as I write! If I wasn't so tired I go down to studio B and fire something old up. Sounds good tonite!
don

10162. W2ICE/0 Comments from The Frozen Tundra

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 04:12:47 UTC
From: Whitebear1122
Topic: 10162 Message: 10162

Taking a break to stoke the wood stove which is keeping the shack nice and toasty on this chilly night.

I've been having fun working the 29 QSO Party as W2ICE/0. Just as a reminder, W2ICE was held by Bruce Kelley, one of the founders of the AWA and the 1929 QSO Party sometime around 1982. I managed to work N1BUG, VE3AWA, AA2YV, , N3GJ, from the North east , heard and called W1GIG several times, but haven't heard NE1S or other 1,2,3 landers yet. Been on 80m the whole evening but I'm just not hearing much from our New England friends. Hopefully I'll hear more in the morning on 80 or later on 40m.

Right now I'm faintly hearing VE7SL but just in the noise.

The 29 push pull Colpitts has been work pretty well. No one complains hi hi. I do have the morse code key taped to the chair arm to keeping the vibration down.

If you guys worked KC9WYV, he is a 12 year old boy working the 29 QSO Party at the QTH of Harold KB0ROB. That's why you haven't heard Harold on tonight. He's letting Joe work the event under his own call sign. That is very cool!

73, Scott WA9WFA

10163. Well that's one

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 04:27:02 UTC
From: Doug Forbes
Topic: 10163 Message: 10163

Worked WB2AWQ 559 from here in LA. Howie had a fine signal from Reno.
Hopefully some of the eastern stations tomorrow.

WA6VYN TNT P-P / National NC 2-400

Doug

10164. Re: [AWA Group] Well that's one

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 04:30:39 UTC
From: Whitebear1122
Topic: 10163 Message: 10164

What band are you on Doug? 73, Scott WA9WFA/W2ICE
On Dec 6, 2014, at 10:27 PM, "Doug Forbes dougforbes@... [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:

>
>
> Worked WB2AWQ 559 from here in LA. Howie had a fine signal from Reno. Hopefully some of the eastern stations tomorrow.
>
> WA6VYN TNT P-P / National NC 2-400
>
> Doug
>
>
>

10165. Re: [AWA Group] Well that's one

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 04:33:22 UTC
From: Doug Forbes
Topic: 10163 Message: 10165

We were on 40 at 7.109. Heard a few other easterly woopers in there but way too weak by 0130 GMT here.

On Sat, Dec 6, 2014 at 8:30 PM, Whitebear1122 whitebear1122@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> What band are you on Doug? 73, Scott WA9WFA/W2ICE
>
> On Dec 6, 2014, at 10:27 PM, "Doug Forbes dougforbes@...
> [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:
>
>
>
> Worked WB2AWQ 559 from here in LA. Howie had a fine signal from Reno.
> Hopefully some of the eastern stations tomorrow.
>
> WA6VYN TNT P-P / National NC 2-400
>
> Doug
>
>
>
>
>
>
>

10166. This morning...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 06:44:51 UTC
From: Louis Vermond
Topic: 10166 Message: 10166
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

10167. Re: [AWA Group] W2ICE/0 Comments from The Frozen Tundra

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 10:10:32 UTC
From: N1BUG
Topic: 10162 Message: 10167

I managed to work N1BUG

I am thrilled to have the W2ICE call in my log! Thanks!

If you guys worked KC9WYV, he is a 12 year old boy working the 29 QSO Party at the QTH of Harold KB0ROB. ?That's why you haven't heard Harold on tonight. ?He's letting Joe work the event under his own call sign. ?That is very cool!

Yes it is! Perfectly wonderful! There are so few young people in the hobby today, let alone this aspect of it. I wondered where Rob was, and wondered who this KC9WYV with the big signal is.

73,
Paul

10168. Re: [AWA Group] Another Saturday Build. TGTP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 12:57:52 UTC
From: dulmagedon@...
Topic: 10152 Message: 10168

It works. Finished it this morning while listening to the BK. Hooked it up and after fixing one minor glitch it jumped to life on 7195kc. Sounded strong. Both sides tune well. Need to find some knobs for it and a proper jack for the key to plug in. Fired it on a 01A .
don

10170. Re: [AWA Group] NE1S and 40

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 13:37:01 UTC
From: Larry Szendrei
Topic: 10158 Message: 10170

On 12/6/14 9:20 PM, 'Steve' ve7sl@... [AWAGroup] wrote:
>
>> Ur sig gives new meaning to QSY! It was all over the place. Also, woops and
>> chirps.
>
> it sure was...had a tough job copying everything but Larry had lots of
> patience and eventually got it all after several repeats. Without the chirp
> it would have been easy but that's all part of the fun. Larry is a great op
> and with even greater 'ears' !!
>
> Tnx QSO Larry and CU on 80 next I hope...I'll be on at your sunrise...around
> 0430 PST.
>
> Steve / 73

Great to work you in the BK again, Steve. Thanks for the kudos, but I think most of the operating skill was on your end! Nothing too special here - the 40M RX antenna is same as TX antenna = 2 half waves in phase (= half-wave dipole for 80M fed with open wire line and balanced tuner), and for RX I was using was an R390-A.
Tnx for your patience.

I got on 80M around 7:30AM local time, but only have been able to work N3GJ and W1ZB so far this AM. I heard W2AO calling AWA but he disappeared after I called him. Never made it to 80M last night; I slept pretty badly Friday night so was pretty wiped out last night - you were my last QSO of the evening.

73,
-Larry/NE1S

10171. K0IDT -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 13:46:00 UTC
From: Mike Feher
Topic: 10171 Message: 10171

GM Guys -

I see a lot of you are busy in the BK activity and having fun with your OT rigs. Please welcome Ron, K0IDT to the group. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

10172. Not a Pure Clean CW note!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 13:46:41 UTC
From: dulmagedon@...
Topic: 10172 Message: 10172

As I stated I was listening to the band early this morning and I did call CQ a few times. I just got a hinweiss from a Michigan Ham to let me know he heard me. I did not have a Pure Clean CW note. In fact it was a bit raspy and I should know. I appreciated the note. Not because he didn't understand the early rigs and that it is that weekend but because that is a new DX record at 342milesfrom my QTH as ATCF. I was on my Hartley.
don

10173. RE: [AWA Group] K0IDT -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 13:47:39 UTC
From: barry whittemore
Topic: 10171 Message: 10173

Welcome Ron,
enjoy the OT stuff.
Barry
NF1O
Deeeit Deeeit

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Sun, 7 Dec 2014 08:46:00 -0500
Subject: [AWA Group] K0IDT -

GM Guys – I see a lot of you are busy in the BK activity and having fun with your OT rigs. Please welcome Ron, K0IDT to the group. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960

10174. RE: [AWA Group] Not a Pure Clean CW note!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 13:51:55 UTC
From: barry whittemore
Topic: 10172 Message: 10174

I heard some less than clean CW notes out there. Even worked 3 so far, all on 40 meters. K4JYS,N1BUG, and WT2W.
Also doing the ARRL 160 contest so had to divide my time.
Its all fun.
73
Barry
NF1O

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Sun, 7 Dec 2014 05:46:41 -0800
Subject: [AWA Group] Not a Pure Clean CW note!

As I stated I was listening to the band early this morning and I did call CQ a few times. I just got a hinweiss from a Michigan Ham to let me know he heard me. I did not have a Pure Clean CW note. In fact it was a bit raspy and I should know. I appreciated the note. Not because he didn't understand the early rigs and that it is that weekend but because that is a new DX record at 342milesfrom my QTH as ATCF. I was on my Hartley.
don

10175. Re: [AWA Group] Not a Pure Clean CW note!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 14:41:29 UTC
From: Larry Szendrei
Topic: 10172 Message: 10175

On 12/7/14 8:51 AM, barry whittemore wb1edi@... [AWAGroup] wrote:
>
> I heard some less than clean CW notes out there. Even worked 3 so
> far, all on 40 meters. K4JYS,N1BUG, and WT2W.
> Also doing the ARRL 160 contest so had to divide my time.
> Its all fun.
> 73
> Barry
> NF1O
I heard you on 40M last night - tried to snag you after you completed a QSO but no dice. Just got done on 40M for a while, going to make brunch with XYL and then I'll be back for a while.

I noticed my 40M sig was fairly stable earlier this morning, and then the wind picked up...

73,
-Larry/NE1S

10176. Re: [AWA Group] Not a Pure Clean CW note!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 14:43:27 UTC
From: Paul Christensen
Topic: 10172 Message: 10176

QSL cards I have from the ‘20s show many stations running R.A.C. on the plates. So, between all the self-excited oscillator types running from all sorts of supplies, the airwaves in 1929 would have had everything from T1 to T9. I’m stunned by how good these small sets were. Think about it: on 40, that’s an oscillator running at 7 million CPS, and were asking it not to vary less than a couple hundred Hz with good tone using just a handful of parts! As a novice growing up in the ‘70s I would have thought it impossible.

Listening to the 80m and 40m AWA stations was an absolutely enjoyable experience. I had wanted to know what it was like to listen in on stations of that era. Last’s night performance could not have been better. Listening from FL, I had no trouble getting solid copy from many stations along the east coast up through Maine along with several VEs.

I have a modified Hartley but it’s xtal control. I would rather just keep it that way but it’s no good for the AWA contest. I have acquired about half the parts for a Hull Hartley and would like to wrap-up that project before next year’s event.

Paul, W9AC

From: mailto:AWAGroup@yahoogroups.com
Sent: Sunday, December 07, 2014 8:46 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Not a Pure Clean CW note!

As I stated I was listening to the band early this morning and I did call CQ a few times. I just got a hinweiss from a Michigan Ham to let me know he heard me. I did not have a Pure Clean CW note. In fact it was a bit raspy and I should know. I appreciated the note. Not because he didn't understand the early rigs and that it is that weekend but because that is a new DX record at 342milesfrom my QTH as ATCF. I was on my Hartley.

don

10177. Re: [AWA Group] Not a Pure Clean CW note!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 14:43:22 UTC
From: N1BUG
Topic: 10172 Message: 10177

I think my TNT sounds better on 40 than it does on 80... for what reason I haven't a clue. Not that it has a pure note on either band! It has decided to be growly this year.

Having fun!

Paul N1BUG

10178. RE: [AWA Group] Not a Pure Clean CW note!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 14:56:18 UTC
From: barry whittemore
Topic: 10172 Message: 10178

Glad you heard me Larry. I might be on this evening if we get home in time. Otherwise it will be next weekend. we (NE1F and I) are going to a club meeting (YCCC) in MA soon so will be silent till we get home.
I hope to work you again.
73
Barry
NF1O

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Sun, 7 Dec 2014 09:41:29 -0500
Subject: Re: [AWA Group] Not a Pure Clean CW note!

On 12/7/14 8:51 AM, barry whittemore
wb1edi@... [AWAGroup] wrote:

I heard some less than clean CW notes out
there. Even worked 3 so far, all on 40 meters.
K4JYS,N1BUG, and WT2W.

Also doing the ARRL 160 contest so had to divide my time.

Its all fun.

73

Barry

NF1O

I heard you on 40M last night - tried to snag you after you
completed a QSO but no dice. Just got done on 40M for a while, going
to make brunch with XYL and then I'll be back for a while.

I noticed my 40M sig was fairly stable earlier this morning, and
then the wind picked up...

73,

-Larry/NE1S

10179. Re: [AWA Group] K0IDT -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 14:58:27 UTC
From: Roger Kuchera
Topic: 10171 Message: 10179

Howdy Ron,
Hope you enjoy the group. Great bunch.

CUL, Roger/K1TG

On Sunday, December 7, 2014 8:47 AM, "barry whittemore wb1edi@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Welcome Ron,
enjoy the OT stuff.
Barry
NF1O
Deeeit Deeeit

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Sun, 7 Dec 2014 08:46:00 -0500
Subject: [AWA Group] K0IDT -

GM Guys –

I see a lot of you are busy in the BK activity and having fun with your OT rigs. Please welcome Ron, K0IDT to the group. 73 – Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

10180. RE: [AWA Group] Not a Pure Clean CW note!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 15:23:24 UTC
From: Mike Feher
Topic: 10172 Message: 10180

Paul –

I feel crystal controlled rigs should be allowed. A few well to do hams did indeed have crystal controlled rigs back in the 2nd half of the 20's. I am sure even Bruce could have been convinced to allow them. I have no idea who came up with the rules, as I never participated in the 1929 event. I am glad to see all the traffic on here about the event and the fun you guys are having. I'll be on next year for sure. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, December 07, 2014 9:43 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Not a Pure Clean CW note!

QSL cards I have from the '20s show many stations running R.A.C. on the plates. So, between all the self-excited oscillator types running from all sorts of supplies, the airwaves in 1929 would have had everything from T1 to T9. I'm stunned by how good these small sets were. Think about it: on 40, that's an oscillator running at 7 million CPS, and were asking it not to vary less than a couple hundred Hz with good tone using just a handful of parts! As a novice growing up in the '70s I would have thought it impossible.

Listening to the 80m and 40m AWA stations was an absolutely enjoyable experience. I had wanted to know what it was like to listen in on stations of that era. Last's night performance could not have been better. Listening from FL, I had no trouble getting solid copy from many stations along the east coast up through Maine along with several VEs.

I have a modified Hartley but it's xtal control. I would rather just keep it that way but it's no good for the AWA contest. I have acquired about half the parts for a Hull Hartley and would like to wrap-up that project before next year's event.

Paul, W9AC

From: mailto:AWAGroup@yahoogroups.com

Sent: Sunday, December 07, 2014 8:46 AM

To: AWAGroup@yahoogroups.com

Subject: [AWA Group] Not a Pure Clean CW note!

As I stated I was listening to the band early this morning and I did call CQ a few times. I just got a hinweiss from a Michigan Ham to let me know he heard me. I did not have a Pure

Clean CW note. In fact it was a bit raspy and I should know. I appreciated the note. Not because he didn't understand the early rigs and that it is that weekend but because that is a new DX record at 342milesfrom my QTH as ATCF. I was on my Hartley.

don

10181. Re: [AWA Group] Not a Pure Clean CW note!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 16:27:07 UTC
From: Larry Szendrei
Topic: 10172 Message: 10181

On 12/7/14 10:23 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
> I'll be on next year for sure. 73 – Mike
>
>
Looking forward to it, Mike!

73,
-Larry/NE1S

(who has managed a meager 10 QSOs so far. 40M doesn't appear in great
shape today so far. The W2's are vy weak; they should be strapping now.)

10182. BK From BC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 17:25:08 UTC
From: Steve
Topic: 10162 Message: 10182

Well let's hope that condx are better next weekend as they were far from the usual early December delight, at least from this end. Conditions were poor enough that I didn't hear anyone in MN until the 5th hour! The Minnesota boys usually dominate the BK activity on this side as there are so many of them but last night it seemed that everything must have been going right over the top of their heads for several hours. Although signals were very fady and weak for the most part, propagation was long during brief lifts to the east.

All told I managed 29 contacts with some highlights being N1BUG Maine - on both bands, WA1JAS (40m - Maine and the loudest signal from back east), NE1S (40m - Maine), K4JYS (40m - NC), WB8APR (40m - MI), AA2YV 80m - NY), VE3AWA (80m - ON) and of course, the two best catches of the night...W2ICE/0 Scott running 'headquarters' duty and KC9WYV - 12 years young Joe and an absolute first-class CW op thanks to the mentoring of Rob, KB0ROB in MN.

Perhaps the 'wind god' believes he is helping to make my signals sound more '29-ish as once again, the BK Winds developed right on schedule, making all of Ross Hull's superb Hartley-genius sound poorer than even Lou would yearn for. I also noted a lot of AC-sounding notes, inluding my own...more than usual, and thought maybe a little auroral activity on some of the E-W paths may have been the cause, maybe not.

After seeing how my experimental type-10 amplifier performed when driven with the Hull Hartley during earlier tests this week, I am now very motivated to put a proper MOPA together for next yeaar...something all on one platform, as trying to mate two separate boards is an operational nightmare.

Hopefully there will be some new faces next weekend and more than ever on topband...it looks like the sun is getting very quiet once again so it should be nice. A nasty coronal hole stream blasting us last night was what put the damper on things.

Steve / 73

Mayne Island, BC CN88

Hull Hartley / 10W / 3.5mc / 7mc quarter-wave groundplanes / wind

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10183. Re: [AWA Group] NE1S and 40

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 17:41:36 UTC
From: Steve
Topic: 10158 Message: 10183

> Tnx for your patience.

ha! Most certainly the other-way 'round Larry. I felt guilty about asking for so many repeats and many would have thrown it in...thanks for not doing that! Your signal had plenty of strength but the chirp was really wide and along with the QSB made it a challenge! Thanks for staying up a little later than normal as well.

I had hoped to catch you on 80m in the morning but the band was just terrible. The furthest east I heard at 0400 my time was N8YE at about S1 and one of the MN boys, also weak. It was just not in the cards this weekend.

Steve / 73

> I got on 80M around 7:30AM local time, but only have been able to work
> N3GJ and W1ZB so far this AM. I heard W2AO calling AWA but he
> disappeared after I called him. Never made it to 80M last night; I slept
> pretty badly Friday night so was pretty wiped out last night - you were
> my last QSO of the evening.
>
> 73,
> -Larry/NE1S
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> Yahoo Groups Links
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WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10184. Re: [AWA Group] Not a Pure Clean CW note!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 17:51:38 UTC
From: Steve
Topic: 10172 Message: 10184

>I feel crystal controlled rigs should be allowed.

I agree Mike...there was a lot of movement toward crystals in the late 20's, especially after Jan 1, 1929...even more appropriate for a '29 contest. Of course, the crystal guys would have to do just what they did back then, scan the band for answers after CQing and it would be impossible for them to do any search and pounce. Maybe Bruce had it right after all ;-) ??

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10185. RE: [AWA Group] Not a Pure Clean CW note!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 19:03:26 UTC
From: Mike Feher
Topic: 10172 Message: 10185

Steve –

I always thought that the 29 contest implied rigs ’29 or earlier. Also, I am not certain that Bruce came up with all those rules by himself. Regarding scanning the band for answers to a CQ, that is exactly what we had to do when we were Novices and were forced to use crystal controlled rigs. Especially if the other station was another Novice with a different crystal frequency. I remember doing that even after I had my General in 1963 on 15 CW where a lot of the foreign stations were crystal control only. Call CQ one place and tune the band for an answer. I would think back in the 20’s it would have been easier as the bands were not as crowded. I participated in the LC contest for many years, before it was even re-named in honor of Linc, and even there, one had to tune around for replies. As I recall when I was in it one had to use 1940 or earlier equipment. I see now it is up to 1950 or earlier. So, change to the rules are not out of the question if they make sense. Besides, you cannot tell me that with all of these free running rigs on does not have to tune around, HI. So, if one wants to be crystal controlled, it does not give him an advantage, but, it would be period correct. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, December 07, 2014 12:52 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Not a Pure Clean CW note!

>I feel crystal controlled rigs should be allowed.

I agree Mike...there was a lot of movement toward crystals in the late 20's, especially after Jan 1, 1929...even more appropriate for a '29 contest. Of course, the crystal guys would have to do just what they did back then, scan the band for answers after CQing and it would be impossible for them to do any search and pounce. Maybe Bruce had it right after all ;-) ??

Steve

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VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10186. BK From MN

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 19:21:25 UTC
From: Whitebear1122
Topic: 10162 Message: 10186

Wow I agree with Steve, conditions are horrible this weekend! Last night 80 meters was fair at best. I did work a couple west coasters, a couple east coasters, but I didn't hear the usual W1, W2, W3 crowd like in previous years. Seems like the band never went long. I did hear and call W1GIG several times with no luck. In years past I've listened as the East coasters start appearing on the horizon and then signals build and we work them for hours and hours. This year it was spotty at best. I heard N1BUG most of the later evening. I did work Steve VE7SL after 0500 when I shifted to high power, 20 watts input. Steve, I told you 10 watts but had just upped the power and was so darn used to sending "ten". hi hi I hope a lot of the guys are taking advantage of QRO after midnight Eastern time.

40 meters this afternoon is dead. I made two or three contacts and that's it. Even the main cw part of the band is quiet too. Maybe something will change the band might open up later this afternoon, otherwise we have to hope for better propagation next weekend.

If you guys hear me on 40m this afternoon, it's windy out and I've got a lot of wind modulation on the signal. Wonder what it sounds like from far away.

Agreed, the MOPA can be a nice stable transmitter since the oscillator can be driving at low power levels to maintain stability while letting the amplifier stage do it's thing without affect stability too much.

By the way, did you guys work KE0Z from South Dakota last night? First time South Dakota has been on the event. WIll had a great signal here with his Hartley.

Would love to work California some time.

73, Scott WA9WFA

On Dec 7, 2014, at 11:25 AM, 'Steve' ve7sl@shaw.ca [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

> Well let's hope that condx are better next weekend as they were far from the
> usual early December delight, at least from this end. Conditions were poor
> enough that I didn't hear anyone in MN until the 5th hour! The Minnesota
> boys usually dominate the BK activity on this side as there are so many of
> them but last night it seemed that everything must have been going right
> over the top of their heads for several hours. Although signals were very
> fady and weak for the most part, propagation was long during brief lifts to
> the east.
>
> All told I managed 29 contacts with some highlights being N1BUG Maine - on
> both bands, WA1JAS (40m - Maine and the loudest signal from back east), NE1S
> (40m - Maine), K4JYS (40m - NC), WB8APR (40m - MI), AA2YV 80m - NY), VE3AWA
> (80m - ON) and of course, the two best catches of the night...W2ICE/0 Scott
> running 'headquarters' duty and KC9WYV - 12 years young Joe and an absolute
> first-class CW op thanks to the mentoring of Rob, KB0ROB in MN.
>

> Perhaps the 'wind god' believes he is helping to make my signals sound more
> '29-ish as once again, the BK Winds developed right on schedule, making all
> of Ross Hull's superb Hartley-genius sound poorer than even Lou would yearn
> for. I also noted a lot of AC-sounding notes, inluding my own...more than
> usual, and thought maybe a little auroral activity on some of the E-W paths
> may have been the cause, maybe not.
>
> After seeing how my experimental type-10 amplifier performed when driven
> with the Hull Hartley during earlier tests this week, I am now very
> motivated to put a proper MOPA together for next yeaar...something all on
> one platform, as trying to mate two separate boards is an operational
> nightmare.
>
> Hopefully there will be some new faces next weekend and more than ever on
> topband...it looks like the sun is getting very quiet once again so it
> should be nice. A nasty coronal hole stream blasting us last night was what
> put the damper on things.
>
> Steve / 73

10187. Re: [AWA Group] BK From MN

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 19:26:57 UTC
From: N1BUG
Topic: 10162 Message: 10187

40 is dead here this afternoon too. I am calling from time to time trying to drum up some business. I will probably switch to 80 as sunset approaches. I know I missed several easy ones there last night and am hoping to snag them before 2300z.

I will make some comments on conditions after it's over this evening.

73,
Paul N1BUG

10188. Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 19:31:46 UTC
From: N1BUG
Topic: 10162 Message: 10188

On 12/07/2014 12:25 PM, 'Steve' ve7sl@... [AWAGroup] wrote:
> I am now very
> motivated to put a proper MOPA together for next yeaar...something all on
> one platform, as trying to mate two separate boards is an operational
> nightmare.

Steve,

Would you mind elaborating on that statement? Why/how is it an operational nightmare? My plan has been for some time (more than two years) to build a UX-865 PA stage on a separate board. I have most of the parts. It's just a matter of getting motivated. It seems easy enough, but you make me wonder what I haven't yet discovered.

73,
Paul N1BUG

10189. Re: [AWA Group] Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 21:16:32 UTC
From: Steve
Topic: 10162 Message: 10189

> It seems easy
> enough, but you make me wonder what I haven't yet discovered.

Paul - perhaps 'operational nightmare' may be a bit of overkill but my recent experience when trying to mate the new type-10 amplifier to the Hartley turned me to now favor the all-in-one approach.
I could see, just on the bench, that things would have to be very well designed to avoid unwanted coupling and keying can become a bit challenging should you want to key just one stage. This means separate filament supplies along with associated leads and a way of turning just the oscillator on while keying the PA, another set of leads...not to mention the ads associated with getting HV to both units. I was all gung-ho for the separate amp but a week on the bench has turned my thinking around. Perhaps others are making it work well but I suspect that most MOPAs were all-in-one unit for a good reason...just my thoughts.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10190. Re: [AWA Group] Another Saturday Build. TGTP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 21:41:05 UTC
From: dulmagedon@...
Topic: 10152 Message: 10190

I finished all of it and just had it on air for an hour. Called CQ, tried to answer a few but no luck. Still seems to work good if the meters don't lie. Has quite a quack to it but otherwise seems good.
don

10191. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 21:50:00 UTC
From: Louis Vermond
Topic: 130 Message: 10191

http://www.ebay.com/itm/QSL-CARD-FROM-1939-W1TS-DON-MIX-QST-WRITER-AND-MCMILLAN-ARCTIC-EXPEDN-OPR-/131371625909?ssPageName=ADME:SS:SS:US:1120

10192. BK from BUGville

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 23:31:36 UTC
From: N1BUG
Topic: 10192 Message: 10192

Well, with the first half in the books...

It seemed conditions were below normal, especially to the far west. I managed to work VE7SL on 40 and 80 but Steve's signal wasn't as strong as he usually is. I worked KK7UV on 80, but never heard him on 40. I managed to work AB0CW in CO and KE0Z in SD. Other than that, MN was as far as I got and it didn't seem like I was hearing the full MN contingent.

I was very pleased to work our 12 year old op Joe, KC9WYV on both bands! The other notable highlight is having W2ICE/0 in the log on both bands. Thanks for activating the call Scott!

Thanks to everyone who stuck with me through some challenging QSOs, especially on 40. That band is a mess out here! Constant SSB QRM from Europe and South America make hearing anything a challenge after about 2100z, even with Beverages. Late this afternoon I had some S9 power line noise come up from the west and southwest. That added another layer of challenge.

The TNT was more growly than usual, but I was loading it a bit differently this year... trying to get a little better efficiency. I succeeded in getting about 40%, at the expense of my tone! It was more growly on 80 than on 40, and I think it tended to have more chirp on 80. Comments appreciated. On 80 I could put the key on the desk right beside the TNT with no apparent worsening of my signal. Not so on 40! Usually I have the key on a board which sits across the arms of my chair. After a while I get uncomfortable and put the board/key across my knees for a while... but in that position my sending is choppy (more than usual that is).

Considering propagation and noise issues, I am quite pleased with where I ended up for the first half. In fact I'm not sure who is left to work in the second half, so hopefully there will be lots of activity on 160 to add to the QSO count.

73,
Paul N1BUG

10193. How come 2300Z stop time ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 23:39:35 UTC
From: Doug Forbes
Topic: 10192 Message: 10193

Has anybody suggested the end time be extended for a couple of hours ?
It would sure give us west coasters a bit more of a chance on 40 that's
for sure.

Doug Forbes WA6VYN<http://sites.google.com/site/dougforbes1/home>

On 12/7/2014 3:31 PM, N1BUG paul@... [AWAGroup] wrote:
> Well, with the first half in the books...
>
> It seemed conditions were below normal, especially to the far west.
> I managed to work VE7SL on 40 and 80 but Steve's signal wasn't as
> strong as he usually is. I worked KK7UV on 80, but never heard him
> on 40. I managed to work AB0CW in CO and KE0Z in SD. Other than
> that, MN was as far as I got and it didn't seem like I was hearing
> the full MN contingent.
>
> I was very pleased to work our 12 year old op Joe, KC9WYV on both
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> both bands. Thanks for activating the call Scott!
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> especially on 40. That band is a mess out here! Constant SSB QRM
> from Europe and South America make hearing anything a challenge
> after about 2100z, even with Beverages. Late this afternoon I had
> some S9 power line noise come up from the west and southwest. That
> added another layer of challenge.
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> differently this year... trying to get a little better efficiency. I
> succeeded in getting about 40%, at the expense of my tone! It was
> more growly on 80 than on 40, and I think it tended to have more
> chirp on 80. Comments appreciated. On 80 I could put the key on the
> desk right beside the TNT with no apparent worsening of my signal.
> Not so on 40! Usually I have the key on a board which sits across
> the arms of my chair. After a while I get uncomfortable and put the
> board/key across my knees for a while... but in that position my
> sending is choppy (more than usual that is).
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> where I ended up for the first half. In fact I'm not sure who is
> left to work in the second half, so hopefully there will be lots of
> activity on 160 to add to the QSO count.
>
> 73,
> Paul N1BUG

>
>
> ------------------------------------
> Posted by: N1BUG <paul@...>
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> Yahoo Groups Links
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10194. W2ICE vs W2ICE/0 QSO Special Event QSL?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-07 23:54:25 UTC
From: w0vlz@...
Topic: 10194 Message: 10194

Do QSOs with W2ICE/0 count and a "W2ICE" QSO for a special event QSL card?

Niel - W0VLZ

From this year's BK rules:

This year for the first time we are activating Bruce Kelley’s W2ICE

call sign as a 1929 SPECIAL EVENT STATION! W2ICE hasn’t been

heard on the 1929 QSO Party since Bruce’s passing so this will be a

real treat to hear and work the namesake station of this event! A special

event QSL card will be available for valid contacts with W2ICE QSL by
sending your card with an SASE to “Ed. Gabel, c/o The AWA Museum in,
PO BOX 421, Bloomfield NY 14469-0421.”

10195. RE: [AWA Group] Not a Pure Clean CW note!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 00:12:22 UTC
From: w0vlz@...
Topic: 10172 Message: 10195

I think the no crystal control BK requirement puts a level of transmitter technology on the air that normally would not be seen. Most of us are familiar with crystal controlled rigs, not Hartleys or TNTs. If the BK allowed crystal controlled rigs it would start looking/sounding a lot like the LC but with older tubes.

The 10 watt limit on the other hand.....

Niel - W0VLZ

10196. Re: [AWA Group] W2ICE vs W2ICE/0 QSO Special Event QSL?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 00:29:35 UTC
From: Whitebear1122
Topic: 10194 Message: 10196

Yes and yes. W2ICE/0 is running legal 1929 so it counts, and contact qualifies for a special event QSL card. From what Ed told me, the QSL cards are original Bruce Kelley QSLs. Send your QSL to Ed Gable % W2AN at AWA Headquarters. Ed is handling the qsl cards and will process them once the event is over and I get the logs to him.

73, Scott WA9WFA

On Dec 7, 2014, at 5:54 PM, "w0vlz@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

>
>
> Do QSOs with W2ICE/0 count and a "W2ICE" QSO for a special event QSL card?
>
>
>
> Niel - W0VLZ
>

10197. Re: [AWA Group] Not a Pure Clean CW note!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 00:37:22 UTC
From: Steve
Topic: 10172 Message: 10197

>I think the no crystal control BK requirement puts a level of transmitter
>technology on the air that normally would not be seen. Most of us are
>familiar with crystal controlled rigs, not Hartleys or TNTs. If the BK
>allowed crystal controlled rigs it would start looking/sounding a lot like
>the LC but with older tubes.
>
> The 10 watt limit on the other hand.....
>
> Niel - W0VLZ

How 'bout a crystal-only QSO Party? Now that might be fun, especially if limited to one-tube oscillators only...80 / 40 / 20 (or higher with a tritet) and one specified times for each band :-)
No power limit...maybe someone will be brave enough to build that 813 tritet?

Niel...heard you briefly last night on 80 but with the crazy conditions, it didn't hold up for long...maybe next weekend.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10198. Re: [AWA Group] Not a Pure Clean CW note!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 00:41:22 UTC
From: Steve
Topic: 10172 Message: 10198

I think be both pretty much afree Mike

> I would think back in the 20’s it would have been easier as the bands were
> not as crowded.

probably but they were all over the band...like with each press of the
key... and rcvrs were pretty broad

> So, if one wants to be crystal controlled, it does not give him an
> advantage, but, it would be period correct.

a definite disadvantage in the BK yes

I'm looking forward to working you next year Mike...shall we keep a copy of
that promise on file :-)) ?

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

10199. RE: [AWA Group] Not a Pure Clean CW note!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 01:07:39 UTC
From: Mike Feher
Topic: 10172 Message: 10199

On LC, I always used a VFO. Most of the time my transmitter was a Meissner Deluxe Signal Shifter. Not the most stable rig either, HI. For a receiver I mostly used an FB7X, but have used many others over the many years that I participated. Any ham who was able to pass a test, at least 25 or more years ago certainly should know what a Hartley or TNT or TPTG is, and, in my opinion, none are a challenge to build. I do remember Art Goodnow, W1DM (SK) who was a phenomenal engineer and craftsman. Even in the LC event, back in the day as they say, he had a crystal clear signal with no drift or chirp. His design was straightforward, but he paid a great attention to detail, and his early 1920’s vintage home brew rig sounded as good as any modern one. I am sure photos of the transmitter can be found in some back issues of the OTB. As I recall he used early WE tubes throughout. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, December 07, 2014 7:12 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Not a Pure Clean CW note!

I think the no crystal control BK requirement puts a level of transmitter technology on the air that normally would not be seen. Most of us are familiar with crystal controlled rigs, not Hartleys or TNTs. If the BK allowed crystal controlled rigs it would start looking/sounding a lot like the LC but with older tubes.

The 10 watt limit on the other hand.....

Niel - W0VLZ

10200. Re: [AWA Group] Not a Pure Clean CW note!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 01:13:02 UTC
From: Paul Christensen
Topic: 10172 Message: 10200

> “No power limit...maybe someone will be brave enough to build that 813 tritet?”
Then I’m ready now. This beast is in my collection. It uses a single 804 Radiotron in a power Tritet circuit. Crystal is a Bliley LD2. See p. 136 in the link below for all the details. Not quite the manly 813 but close.
http://www.americanradiohistory.com/Archive-Short-Wave-Television/30s/SW-TV-1936-07.pdf
However, I do have a dual 813 amp that runs only Class C with a modified form of the G2DAF “forward RF biasing” circuit. This prevents key clicks that are otherwise present in a Class C biasing system. The 804 + (2) 813 will easily produce 1KW given the excellent efficiency of the amp’s Class C PA.
http://www.g4dmp.co.uk/g2daf-lin.pdf
In the coming weeks, I’ll add photos of the 804 rig to my QRZ.com page.
Paul, W9AC

10201. Re: [AWA Group] Not a Pure Clean CW note!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 01:38:47 UTC
From: Steve
Topic: 10172 Message: 10201

> This beast is in my collection. It uses a single 804 Radiotron in a
> power Tritet circuit. Crystal is a Bliley LD2. See p. 136 in the link
> below for all the details. Not quite the manly 813 but close.
http://www.americanradiohistory.com/Archive-Short-Wave-Television/30s/SW-TV-1936-07.pdf

Paul - I've seen that article before and printed out the pages
earlier...it's a beauty and tempting... would very much enjoy seeing (and
hearing) yours someday!

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

10202. Re: [AWA Group] Not a Pure Clean CW note!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 01:54:57 UTC
From: dulmagedon@...
Topic: 10172 Message: 10202

Since I started this thread on a comment/ signal report I received by email I will tell you the rest of the story. I explained to the Ham who wrote me this was the BK weekend celebrating pre 1929 rigs and would be continued next weekend.
I explained what rig I was running and apologized if my rough signal had offended him. Late this afternoon he replied. Very encouraging. Said he was now a bit envious and wished he had logged me when he had the chance. (I wish he had too but didn't say that.) Anyway it was a nice conclusion to a potential issue. What was that German saying I used before ? ;>)
don

10204. Re: [AWA Group] Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 03:44:15 UTC
From: Steve
Topic: 10162 Message: 10204

>I would chuck that circuit and free build it. Too much like an oscillator
>and not enough like an amp for my taste.

Huh? What circuit would that be?

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

10206. Re: [AWA Group] Not a Pure Clean CW note!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 10:05:04 UTC
From: N1BUG
Topic: 10172 Message: 10206

On 12/07/2014 07:12 PM, w0vlz@... [AWAGroup] wrote:
>
> I think the no crystal control BK requirement puts a level of
> transmitter technology on the air that normally would not be seen.
> Most of us are familiar with crystal controlled rigs, not Hartleys
> or TNTs. If the BK allowed crystal controlled rigs it would start
> looking/sounding a lot like the LC but with older tubes.

I agree. The fact that all rigs are self excited oscillators is what draws me to this event.

> The 10 watt limit on the other hand.....

I have mixed feelings on that. Anyone who knows me knows that I am not a QRP operator! I am a mainstream radio DXer/contester in the dog eat dog world of kilowatts. Three years ago, when I joined this fold, I was all gung ho on changing the rules to allow significantly more power. I've had three years to think about it, and have thought about it a LOT. I now favor keeping the power limit at 10 watts input. It is possible to build a low power fully '29 compliant rig that even looks the part for relatively little money. The cost escalates quickly for higher power levels, taking the possibility of building a competitive while still authentic appearing rig out of reach of many.

Bottom line: It is my opinion that whoever drafted the rules was a very wise man indeed. He knew how to make the event uniquely appealing and at the same time keep building a competitive rig that truly reflects 1929 within reach of the average man.

One could also point out that more power makes us more visible to other users of the bands. I heard a good amount of on-air complaining about BK signals this time...

73,
Paul N1BUG

10207. Re: [AWA Group] Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 11:17:51 UTC
From: N1BUG
Topic: 10162 Message: 10207

> avoid unwanted coupling

Between coils, primarily? Or did you find other harmful coupling?

> keying can become a bit challenging
> should you want to key just one stage.

Indeed. Keying is a nightmare and probably the biggest reason I kept shoving the MOPA idea to the back of the project queue. Although I understand the advantages of letting the oscillator run and keying only the PA, that approach is not particularly desirable as it will have me scrambling to completely revise my station setup with respect to receiver and how to get some means of hearing my keying. I would prefer to key both stages or just the oscillator but haven't yet worked out the details of a suitable arrangement. It has been a while, but I seem to recall after reading a number of relevant (or not so much) articles I was still unsure how to do this.

> not to mention the ads
> associated with getting HV to both units.

My thought was to run completely separate power supply umbilicals to each board.

However, your comments have got me thinking about my proposed approach to the MOPA again. I have a couple more weeks of rush-rush trying to complete other projects and sweep/push/shovel/drag/muscle/haul/bulldoze them out of the way. :) After that perhaps I will revisit the MOPA idea, do some reading and breadboard something up to see what issues I run into!

Ramblings from my past thinking...

I had planned to place the PA board to the left of the TNT MO board, since the TNT output is on the left side.

For a time I had been all about making the cleanest signal possible, which in my feeble mind more or less translated to running the oscillator lightly. Hence the idea of assuring maximum efficiency of power transfer from MO to PA was born. I thought about keeping the TNT swinging antenna coil, running twisted pair from the TNT antenna connection to another link coupled to a PA grid coil which would have a variable condenser across it to resonate the grid circuit. I suspect this could be made rather efficient and allow for adjustable coupling. However I eventually scrapped the idea because it seems overly complicated and (primarily) because I couldn't find any 1920s examples of this approach. By now you know how I am. :) If I can't

find a 1920s example, it's not happening! This is purely a matter of personal choice.

My revised plan called for removing the TNT antenna coil and using a simple coupling condenser from the hot end of the TNT tank coil to the untuned PA grid. Most likely I would mount the condenser on the PA board and use a flying lead with clip to attach to the TNT tank.

In either case the PA plate tank coil would be a foot or more distant from the MO plate tank coil and could be placed at right angles to it if coil-to-coil coupling is an issue.

I am probably overlooking a number of nightmarish details.

73,
Paul N1BUG

10208. Re: [AWA Group] Not a Pure Clean CW note!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 12:00:18 UTC
From: dulmagedon@...
Topic: 10172 Message: 10208

I agree as well. It is not power that holds us back. I have learned that from signal reports. So I know the signal is getting out there. And signal strength reports are decent too. It is answerers that seem in short supply for whatever reason. Contests are not my thing anyway but fun days are. For rockbound rigs what is wrong with Straight Key nights.
don

10209. Re: [AWA Group] Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 12:13:33 UTC
From: dulmagedon@...
Topic: 10162 Message: 10209

Paul I have run a PA on my 45 TNT. I quit because I discovered I didn't really need it. It wasn;t power that was my problem. I was being heard . Some hams are cautious about answering a different sounding signal and won't. Others only talk to those they know well. Power won't help that. I am getting reports from 350 miles out . My DX60B with a dual 811A linear does little better. I had an opportunity a couple of months back to compare the TNT and the Dx60B with AMP on air (in phone mode too) The ham on the other end said believe it or not there was not a lot of difference on the S meter. Less then 2db. He was on the new England Coast . I am content with that. As long as I can get out and have a QSO I am happy. don

10210. BK Mid-point Obsevations

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 15:03:45 UTC
From: Bill Stewart
Topic: 10210 Message: 10210

GM All,
Boy, what a hoot. The BK is the high point of my operating and as usual
it was very high on the 'fun scale' too. Here are a few observations from
down south in NC:

1. I started out on 40m..Ted, W2VDX the first QSO. I made a few more
contacts than a similar time period from last year. Later went to 80m...yuk.
The band was very noisy. In general, during this first half, I gave out more
33T/44T reports than last year. I also received more of the same type reports
than last year. That proves an important point...we ole geezers can still hear
pretty good. I would agree with other comments...condx, in general were
not very good.

2. QSO high points:
Worked Steve, VE7SL on 40m...was tuff copying his wind-chime sigs...hi.
Hope we can work on 80 next w/e. Lou, VE3AWA had one of the sweetest
notes I heard...on 80 & 40m..and strong too..57 both bands. Also worked
Steve, KK7UV (MT); Will, KE0Z(SD); Joe, KC9WYV(MN)...great job
by a up and coming BKer...tnx to Harold, KB0ROB, who I snagged on 40m.
Tnx to Scott for putting W2ICE/0 on....got him on 40 & 80..and also for his
work keeping the BK going.

3. A Red-Face:
About ten min. before the end, a rice-box sounding station, W4NTO, called me.
Wanting to try for at least one more 80m BK QSO I asked him to QRX 'till six pm.
I gave another call for AWA stns...and he came back agn and I asked him if he
was running a '20s rig...yes he was Fritz said. He had the cleanest, perfect sounding
'29 Hartley I've ever heard. I then worked Jerry, W1ZB for the last BK QSO.

3. 40 Meter Behavior:
Seems this year I got more intentional QRM than ever...carriers during a QSO,
couple of times someone was sending Lid over and over. But, none of that caused
me to miss anything. The best policy is to ignore these idiots.

All-in-all, the first half QSO count was slightly less than last year. There were quite a
few of the usual participants I have not heard yet. That's it from here. Thanks to all
who put me in your logs....see ya next weekend.
73 de Bill K4JYS

10211. How come the 2300Z stop time ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 16:08:25 UTC
From: Doug Forbes
Topic: 10192 Message: 10211
Attachments: 1 described; binary payloads are missing from this source WARC

Has anybody suggested the end time be extended for a couple of hours ?
It would sure give us west coasters a bit more of a chance on 40 that's
for sure.

Doug Forbes WA6VYN

Professor (Ret.) / Department Chair

Computer Science / Electronics / Music Technology

College of the Canyons

Neptune Cocktail<http://www.neptunecocktail.com/>

Doug Forbes Page <http://sites.google.com/site/dougforbes1/home>

On 12/7/2014 3:31 PM, N1BUG paul@... [AWAGroup] wrote:
> Well, with the first half in the books...
>
> It seemed conditions were below normal, especially to the far west.
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> that, MN was as far as I got and it didn't seem like I was hearing
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> Thanks to everyone who stuck with me through some challenging QSOs,
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> from Europe and South America make hearing anything a challenge
> after about 2100z, even with Beverages. Late this afternoon I had
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> added another layer of challenge.
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> chirp on 80. Comments appreciated. On 80 I could put the key on the
> desk right beside the TNT with no apparent worsening of my signal.
> Not so on 40! Usually I have the key on a board which sits across
> the arms of my chair. After a while I get uncomfortable and put the
> board/key across my knees for a while... but in that position my

> sending is choppy (more than usual that is).
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> where I ended up for the first half. In fact I'm not sure who is
> left to work in the second half, so hopefully there will be lots of
> activity on 160 to add to the QSO count.
>
> 73,
> Paul N1BUG
>
>
> ------------------------------------
> Posted by: N1BUG <paul@...>
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> Yahoo Groups Links
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10212. Re: [AWA Group] Not a Pure Clean CW note!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 16:21:04 UTC
From: Larry Szendrei
Topic: 10172 Message: 10212

On 12/8/14 5:05 AM, N1BUG paul@... [AWAGroup] wrote:
>
> On 12/07/2014 07:12 PM, w0vlz@... [AWAGroup] wrote:
> >
> > I think the no crystal control BK requirement puts a level of
> > transmitter technology on the air that normally would not be seen.
> > Most of us are familiar with crystal controlled rigs, not Hartleys
> > or TNTs. If the BK allowed crystal controlled rigs it would start
> > looking/sounding a lot like the LC but with older tubes.
>
> I agree. The fact that all rigs are self excited oscillators is what
> draws me to this event.
>
I agree as well, and for the same reason. Save the XTAL-controlled rigs
for the Linc Cundall.
>
>
> I now favor keeping the power limit at 10 watts
> input. It is possible to build a low power fully '29 compliant rig
> that even looks the part for relatively little money. The cost
> escalates quickly for higher power levels, taking the possibility of
> building a competitive while still authentic appearing rig out of
> reach of many.
>
I agree here, too. Helps keep it an even playing field, with operator
motivation, skill and ingenuity (and antenna, of course) being the
variables at play, more so than how much $$ you have to invest in
1929-compliant BIG TUBES.
>
>
> One could also point out that more power makes us more visible to
> other users of the bands. I heard a good amount of on-air
> complaining about BK signals this time...
>
Some people have no sense of humor...

73,
-Larry/NE1S

10213. Re: [AWA Group] How come the 2300Z stop time ? [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 16:22:51 UTC
From: Larry Szendrei
Topic: 10192 Message: 10213

On 12/8/14 11:08 AM, Doug Forbes dougforbes@... [AWAGroup] wrote:
>
> Has anybody suggested the end time be extended for a couple of hours ?
> It would sure give us west coasters a bit more of a chance on 40
> that's for sure.
>
I think that's a great idea! Maybe to 0100Z?

10214. Re: [AWA Group] How come the 2300Z stop time ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 16:36:19 UTC
From: Steve Flood
Topic: 10192 Message: 10214

Doing so will give the east coast another shot at 80m regional contacts. If its about scoring and fairness then the start stop should be more like 1700 when the low bands are all at their worst. But, I'm only in it for fun so it really doesn't matter that much to me.

"Larry Szendrei ne1s@securespeed.us [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

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>On 12/8/14 11:08 AM, Doug Forbes dougforbes@dslextreme.com [AWAGroup] wrote:
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10215. Re: [AWA Group] How come the 2300Z stop time ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 16:49:58 UTC
From: Doug Forbes
Topic: 10192 Message: 10215

I'm just in it for fun as well but it seems that by the time the band opens here many of the eastern stations are in bed on Saturday night and on Sunday the band is just opening as the postings of all the fabulous QSO's had over the weekend hit the net.

The other thing I was hoping is maybe a sked throughout the year for these 1929 stations not just the BK.

I'm not whining... no really I'm not.

Doug Forbes WA6VYN

On 12/8/2014 8:36 AM, Steve Flood kk7uv@... [AWAGroup] wrote:
>
>
> Doing so will give the east coast another shot at 80m regional
> contacts. If its about scoring and fairness then the start stop
> should be more like 1700 when the low bands are all at their worst.
> But, I'm only in it for fun so it really doesn't matter that much to me.
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>
> "Larry Szendrei ne1s@... [AWAGroup]"
> <AWAGroup@yahoogroups.com> wrote:
>
> On 12/8/14 11:08 AM, Doug Forbes dougforbes@... [AWAGroup]
> wrote:
>>
>> Has anybody suggested the end time be extended for a couple of hours
>> ? It would sure give us west coasters a bit more of a chance on 40
>> that's for sure.
>>
> I think that's a great idea! Maybe to 0100Z?
>
>
>

10216. Re: [AWA Group] Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 16:52:01 UTC
From: Steve
Topic: 10162 Message: 10216

> >Grammar's amp section of his mopa which you all were just discussing

> >I would chuck that circuit and free build it. Too much like an oscillator
> >and not enough like an amp

OK, thanks Don, but no need to 'chuck it'...Grammer's amp is a solidly engineered design and it performed beautfully on the one band I built it for. It neutralized easily and showed no signs of even wanting to oscillate.

I will likely reproduce his entire design but this time as all-in-one, as he intended originally.

Paul:

> >avoid unwanted coupling

>>Between coils, primarily? Or did you find other harmful coupling?

I can't say that I noticed any coupling between coils as the Hartley's coils were at right angles to the amplifier's. I used the same layout as shown by Hull in his Sept '28 QST
article, 'The Oscillator-Amplifier Transmitter'...I can send you a copy if needed. There were many wires and clip leads exchanged between the two units, not to mention power supply / filament stuff. I wound the PA tank coil for 80m and on that band it worked and sounded terrific. Now what I should have done was wind a dedicated 40m tank as well but instead, just clipped down the tank to resonate on 40m...same with the Hartley...I just used the 80m coil and tuned the oscillator down to 40. The 40m signal tone sounded awful...truly a RAC buzz to it. Not wanting to make a new tank coil and thinking that I had now 'seen enough' to know what I wanted to learn about the amp, I uncoupled and set up for the BK. I assumed, maybe incorrectly, that the buzzy tone was from stray coupling...RF maybe..or a combination of more than one type of unwanted coupling, hence my comment re coupling. I'm pretty sure the amp would work fine on 40m as well, with proper tank L/C values and proper attention to lead dress (short!)

> >keying can become a bit challenging
> >should you want to key just one stage.

>Indeed. Keying is a nightmare and probably the biggest reason I kept shoving the MOPA idea to the back of the project queue. Although I understand the advantages of letting the oscillator run and keying only the PA, that approach is not particularly desirable as it will have me scrambling to completely revise my station setup with respect to receiver and how to get some means of hearing my keying. I would prefer to key both stages or just the oscillator but haven't yet worked out the details of a suitable arrangement. It has been a

while, but I seem to recall after reading a number of relevant (or not so much) articles I was still unsure how to do this.

I'm also begining to think that keying both stages would be simplest too. With the oscillator running at a much lower level, it should key fairly well even under load and certainly solves some design challenges. Beverly had a QST article describing the best way to key a MOPA and suggested this as the #2 choice. The #1 choice was keying the return lead of the amp tank coil at the cold-end (no RF) which was reported to work well...this was the first and only time I have seen that!

Maybe Steve (KK7UV) can comment as I'm not sure how he keys his MOPA.

> >not to mention the ads
> >associated with getting HV to both units.

>My thought was to run completely separate power supply umbilicals to each board.

yes...I'll have to do that as well since I can't run the entire MOPA from one supply very easily.

>>However, your comments have got me thinking about my proposed approach to the MOPA again. I have a couple more weeks of rush-rush trying to complete other projects and sweep/push/shovel/drag/muscle/haul/bulldoze them out of the way. :) After that perhaps I will revisit the MOPA idea, do some reading and breadboard something up to see what issues I run into!

I'm sure it can be done but I was running out of time and patience.

>>Ramblings from my past thinking...

>>My revised plan called for removing the TNT antenna coil and using a simple coupling condenser from the hot end of the TNT tank coil to the untuned PA grid. Most likely I would mount the condenser on the PA board and use a flying lead with clip to attach to the TNT tank.

exactly the way I did it...Sangamo on the PA board and a flying (short) lead from the Hartley's tank...tons of drive even with the Hartley throttled-down.

>I am probably overlooking a number of nightmarish details.

I hope you do this Paul...would love to see / hear the results....great comments BTW.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10217. Re: [AWA Group] How come the 2300Z stop time ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 17:11:10 UTC
From: Larry Szendrei
Topic: 10192 Message: 10217

On 12/8/14 11:36 AM, Steve Flood kk7uv@... [AWAGroup] wrote:
> Doing so will give the east coast another shot at 80m regional
> contacts. If its about scoring and fairness then the start stop
> should be more like 1700 when the low bands are all at their worst.
> But, I'm only in it for fun so it really doesn't matter that much to me.
>
I think we're all in it just for fun - what other reason is there?

As far as "giving the east coasters another shot at 80M regional
contacts" goes, all of us east coasters pretty much work everyone there
is to work "regionally," by the time the contest closes as it is now.

73,
-Larry/NE1S

10218. Re: [AWA Group] How come the 2300Z stop time ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 17:11:33 UTC
From: Robert S Jenkins
Topic: 10192 Message: 10218

> On Dec 8, 2014, at 11:49, Doug Forbes dougforbes@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> The other thing I was hoping is maybe a sked throughout the year for these 1929 stations not just the BK.

This sounds like a great idea. Have a SKED page so '29 folks can get in touch with each other. Why limit it to one weekend per year?

Robert S Jenkins
KG4KGL

10219. Re: [AWA Group] How come the 2300Z stop time ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 17:17:21 UTC
From: Louis Vermond
Topic: 10192 Message: 10219

The other thing I was hoping is maybe a sked throughout the year for these 1929 stations not just the BK.

This sounds like a great idea. Have a SKED page so '29 folks can get in touch with each other. Why limit it to one weekend per year?

Bravo!

10220. Re: [AWA Group] Not a Pure Clean CW note!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 17:28:02 UTC
From: Jon Delventhal
Topic: 10172 Message: 10220

I thought all ham operators in the 1920s scanned the bands for answers, regardless of oscillator type. Otherwise, you would think that the oscillators would have had some kind of fine-tuning device. Many are shown with plain dials and don't even have verniers.

Please correct me if I am wrong.

Jon

From: "'Steve' ve7sl@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Sunday, December 7, 2014 11:51 AM
Subject: Re: [AWA Group] Not a Pure Clean CW note!

> >I feel crystal controlled rigs should be allowed.

I agree Mike...there was a lot of movement toward crystals in the late 20's, especially after Jan 1, 1929...even more appropriate for a '29 contest. Of course, the crystal guys would have to do just what they did back then, scan the band for answers after CQing and it would be impossible for them to do any search and pounce. Maybe Bruce had it right after all ;-) ??

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10221. Re: [AWA Group] Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 17:27:30 UTC
From: Steve Flood
Topic: 10162 Message: 10221

I use separate supplies on my MOPA. I key the oscillator only and leave the PA on but it is an 865 tetrode biased for *just* zero plate current with no oscillator drive.

"'Steve' ve7sl@shaw.ca [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

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>> >Grammar's amp section of his mopa which you all were just discussing
>
>> >I would chuck that circuit and free build it. Too much like an oscillator
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>engineered design and it performed beautfully on the one band I built it
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>>>Between coils, primarily? Or did you find other harmful coupling?
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>and thinking that I had now 'seen enough' to know what I wanted to learn
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>proper tank L/C values and proper attention to lead dress (short!)
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>> >should you want to key just one stage.
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>I hope you do this Paul...would love to see / hear the results....great
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>Steve
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a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active,
div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; }
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10222. Re: [AWA Group] Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 18:12:11 UTC
From: Steve
Topic: 10162 Message: 10222

>I use separate supplies on my MOPA. I key the oscillator only and leave
>the PA on but it is an 865 tetrode biased for *just* zero plate current
>with no oscillator drive.
>

ah yes...I recall that now...your keyed oscillator sounds good...is it a
Hartley type 10?

BTW...was ur mail down?...send a few replies to you on the weekend and they
got bounced a few times...

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

10223. Re: [AWA Group] Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 18:32:23 UTC
From: Steve Flood
Topic: 10162 Message: 10223

Yes - email was down yesterday. The oscillator is a Hartley 45. Plenty of drive for the 865.

"'Steve' ve7sl@shaw.ca [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

>
>
>
>>I use separate supplies on my MOPA. I key the oscillator only and leave
>>the PA on but it is an 865 tetrode biased for *just* zero plate current
>>with no oscillator drive.
>>
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>ah yes...I recall that now...your keyed oscillator sounds good...is it a
>Hartley type 10?
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>BTW...was ur mail down?...send a few replies to you on the weekend and they
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><!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a; font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads { margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc { font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd { margin: 10px 0px; font-weight: 700; font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px; padding: 0 0; } #actions { font-family: Verdana; font-size: 11px; padding: 10px 0; } #activity { background-color: #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding: 10px; } #activity span { font-weight: 700; } #activity span:first-child { text-transform: uppercase; } #activity span a { color: #5085b6; text-decoration: none; } #activity span span { color: #ff7900; } #activity span .underline { text-decoration: underline; } .attach { clear: both; display: table; font-family: Arial; font-size: 12px; padding: 10px 0; width: 400px; } .attach div a { text-decoration: none; } .attach img { border: none; padding-right: 5px; } .attach label { display: block; margin-bottom: 5px; } .attach label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; } .bold { font-family: Arial; font-size: 13px; font-weight: 700; } .bold a { text-decoration: none; } dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right: 10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right:

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10224. Re: [AWA Group] How come the 2300Z stop time ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 19:08:01 UTC
From: N1BUG
Topic: 10192 Message: 10224

On 12/08/2014 12:11 PM, Larry Szendrei ne1s@... [AWAGroup] wrote:

I think we're all in it just for fun - what other reason is there?

As far as "giving the east coasters another shot at 80M regional contacts" goes, all of us east coasters pretty much work everyone there is to work "regionally," by the time the contest closes as it is now.

Of course we're all in it for fun. It's just that we may have different definitions of fun. For some I'm sure fun is just getting on for a few leisurely contacts. Nothing wrong with that! For others the fun is an all-out effort to get the most QSOs. It would be harder on the mind and body for the latter type if the event went longer than 24 hours. I would classify myself as falling somewhere in between the two extremes. I am very motivated to get as many contacts as I can, but not enough to kill myself operating every hour of the event.

I'm not sure I totally understand the problem. As I see it, everyone gets the equivalent of one full night of operating. For some the night is split up a little.... part of one night and part of the next.

Would it serve the same objective to adjust the start and end time instead of adding more hours? Say start/stop mid-day instead of in the evening? Then everyone's full night would be contiguous. I'm not arguing against the proposal, just trying to understand it better.

73,
Paul N1BUG

10225. Re: [AWA Group] Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 19:14:30 UTC
From: N1BUG
Topic: 10162 Message: 10225

I key the oscillator only and leave the PA on but it is an 865 tetrode biased for *just* zero plate current with no oscillator drive.

Let me see if I understand this. You're saying you leave all voltages on the PA even when receiving, so the PA itself requires nothing to be switched to before and after a transmission? I apologize for asking this. I think we discussed this once before, but I seem to have lost track of those emails.

73,
Paul N1BUG

10226. Re: How come the 2300Z stop time?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 19:15:56 UTC
From: JAMES HANLON
Topic: 10226 Message: 10226

Speaking from New Mexico in the Mountain Time Zone, I'd favor a couple hours extension in the time as well. It isn't about "winning" the contest - the folks back east have a much better chance at that regardless of what the time slot is just because the density of BK stations is much greater in the Northeast. It's about more time to have fun.

Jim, W8KGI

10227. Re: [AWA Group] Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 19:50:29 UTC
From: N1BUG
Topic: 10162 Message: 10227

> Hull in his Sept '28 QST article, 'The Oscillator-Amplifier Transmitter'

Presumably I have access to the periodicals archive again. I will look for that article.

OK on your 80/40 meter experiences with the two board MO-PA. I'm still going to try that approach before doing an all-in-one for a couple of reasons. If it works I won't have to buy parts to build another oscillator. Theoretically or at least possibly I may be able to use the same PA with my Hartley, when (if?) I get to it.

> I'm also begining to think that keying both stages would be simplest too.

As of this point in time, I'm not sure how to do that. I need to find an article that discusses it and shows the circuit.

I'm thinking of maybe just keying the oscillator. Worst case the PA might require some bias switching arrangement. I suspect a combination of fixed and self bias may work well without switching, if just enough fixed bias is used to keep the tube cut off in the absence of RF excitation. I just need to do some research in order to make sure this is 1929 compliant.

> exactly the way I did it...Sangamo on the PA board and a flying (short) lead
> from the Hartley's tank...tons of drive even with the Hartley
> throttled-down.

My concern with this is how to throttle down the TNT. I can reduce plate voltage, but if the PA loads the oscillator too heavily, it still may not sound good. Perhaps tapping the coupling condenser further down the oscillator tank coil is the answer?

73,
Paul N1BUG

10228. Re: [AWA Group] Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 19:52:33 UTC
From: kk7uv@...
Topic: 10162 Message: 10228

>you leave all voltages on the PA even when receiving.

Yes. I have a key with a shorting bar connected into the PA filament tap so I can turn off ('unkey') the PA for extended RX times or breaks. During frequent calling or QSOs however the PA stays on ('keyed') with the shorting bar. The PA is cutoff on standby (no osc. drive and no PA plate current) using an external bias supply. I tried keying the PA while the oscillator ran but I didn't like listening to my oscillator during RX times. I also tried keying both together but didn't like the signal quality.

Steve - 7UV

10229. Re: [AWA Group] Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 19:55:51 UTC
From: N1BUG
Topic: 10162 Message: 10229

Don,

Despite my earlier comment about not being a low power operator it's not more power that I'm chasing. It is a cleaner signal. I can get a pretty decent note out of the TNT if I run it at a watt or so output with 10 watts input (very lightly coupled to the antenna) but then I hear a lot of BK stations that don't hear me. That situation is not entirely compatible with my personality flaws. I work most everyone I can hear if I crank it up to 4+ watts out, keeping the input at 10 watts, but then it's real growly. I'm not afraid or ashamed to run it that way, but as a matter of pride and curiosity I would like to get that 4+ watts with the note of the lower power signal. I believe it should be possible with the MOPA design. Let the oscillator run light and the amplifier make the power. I guess it's kind of a "want to do it just because I can" kind of thing. My rig is a living room ornament and visitor conversation piece most of the time. It gets on the air for the BK and the occasional sked with someone from this group. Someday perhaps I will have enough space to keep it hooked up but for now that's not realistic.

73,
Paul N1BUG

On 12/08/2014 07:13 AM, dulmagedon@... [AWAGroup] wrote:
>
>
> Paul I have run a PA on my 45 TNT. I quit because I discovered I
> didn't really need it. It wasn;t power that was my problem. I was
> being heard . Some hams are cautious about answering a different
> sounding signal and won't. Others only talk to those they know well.
> Power won't help that. I am getting reports from 350 miles out . My
> DX60B with a dual 811A linear does little better. I had an
> opportunity a couple of months back to compare the TNT and the Dx60B
> with AMP on air (in phone mode too) The ham on the other end said
> believe it or not there was not a lot of difference on the S meter.
> Less then 2db. He was on the new England Coast . I am content with
> that. As long as I can get out and have a QSO I am happy.
>
> don

10230. Re: [AWA Group] Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 20:39:15 UTC
From: dulmagedon@...
Topic: 10162 Message: 10230

Yes a lightly loaded osc sounds the best always. I have two Homebrew mopas currently but they are 1930s style not pre 29s. I leave the PA on most of the time . Larry (NE1S) gave me some hints on parking an amp and cathode resistors way back when and I learned to do it sometimes with an indicator lamp and a bit of bias in the neg lead so I could leave it on however it needs to be well behaved. In fact even my twin 811A homebrew linear for my DX60B and my ARC5s parks itself quietly and doesn't need switching. I am in a low density area for BK style stuff. Lou is probably the nearest to me (180miles atcf) that is active and he has done a sked with me several times to test some "different" stuff. That is such a big help it is hard to imagine. I built the twin 45 PA to use with the old TNT but didn't really get any better contact numbers so I robbed it last week for the new Hartley. I was working on quacking today with the new TGTP. It behaves as you described. Has good manners if not pushed too hard. However it has been running a day and still has no contacts. It is also harder to tune.
don

10231. Re: [AWA Group] Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-08 23:52:13 UTC
From: Steve
Topic: 10162 Message: 10231

>> I'm also begining to think that keying both stages would be simplest too.
>
> As of this point in time, I'm not sure how to do that. I need to
> find an article that discusses it and shows the circuit.

same as the TNT...the filament resistor center tap to ground...in this case, both of them tied together.

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10232. Grid Leak Value?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-09 18:38:15 UTC
From: Louis Vermond
Topic: 10232 Message: 10232

Hi,

Please, what is the common value of grid leak resistance used for a 201A oscillator rig? Any rig circuit will do.

Tks, Lou
VE3AWA

10233. Re: Grid Leak Value?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-09 18:50:39 UTC
From: dulmagedon@...
Topic: 10232 Message: 10233

Anywhere between 1 meg and 5 k seems to work. I spent part of Saturday trying several just to see. Did not see much difference no matter what.
don

10234. Re: Grid Leak Value?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-09 18:53:54 UTC
From: dulmagedon@...
Topic: 10232 Message: 10234

I should have added, I am currently using around 25K for my recent builds. Sorry.
don

10235. Re: [AWA Group] Grid Leak Value?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-09 18:58:35 UTC
From: Steve Flood
Topic: 10232 Message: 10235

Try 10k - 20k. Attributed to WU2D. Google "wu2d shunt fed Hartley".

"Louis Vermond ldvermond@sympatico.ca [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

>
>
>Hi,
>
>
>
>Please, what is the common value of grid leak resistance used for a 201A oscillator rig? Any rig circuit will do.
>
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>
>Tks, Lou
>
>VE3AWA
>
>
>
><!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a; font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads { margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc { font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd { margin: 10px 0px; font-weight: 700; font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px; padding: 0 0; } #actions { font-family: Verdana; font-size: 11px; padding: 10px 0; } #activity { background-color: #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding: 10px; } #activity span { font-weight: 700; } #activity span:first-child { text-transform: uppercase; } #activity span a { color: #5085b6; text-decoration: none; } #activity span span { color: #ff7900; } #activity span .underline { text-decoration: underline; } .attach { clear: both; display: table; font-family: Arial; font-size: 12px; padding: 10px 0; width: 400px; } .attach div a { text-decoration: none; } .attach img { border: none; padding-right: 5px; } .attach label { display: block; margin-bottom: 5px; } .attach label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; } .bold { font-family: Arial; font-size: 13px; font-weight: 700; } .bold a { text-decoration: none; } dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right: 10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right: 0; } div.attach-table div div a { text-decoration: none; } div.attach-table { width: 400px; } div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana; font-size: 10px;

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10236. Re: [AWA Group] Grid Leak Value?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-09 19:24:37 UTC
From: N1BUG
Topic: 10232 Message: 10236

From my notes: I tried values between 5K and 100k when I had a 201A in my TNT. There was little difference within the 7K to 70K range, with perhaps (sometimes) a slight improvement in the note around 30-60K. I settled on 50K.

73,
Paul N1BUG

On 12/09/2014 01:38 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:

Hi,

?

Please, what is?the common value of grid leak?resistance used?for a 201A oscillator rig? Any rig circuit will do.

?

Tks, Lou

VE3AWA

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

10237. Re: [AWA Group] Grid Leak Value? ..... Tks

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-09 19:52:19 UTC
From: Louis Vermond
Topic: 10237 Message: 10237

Tks Don, Steve & Paul. I have a starting point now..... a wide one! 73, Lou

----- Original Message -----
From: N1BUG paul@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-12-09 2:24 PM
Subject: Re: [AWA Group] Grid Leak Value?

From my notes: I tried values between 5K and 100k when I had a 201A in my TNT. There was little difference within the 7K to 70K range, with perhaps (sometimes) a slight improvement in the note around 30-60K. I settled on 50K.

73,
Paul N1BUG

On 12/09/2014 01:38 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:

Hi,

Please, what is the common value of grid leak resistance used for a 201A oscillator rig? Any rig circuit will do.

Tks, Lou
VE3AWA

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

10238. MOPA Keying

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-09 22:41:16 UTC
From: JAMES HANLON
Topic: 10238 Message: 10238

As long as we're talking about how to key an MOPA, I thought I would share my technique.

I normally operate QSK, break-in, so for all of my "classic" gear I've built a differential keyer that does the following, in time-sequence.
1. My key closes. Then ...
2. A (mercury wetted) relay transfers the antenna from the receiver to the transmitter. At the same time another relay shorts the antenna input to the receiver to ground and connects an additional potentiometer in series with the RF Gain control of the receiver - adjustable for appropriate transmit volume.
3. After a short delay, an oscillator keying relay closes.
4. After an additional short delay, an amplifier keying relay closes.

5. When my key opens, the above relays release in reverse order. Namely ...
6. The amplifier keying relay opens.
7. After a short delay, the oscillator keying relay opens.
8. After an additional delay, the receiver cut-back relay opens and the antenna relay switches the antenna from the transmitter back to the receiver.

All of this happens quickly enough so that I can listen to what is happening on the air in between dots and dashes to well above 35 wpm, about as fast as I ever go.

For my MOPA, I use separate, 7.5 volt, center tapped filament transformers on both the 10 Hartley oscillator and the 10 amplifier stages. I key the oscillator filament center tap with my oscillator keying relay and the amplifier filament center tap with my amplifier keying relay. I have an SPDT switch that allows me to short either keying relay output to ground for spotting purposes. So if I put it into the "oscillator" position I can spot the oscillator without putting the amplifier on the air, and I can also run the oscillator continuously and just key the amplifier on the air if I please. If I put the switch into the "amplifier" position I can just key the oscillator on the air by itself and rely on the 45 volts of fixed bias I normally use on the amplifier to cut it back to a safe level. Normally I leave the spotting switch in its neutral (neither side shorted) position and run the MOPA in QSK mode, keying both the oscillator and amplifier in sequence.

I realize that not everyone would want to built a keyer this complex, but it does allow me to do some interesting things with my MOPA and it might give you a few ideas. I can supply additional information on the keyer for anyone who might be interested.

73,

Jim, W8KGI

10239. TGTP reworked and running.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-10 00:04:42 UTC
From: dulmagedon@...
Topic: 10239 Message: 10239

I spent yesterday and some of today working on the TGTP 01A tubed rig. It appears to be working near as I can tell nearby. I solved some of its bad manners along the way. It is not easy to run. Anyway I have been banging away around 3550 to 3554 kc. Tuning is quite sharp. I don't know if that is good or bad. Set osc tuning then bring plate tuning in. They have to both be perfect to get a clean note. Have yet to make a contact but it is early in the program.
don

10240. Re: [AWA Group] TGTP reworked and running.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-10 01:46:22 UTC
From: Louis Vermond
Topic: 10239 Message: 10240

Don,

Pse send ckt! Lou

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-12-09 7:04 PM
Subject: [AWA Group] TGTP reworked and running.

I spent yesterday and some of today working on the TGTP 01A tubed rig. It appears to be working near as I can tell nearby. I solved some of its bad manners along the way. It is not easy to run. Anyway I have been banging away around 3550 to 3554 kc. Tuning is quite sharp. I don't know if that is good or bad. Set osc tuning then bring plate tuning in. They have to both be perfect to get a clean note. Have yet to make a contact but it is early in the program.

don

10241. Re: [AWA Group] TGTP reworked and running.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-10 02:28:04 UTC
From: Louis Vermond
Topic: 10239 Message: 10241
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

10242. RE: [AWA Group] TGTP reworked and running.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-10 02:52:56 UTC
From: Mike Feher
Topic: 10239 Message: 10242
Attachments: 1 described; binary payloads are missing from this source WARC

Hey Lou – How about a high resolution attachment instead of that fuzzy photo included with the text. I keep on asking that you do that. It is difficult to see the details with my old eyes even on a large monitor, and the resolution is poor that saving it and then viewing it does not help. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, December 09, 2014 9:28 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] TGTP reworked and running.

□

10243. Re: [AWA Group] TGTP reworked and running.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-10 03:09:11 UTC
From: dulmagedon@...
Topic: 10239 Message: 10243

Check your email. I sent the crkt best I can remember. I think it is right. I didn't build it from a plan or schematic, just from how I know it works. The values for components I used were what I had on hand of vintage style stuff. The RFC (plate choke) I wound on a 1/2 inch dowel about 210 turns of #28 copper. Indicator lamp is a fetish of mine and is not necessary as you already would know. I just like them.
don

10244. Re: [AWA Group] TGTP reworked and running.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-10 03:02:32 UTC
From: Louis Vermond
Topic: 10239 Message: 10244

Hey Lou – How about a high resolution attachment instead of that fuzzy photo included with the text. I keep on asking that you do that. It is difficult to see the details with my old eyes even on a large monitor, and the resolution is poor that saving it and then viewing it does not help. 73 – Mike

GE Mike,

That's Don's TPTG. It was added to a Group file, but Don did not mention such...as far as I know anyway.

Don, get a new camera!

GN, Lou

10245. RE: [AWA Group] TGTP reworked and running.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-10 03:23:58 UTC
From: Mike Feher
Topic: 10239 Message: 10245

In that case, you should have mentioned that. There are a lot of unreferenced emails going back and forth and it is tough to keep track. With Don, I never know what he is talking about. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, December 09, 2014 10:03 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] TGTP reworked and running.

☐

Hey Lou – How about a high resolution attachment instead of that fuzzy photo included with the text. I keep on asking that you do that. It is difficult to see the details with my old eyes even on a large monitor, and the resolution is poor that saving it and then viewing it does not help. 73 – Mike

GE Mike,

That's Don's TPTG. It was added to a Group file, but Don did not mention such...as far as I know anyway.

Don, get a new camera!

GN, Lou

10246. Re: [AWA Group] Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-10 03:24:18 UTC
From: dulmagedon@...
Topic: 10162 Message: 10246
Attachments: 2 described; binary payloads are missing from this source WARC

Here is the twin 45 tube PA I build and used for a bit. I robbed it for the new Hartley don

10247. RE: [AWA Group] Two Board MOPA [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-10 03:29:46 UTC
From: Mike Feher
Topic: 10162 Message: 10247

Don –

Looking good – but, it would be preferred by at least me if you took some better pictures. Also, if you included a part of the post that you are replying to. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, December 09, 2014 10:24 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Two Board MOPA [2 Attachments]

Here is the twin 45 tube PA I build and used for a bit. I robbed it for the new Hartley

don

10248. RE: [AWA Group] TGTP reworked and running.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-10 03:32:40 UTC
From: dulmagedon@...
Topic: 10239 Message: 10248

I am always afraid of the schematic "police". I just sent that now Lou after you posted that . I cant see it here so I don't know what it is.
Yes Mike I know that is true. Maybe when your older it will all make sense. It all works and is on the air so to speak so tisn't a problem here.
don

10249. RE: [AWA Group] TGTP reworked and running.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-10 03:39:35 UTC
From: Mike Feher
Topic: 10239 Message: 10249

Don –

You still did not include any reference text in your reply. Older, older than who? Not that it makes any difference as age is not really relevant, but, relative to you I am 5 years older. I did not send my previous email to get you riled, however, for whatever reason, it appears it did. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, December 09, 2014 10:33 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] TGTP reworked and running.

I am always afraid of the schematic "police". I just sent that now Lou after you posted that . I cant see it here so I don't know what it is.

Yes Mike I know that is true. Maybe when your older it will all make sense. It all works and is on the air so to speak so tisn't a problem here.

don

10250. Re: [AWA Group] TGTP reworked and running.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-10 08:32:44 UTC
From: Louis Vermond
Topic: 10239 Message: 10250
Attachments: 3 described; binary payloads are missing from this source WARC

GM Don and All,

Thank you for the TPTG ckt. A few questions.

The lamp in the B+ line, is that a sub for a meter? What number lamp is it?

You are using DC on the filament, right?

What is the plate voltage?

Power in/out put?

See below ckt.

Tank coil: Gauge and number of turns pse?

You are prolific!

10251. Re: [AWA Group] TGTP reworked and running.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-10 10:41:30 UTC
From: dulmagedon@...
Topic: 10239 Message: 10251

For some reason I can't see those photos.
Yes an indicator lamp in place of a meter for tuning. #40 bulb but now they are getting hard to find. Not using it will not affect anything in the circuit. I had already tried it both with and without as I believe "one good experiment beats 1000 expert opinions." With poorer eyesight I can tell easier with a lamp although I don't have any meters anyway. The tank coil? I would have to count. It was one I made for something else on a vintage style cardboard box from Micheals craft store and I used my Grid dip to check it and removed turns till it was in range for 80 meters. It is my intention to replace it with a 3 inch coil as soon as I can get to the shop and machine one on the lathe from Schedule 40 ABS.(I am healing from a fractured lumbar spine so am sensitive to any "pain" in that area.)
I like a 2 turn out loop for the antenna and probably 12 turns for the main coil in insulated hookup wire perhaps #18. Keydown voltage is currently 227 volts at 41 mils when tuned on freq.
Yes I run DC filtered on my filament. I want to try DC battery on them all as I have a hook up made up for it but haven't had the time yet to try it. I suspect it would be quite an improvement but that is at this point just a guess. 6 volt gel cells are available for the asking from Alarm companies who have to change them good or bad every year and pay to dispose of them. dropping them to 5v is of course easy. I use automotive heater control switches from CTC in all my early tube stuff to control heater voltage. They look right. Say HEAT on them and do the job not bad.
don

10252. Re: [AWA Group] TGTP reworked and running.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-10 12:44:17 UTC
From: Larry Szendrei
Topic: 10239 Message: 10252
Attachments: 1 described; binary payloads are missing from this source WARC

Don,

At the risk of sounding like "the schematic police," which is not my intent, I have a couple of suggestions:

(1) The .001 uF condenser between the RF "cold" end of the plate tank and the A+ terminal should be moved to between the plate/"top" of RFC and the tank circuit. This will put both the tank coil and the air variable across it at ground potential, instead of B+, with no other effect on the circuit. This is safer, obviously. Otherwise, there is no real need for the RFC and you could feed the B+ directly to the "bottom" (RF cold) end of the tank circuit directly (called "series feed"). The main reason for the RFC is to allow what was called "parallel feed" which takes the B+ off the plate tank circuit.

(2) The "bottom" ("Rf cold") side of the GRID tank circuit should be moved to the other side of the key. Right now you have "negative lead keying" which puts the entire B+ across the key when open. Also, your filament supply floats at full B+ when the key is open. Moving the connection will convert it to "cathode keying" which means the key contact and filament supply only need to float at the cutoff voltage for the tube, which, for an '01A, will be about 1/8 of the full B+ voltage (since the amplification factor of the '01A is specified as 8).

No doubt your circuit "works" fine, but the above suggestions are made in the spirit of safety and "good engineering practice." Whether you act on them, of course, is totally up to you.

73,
-Larry/NE1S

On 12/10/14 3:32 AM, 'Louis Vermond' ldvermond@... [AWAGroup] wrote:
>
> See below ckt.
>

10253. Re: [AWA Group] TGTP reworked and running.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-10 15:40:33 UTC
From: dulmagedon@...
Topic: 10239 Message: 10253

Ok #1 I understand. removes B+ from the tank circuit so only RF is present in the section and it is safer . #2 I am trying to understand better. If I understand I think you are saying feed the grid tank B- always (PS on) and key only the B- going to the one side of the filament. If that is so I hadn't thought of that before. Neat.
Is that correct or did I miss something?
Yeah it does work and not badly I think but I am up for any improvements. I didn't have a schematic I just whipped it up what I thought would work. I had to draw the Schematic when Lou asked me last night.
I have a similar rig 1930s style with a 6l6G I built when I was first recovering from my accident a few weeks back. Originally I gang tuned it but split it off last week to see if it would improve performance a bit and it did. It is an AM only rig. I could apply these output tank mods to it as well. Some good 40M day you may here a little squeak. This current rig is CW only and will stay that way.
thanks
don

10254. Reinartz's Book

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-10 15:52:57 UTC
From: ai9e_qrp@...
Topic: 10254 Message: 10254

Does anyone here have a copy or a link for John Reinartz's booklet, "How to Build Receivers and Transmitters at Low Cost"?

Thanks - Dave NM0S

10255. Re: [AWA Group] TGTP reworked and running.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-10 16:27:37 UTC
From: Larry Szendrei
Topic: 10239 Message: 10255

Hi Don,

Comments & answers below.

73,
-Larry/NE1S

On 12/10/14 10:40 AM, dulmagedon@... [AWAGroup] wrote:
>
> Ok #1 I understand. removes B+ from the tank circuit so only RF is
> present in the section and it is safer .
>
Yes, that is correct.

> #2 I am trying to understand better. If I understand I think you are
> saying feed the grid tank B- always (PS on) and key only the B- going
> to the one side of the filament.
>
Yep. So the "bottom" of the grid tank circuit (coil and air variable)
get connected directly to B-/ground, just like the "bottom" of the plate
tank circuit. The A+ filament lead still attaches to the key, which,
when closed, connects it to ground/B-. The effect is somewhat subtle and
a bit difficult to "see", but if you measure the voltage across the key
(key open, of course) you will observe a big difference between the two
ways of wiring it.

> If that is so I hadn't thought of that before. Neat.
>
> Is that correct or did I miss something?
>
I think you've got it!

> Yeah it does work and not badly I think but I am up for any
> improvements. I didn't have a schematic I just whipped it up what I
> thought would work. I had to draw the Schematic when Lou asked me last
> night.
>
> I have a similar rig 1930s style with a 6l6G I built when I was first
> recovering from my accident a few weeks back. Originally I gang tuned
> it but split it off last week to see if it would improve performance a
> bit and it did. It is an AM only rig. I could apply these output tank
> mods to it as well. Some good 40M day you may here a little squeak.
> This current rig is CW only and will stay that way.
>
>
I would love to talk to you when you're using one of your Hbrew rigs.

Typically I have very low noise here, so it shouldn't take a huge signal for me to hear you.

Probably won't be on 7290 AM today or tomorrow; probably early Friday afternoon.

73,
-Larry/NE1S

10256. Re: [AWA Group] TGTP reworked and running.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-10 17:21:26 UTC
From: dulmagedon@...
Topic: 10239 Message: 10256

Thanks Larry I am going to do that now.
What I will do is monitor 40M which I almost always have on. I can tell from your signal level if it is a good day or not. When it is and there is a hole I give it a shot. I can usually hear Dirk and Rube fairly well. You just awe bit harder but sometimes it is quite good. (Like the other day when you and Tim were chatting.).
I have a question. It may be dumb so brace yourself, be gentle and hide your grin.. By isolating the tank output circuit(#1 correction) I make the output not DC hot however in my rig it isn't anyway because I have a two turn link out and no naked wires. Should I still do it or just next time?
don

10257. Re: [AWA Group] TGTP reworked and running.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-10 18:41:38 UTC
From: Larry Szendrei
Topic: 10239 Message: 10257

On 12/10/14 12:21 PM, dulmagedon@... [AWAGroup] wrote:
>
> I have a question. It may be dumb so brace yourself, be gentle and
> hide your grin.. By isolating the tank output circuit(#1 correction) I
> make the output not DC hot however in my rig it isn't anyway because I
> have a two turn link out and no naked wires. Should I still do it or
> just next time?
>
> don
>
>
> .
>
>

Not a dumb question at all. As you say, the antenna and output link aren't hot with HV DC either way (unless the link touches the tank coil by mistake). But making the change I had suggested will take the HV off the tank coil AND the air variable, which, in my mind, is still worth doing, especially since it just involves the connections to just one component (the 0.001 uF cap).

73,
-Larry/NE1S

10258. Re: [AWA Group] TGTP reworked and running.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-10 19:19:21 UTC
From: dulmagedon@...
Topic: 10239 Message: 10258

OK, Got it.
I did correction #2 and have been trying it. Subtle differences , yes but somehow smoother. Thanks.
Measured potential across the key as you suggested, Only 41 volts. Unit tunes smoother as well for some reason. The duck has almost gone too. Hardly any quacking. I notice the heater dim slightly on keying . it did before too only more so. That is my next area to explore. I am really beginning to like this TGTP. I caution that with the fact I have yet to have a QSO with it but it is on par with the others if my instrumentation doesn't lie. I am pounding brass on or about 3550 when ever I am down there.
don

10259. BK contest changes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-11 02:16:41 UTC
From: Ron Barlow
Topic: 10259 Message: 10259

Hello all,
I have been reading some of the mail, re proposed changes to the BK QSO party, and I wanted to add my $.02.
In my opinion, it "ain't broke", so please, let's not fix it!
IMHO, the distinctive sounding signals are a large part of what makes this particular event unique and interesting.
There are countless other operating events, including the Linc Cundall event, that provide an outlet for those that wish to use xtal control, QRO, intense competition, etc!
Coincidentally, the glowbugs group is planning to sponsor a February event (NRR)that would seem to cater to many of these whims---xtal control, more power, etc.
I understand that others may have different views. I just happen to find a large chunk of magic associated with spanning a distance of many 100s of miles, while using a xmtr that consists of a grand total of 6 junkbox parts, including an 85+ year old receiving type tube!
Ditto for the use of a simple regen rx.

The one proposed change that I do like, is the proposed extention beyond the current 2300Z end time. I believe that the potential for increased west coast participation would be a win/win situation. Perhaps an exclusion of some of the (mostly unused, AFAIK) night time hours would allow such a change to be more palatable, for those that would otherwise be inclined to resist such a change??

I was not QRV, in the BK, during the past weekend, due to the annual conflict with another activity (calender by Murphy!).
I do hope to be QRV next weekend. I hope to CU then!
73 & Gl to all,
Ron n4gjv

10260. Re: [AWA Group] BK contest changes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-11 05:13:48 UTC
From: Steve
Topic: 10259 Message: 10260

> The one proposed change that I do like, is the proposed extention beyond
> the current 2300Z end time.

Ron and others that have commented...as a west-coaster I would also like to see the QSO Party ending time extended a bit...just a few more hours, say at 0200Z. This would give more contacts between east and west on 40m I'm sure as a lot of guys have left 40m for 80m just as it is getting dark and prop is improving. The eastern guys have been much more patient the last couple of years in staying on 40 even later than they would like but I still find it goes quiet here just as the band really settles in.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10261. Re: [AWA Group] BK contest changes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-11 12:46:15 UTC
From: N1BUG
Topic: 10259 Message: 10261

May I offer an alternative thought?

What about trying to encourage a late night 40 meter session for east coast to west coast? Maybe even write it into the rules somehow so as to get the word out and encourage participation.

I am all for increasing the number of QSOs for you guys out west. Maybe that would provide additional incentive for more stations getting active from out there... a win-win situation for all. It comes down to a question of what would be most effective in achieving the desired goal of more east-to-west QSOs.

I think a lot of guys would have a tough time taking advantage of the proposed time extension to work the west coast on 40, given that part of the evening is prime time on 80 for working the casual operators who are only on for a short time. I was still finding (and still missed) some "local" QSOs on 80 in the last hour of the second weekend, despite having spent a lot of time on that band. My point is that I think no matter how many evenings are available, a lot of guys are still going to leave 40 for 80 before the west coast gets good propagation. I find it very hard to stay on 40 with only one or two signals being heard when 80 is buzzing (no pun intended) with activity, much of it from stations who are not going to be there long. That part of the evening is also brutal on 40 here with QRM from off-continent SSB.

I am very interested in working the west coast on 40 but would find it far easier to commit to a late night (say 0500z-1000z) west coast "activity period" since the casual operators are gone and things are slow. I would think/hope a number of other serious party-goers would jump on this opportunity as well but who knows. It is true that the casual operators would not be participating, but I suspect it would be hard to convince them to expend the effort to get the west coast in any time frame.

I of course may be 180 degrees out of phase on this suggestion. Perhaps extending the time as proposed is the best solution. I merely offer this as food for thought.

73,
Paul N1BUG

On 12/11/2014 12:13 AM, 'Steve' ve7sl@... [AWAGroup] wrote:
>> The one proposed change that I do like, is the proposed extention beyond
>> the current 2300Z end time.
>
> Ron and others that have commented...as a west-coaster I would also like to

> see the QSO Party ending time extended a bit...just a few more hours, say at
> 0200Z. This would give more contacts between east and west on 40m I'm sure
> as a lot of guys have left 40m for 80m just as it is getting dark and prop
> is improving. The eastern guys have been much more patient the last couple
> of years in staying on 40 even later than they would like but I still find
> it goes quiet here just as the band really settles in.
>
> Steve

10262. Re: [AWA Group] TGTP reworked and running.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-11 13:08:31 UTC
From: Larry Szendrei
Topic: 10239 Message: 10262

On 12/10/14 2:19 PM, dulmagedon@... [AWAGroup] wrote:
>
> OK, Got it.
>
> I did correction #2 and have been trying it. Subtle differences , yes
> but somehow smoother. Thanks.
>
I wouldn't have predicted much of a change in keying characteristics, but there could be some. I misspoke when I had said the effect of the change was subtle; what I meant was that it's not strikingly obvious why the difference in the two ways of connecting the grid return circuit makes such a large difference (anything but subtle) in the voltage present at the open key, unless one is pretty familiar with vacuum tube theory and circuit analysis. Basically, with the grid of the tube at DC ground, it is impossible for the cathode to float above the magnitude of the cutoff voltage for the tube. With the grid connected to the cathode, the tube looks like a resistor in series with the HV supply, from a DC perspective.

> Measured potential across the key as you suggested, Only 41 volts.
> Unit tunes smoother as well for some reason. The duck has almost gone
> too. Hardly any quacking. I notice the heater dim slightly on keying .
> it did before too only more so. That is my next area to explore. I am
> really beginning to like this TGTP. I caution that with the fact I
> have yet to have a QSO with it but it is on par with the others if my
> instrumentation doesn't lie.
>
41 volts across the key is after the change, right? Before the change you should have seen the full HV supply voltage. Heater dimming on keying is not good - check for unwanted paths between your filament supply and the rest of the circuit. Your heater supply should be floating, i.e., no paths to ground besides the key itself.
>
> I am pounding brass on or about 3550 when ever I am down there.
>
>
Sorry, been pretty busy this week and today will be no exception. I have several errands to run. Otherwise, I'd listen for you.

73,
-Larry/NE1S

10263. Re: [AWA Group] TGTP reworked and running.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-11 14:08:51 UTC
From: dulmagedon@...
Topic: 10239 Message: 10263

Larry, life goes on and it is winter, worry not. Tomorrow is a bad word when you are looking after your stuff in winter. I am going to try all day anyway to see if I can raise any kind of reply. I like how this rig feels and maybe it all in my mind. The tuning changed because there actually is extra wire now (extended lead) in the grid tank . Minor perhaps but both dials just happen to read the same number on 3550kc . Just luck I know but I will take it. I think it keys easier because it is "ready to go " so to speak. Maybe not but it is nicer. I sure hope it is good on air because it is the best lookin radio I have! I will borrow the XYLs good camera and make a picture of the front. If it works on air I am going to rebuild my one tube regen to match add and an audio amp. Then I will have an all 01A station for 80M. Two TXs and one RX. That and a pair of round rim glasses and I will be "in the zone".
don
Thanks for the guidance , (agn)

10264. East coast West coast

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-12 00:56:16 UTC
From: dulmagedon@...
Topic: 10264 Message: 10264

So what does it take to work the west coast from down east on 40M?
Seem a tall order for a 10 watt input or even 20W. I am curious and will be listening (only)
don

10265. RE: [AWA Group] East coast West coast

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-12 01:39:38 UTC
From: Steve Flood
Topic: 10264 Message: 10265

Favorable propagation for one. This time of year, minus major ionospheric disturbances, the hours of darkness and twilight are likely best.

An ordinary dipole at some reasonable height (40-50 feet), will put your signal on the whole continent and beyond, provided the entire antenna system is tuned properly and care is taken to minimize losses. What is your antenna setup? Do you know your actual output?

Steve, KK7UV

<http://y.analytics.yahoo.com/fpc.pl?ywarid=515FB27823A7407E&a=10001310322279&js=no&resp=img>

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

10266. RE: [AWA Group] East coast West coast

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-12 02:56:51 UTC
From: dulmagedon@...
Topic: 10264 Message: 10266

I use an single feed end fed long wire natural on 80M. No I do not know my output. I don't have a decent wattmeter. I would guess 3 watts on a good day. (6.5W input) I also have a 80/40 inverted Vee upstairs in studio A.
You talked about time what time does your 40m open up from the east? I am on the centre north shore of Lake Ontario in a place known as Prince Edward County. It is a island sort of. Hangs out in the Lake like a wart. I can work the east coast with ease even south east into VA and NC etc. Just never gave any serious thought about working VE7land with my Hartley, my TNT or my TGTP. I never gave a lot of thought to the time deal which since you mentioned it makes a lot of sense. The concept intrigues me. I will be listening around Sat to see what I can hear late at night.
don

10267. RE: [AWA Group] East coast West coast

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-12 05:14:29 UTC
From: w0vlz@...
Topic: 10264 Message: 10267

Don,

"I use an single feed end fed long wire natural on 80M" Tell us more about your end fed long wire. How long is it? How high is it? What direction is it running in? Is it connected directly to the link output of your transmitter or is there an antenna matching network in between? Might make a big difference for you working VA and NC vs BC.

"I also have a 80/40 inverted Vee upstairs" Same sort of questions for this antenna.

One or the other might be a lot better for working the west coast.

FWIW I have an end fed wire on 80 broadside to the east but it is pretty low. It works fine around MN but DX for me last weekend at 10W in/2.5W out was only PA, about 700mi. I'm certain if I had it up higher it would do a much better job.

Niel - W0VLZ

10268. RE: [AWA Group] East coast West coast

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-12 11:52:55 UTC
From: Steve Flood
Topic: 10264 Message: 10268

>don't have a decent wattmeter. I would guess 3 watts on a good day. (6.5W input). That would be exceptional for our self-excited oscillators on 40m where 25-30% efficiency is more the norm. Or is that a MOPA to which you're referring? A wattmeter would be a valuable addition to your station – both for adjusting your rig and for determining your output. On a Hartley for example, it is interesting to watch how output varies drastically as you vary the loading and the feedback tap.

what time does your 40m open up from the east? During the B-K Party, it is typically opening up at the 2300z start time and open throughout the night. It will begin it's fade around 1300z. I am several hundred miles inland (MT), so it may be a little later for those in the coastal areas.

I will be listening around Sat to see what I can hear late at night. I think many of us out west are on 40m until local darkness – which is around 0130-0200z for those most westerly like Steve and John (BC), Doug (CA), Dan (WA), Bud (OR).

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

10269. RE: [AWA Group] East coast West coast

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-12 12:44:25 UTC
From: dulmagedon@...
Topic: 10264 Message: 10269

Yes I agree but after 17 years of retirement and no pension it aint gonna happen unless Santa brings it. If I can't make it we don't get it. Well it was just a guess but I did work east and west over 300 mi ATCF and got decent RSTs so I must have some oomf. It is what it is anyway. I like it and it works well.
My longwire. Well. this QTH has been a difficult one. When I moved here I brought my A3 beam and never had a contact for almost a year. I sold it to a Russian contester as it had been a wonderful antenna at the old QTH. (About 200 yards up the road) I built a 20m vertical one day out of Copper and on the high bands never looked back. Can work the world barefoot with my TS830S almost at will conditions permitting. That prompted several experiments including an inverted L on 80M which is how I met Lou when we tested my Bare Essentials 50L6 rig a few years back. When I got into AM I wanted a dedicated shack and built one downstairs. I tried a few antennas with moderate success then one day decided to try the long wire end fed. I believe it is 137 ft long with a 67 ft single wire coming off about 4 inches in at a distinct right angle. I am going from memory and it has been awhile since I stuck it up but right from the first time I lit it it has been great. I got the dimensions from an old Frank Jones article if memory serves me and it works on 80 and 40 without a tuner just fine. If you have worked me on CW or AM except for the bare essentials rig then it has been on this antenna. It is up an "'average " of 40 feet I would say and goes from a tree by the house out over the cliff to a tree at the next fence. I have worked AM even into Maine and VA with modulating my TNT and had good signal strength reports. I had never played with end fed longwires but for this QTH this one has been a boon. I havean inverted Vee upstairs and use it for those rigs but truth be told the longwire puts it to shame. BTW I listen on a beverage both upstairs and downstairs except for my regen which doesn't need much antenna and does the job with a 10 inch 3 turn loop sitting in the window.
don

10270. RE: [AWA Group] East coast West coast

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-12 12:55:40 UTC
From: dulmagedon@...
Topic: 10264 Message: 10270

Sorry Niel I didn't answer all your questions. The longwire faces north south and is fed from the south end. The inverted Vee is fastened to the side of the house on a hydro insulator no longer used. The coax is almost a straight drop to the shack. It has 40M inner Vee and a 80M outer Vee. ends are about 6 feet off the ground for the 80m and a bit less for the 40s. It is built so there is minimum interaction between the two sections. I use iit mostly for my SSB rig when working the lower bands or for the Bare essentials rig. At the moment it has a 6l6g one tube AM rig stuck on it for testing. Leg lengths are normal dimensions and SWR is decent.
don

10271. Re: [AWA Group] East coast West coast

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-12 13:23:44 UTC
From: N1BUG
Topic: 10264 Message: 10271

So what does it take to work the west coast from down east on 40M?

Not that much. As Steve said, favorable conditions of course. Many nights it is doable with a watt or two output and a dipole or similar at modest height. Last weekend notwithstanding, I have no trouble working the west coast on 40 with my TNT at 10 watts input (about 3 watts out) and coax fed inverted V, apex at 70 feet. My antenna may be higher than most but I'm sure I could do it with less height. Even with poor conditions last weekend I worked VE7SL at 2318z... while it was still light at his end. Signals would have undoubtedly been better later. I have easily worked Europe with the same setup.

It gets a bit tougher on 80 but still possible. I have worked VE7SL, KK7UV (both worked last weekend under poor conditions too) and others. Two years ago in the BK I worked WB2AWQ in Reno, Nevada on 80 near my sunrise. What is special about that is his antenna.... a dipole strung along the top of a wood fence, about 6 feet off the ground. He reported the fence was soaking wet at the time which probably made it even worse.

I have also worked the west coast and England on 160 with the TNT at 10 watts input, 3 or 4 watts out. My antenna was a bit better there though... a tall vertical with lots of radials on the ground.

I usually listen on Beverages because I have a lot of local noise sources near my transmit antennas. If I were in a less noisy environment, Beverages probably wouldn't be needed.

Generally the times are between sunset at the western end and sunrise at the eastern end (while the whole path is in darkness). On 40 you can extend that a bit, but not so likely on 80 or 160. There certainly can be exceptions but signals often peak around sunrise at the eastern end.

73,
Paul N1BUG

10272. Re: [AWA Group] BK contest changes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-12 18:49:36 UTC
From: Steve
Topic: 10259 Message: 10272

> I am very interested in working the west coast on 40 but would find
> it far easier to commit to a late night (say 0500z-1000z) west coast
> "activity period" since the casual operators are gone and things are
> slow.

Paul - I think that would be interesting to try but often at this time of the year, 40m gets into it's midwinter funk and either goes very very long or just plain dead a few hours after sunset....checking my past logs I see that there are few QSO's after 0500Z on 80m, unless condx are really up and down. A couple of my 'must-do' QSO's with Lou have occured after 0500Z and it is usually after this that condx can get quite good...but most easterners have probably shut down. It may just be a no-win situation in the long run.

Last year I worked 17 stations on 40m between 2300 and 0128 Z over the two weekends so it may be just more of case of having better condx...if condx are good and easterners are working back west on 40m, they seem to hang around....if not, it's off to 80 and who can blame them!

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10273. BK 160 Window / Watering-hole

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-12 18:53:07 UTC
From: Steve
Topic: 10259 Message: 10273

Shall we decide on a time for everyone to gather round the 160m fire on Saturday night? Last year it looks like it was 0200Z - 0300Z and at the low end ~ 1805 +/- a few.

It's a little early back here but the time slot produced 8 contacts so if condx are normal, it seems to work....

...others??

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10274. Re: [AWA Group] East coast West coast

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-12 18:58:34 UTC
From: Steve
Topic: 10264 Message: 10274

Don - I will certainly keep an ear out for you on Saturday night on both bands or if you like, we could try a pre-arranged time and frequency? If condx are 'normal' just a few watts is all that is needed but this is assuming a fairly efficient antenna system on both ends and for rx as well.

The nice thing about RF is that it just loves to radiate so if condx are above normal, almost anything will work it seems. Last weekend was very poor...I never even heard Lou on 40m in spite of working several others back east and Lou has an efficient zepp / tuned feeders I believe and high enough, so bewteen here and VE3 is often just a little too short it seems!

Let me know if you would like to try a sked otherwise I'll be sure to keep a close ear for you.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10275. Re: [AWA Group] East coast West coast

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-12 21:13:05 UTC
From: dulmagedon@...
Topic: 10264 Message: 10275

I hate to muddle in your contest time. I am not that good an operator on CW anymore. I tend to panic when I hear my call.(get that "Are u talkin to me ?" feeling.) I am usually up then and will give a listen on 40M. If there is a lull I might give it a shot. Thanks for the offer though. I have three rigs 45 TNT, 01A Hartley and an 01A TGTP (which has quite a quack if pushed.) I must admit I find the idea most interesting. I am building another PS so I can operate the old rigs upstairs as well. I have toured your site many times over the last few years and enjoyed it very much.
don

10276. ebay alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-12 19:43:07 UTC
From: Louis Vermond
Topic: 6020 Message: 10276

http://www.ebay.com/itm/WESTON-SWR-PANEL-METER-USED-VINTAGE-/271705597870?ssPageName=ADME:B:SS:CA:1120

http://www.ebay.com/itm/Meter-Movements-Old-School-Dial-face-0-100-no-value-linear-markings-Tested-/161517619071?ssPageName=ADME:B:SS:CA:3160

10277. RE: [AWA Group] BK 160 Window / Watering-hole

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-12 21:58:30 UTC
From: Steve Flood
Topic: 10259 Message: 10277

...others??

0200-0300z sounds good to me.

Steve KK7UV

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

10278. Re: [AWA Group] East coast West coast

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-12 22:09:55 UTC
From: w0vlz@...
Topic: 10264 Message: 10278

If you haven't already found it, be sure to check out Steve's blog at VE7SL - Steve - Amateur Radio Blog http://ve7sl.blogspot.com/ ... good reading in addition to his web site at The VE7SL Radio Notebook http://members.shaw.ca/ve7sl/

Niel - W0VLZ

http://members.shaw.ca/ve7sl/

The VE7SL Radio Notebook http://members.shaw.ca/ve7sl/ ***** Please Visit My New Blog! ***** "Homebrewing and Operating Adventures From 2200m To Nanowaves"

View on members.shaw.ca http://members.shaw.ca/ve7sl/
Preview by Yahoo

http://ve7sl.blogspot.com/

VE7SL - Steve - Amateur Radio Blog http://ve7sl.blogspot.com/ A blog about amateur radio and homebrewing at VE7SL located on Mayne Island, BC. topics include 630m, 2200m, 6m, DX, and vintage radios.

View on ve7sl.blogspot.com http://ve7sl.blogspot.com/
Preview by Yahoo

10279. Re: [AWA Group] BK 160 Window / Watering-hole

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-12 22:13:03 UTC
From: N1BUG
Topic: 10259 Message: 10279

0200-0300 sounds OK to me.

I note that in 2012 my log shows 160m contacts 0057z-0244z so seems there was activity for about two hours at least.

Paul N1BUG

On 12/12/2014 04:58 PM, 'Steve Flood' kk7uv@... [AWAGroup] wrote:

>
>
> ...others??
>
> 0200-0300z sounds good to me.
>
> Steve KK7UV

10280. Re: [AWA Group] BK contest changes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-12 22:57:21 UTC
From: N1BUG
Topic: 10259 Message: 10280

> Paul - I think that would be interesting to try but often at this time of
> the year, 40m gets into it's midwinter funk and either goes very very long
> or just plain dead a few hours after sunset....

Steve - You bring up a good point. I wouldn't expect that this year (noting of course that we are at different latitudes and possibly in different propagation realities) but certainly during the years near solar minimum that would become an issue. One which I had failed to take into account!

> checking my past logs I see
> that there are few QSO's after 0500Z on 80m

Same here. At least out here in the east everyone has gone to bed! Again during solar minimum there may be propagation issues at work, but for the last couple of years stations have been loud right up until they just stopped for lack of QSOs. The casual guys are long gone and the diehards have worked each other. I usually pull the plug myself about 0500 or a bit later because everyone else has.

Perhaps there are no easy answers. I find it very difficult to decide what band to be on at what time for this event, mainly due to the relatively large number of "short time" stations which make up a significant percentage of my QSO count *if* I'm lucky with my decisions.

73,
Paul N1BUG

10281. 2nd half strategy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-12 23:24:37 UTC
From: N1BUG
Topic: 10281 Message: 10281

Well, here it is.

I will definitely be on 160 during the proposed 0200z-0300z window.
Otherwise 2300z-0530z wherever the activity seems to be.

0530-0600z and later if any luck I will make as much noise as BK
rules allow on 40 and see if anything happens. It's an experiment.

I will be on 80 for at least an hour prior to 1200z sunrise.... 40
during the day Sunday, finishing up the last couple of hours on 80.

Good luck to all!

I happily note I finally broke down and spent some $$ on a display
case for the antenna coupler, so after this weekend's activity it
won't have to hide in its plastic bag any more. As I've said
before... DUST... is... EVIL. :-)

73,
Paul N1BUG

10282. Testing an Armstrong Rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-13 00:37:43 UTC
From: Louis Vermond
Topic: 10282 Message: 10282

Hi,

Lots of good suggestions regarding Party improvements...except for XTAL control. Helps us! Anyway...

Looking for an answer based on experience.

TPTG ckt with tested, very good UX-201A.

120V B+ 5V DC filament.

Grid leak resistance value set for maximum efficiency. I.e, max. output at minimum Ip, tone quality and keying.

Fully loaded to a 50 ohm dummy load.

What would be the expected Output?

I appreciate there a variables, but assume all factors set to maximum.

Tks, Lou

10283. RE: [AWA Group] Testing an Armstrong Rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-13 00:55:00 UTC
From: Mike Feher
Topic: 10282 Message: 10283

Well, since I happen to have a beautiful crystal controlled 1929 rig, I think it is a great idea, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, December 12, 2014 7:38 PM
To: AWAGroup
Subject: [AWA Group] Testing an Armstrong Rig

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What would be the expected Output?

I appreciate there a variables, but assume all factors set to maximum.

Tks, Lou

10284. Re: [AWA Group] Testing an Armstrong Rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-13 01:02:32 UTC
From: Louis Vermond
Topic: 10282 Message: 10284

I have good news for you, Mike!

Linc Cundall Memorial CW Contest

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-12-12 7:55 PM
Subject: RE: [AWA Group] Testing an Armstrong Rig

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Fully loaded to a 50 ohm dummy load.

What would be the expected Output?

I appreciate there a variables, but assume all factors set to maximum.

Tks, Lou

10285. RE: [AWA Group] Testing an Armstrong Rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-13 01:02:47 UTC
From: Mike Feher
Topic: 10282 Message: 10285

Been there, done that, for many years - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, December 12, 2014 8:03 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Testing an Armstrong Rig

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Linc Cundall Memorial CW Contest

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup]
<mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2014-12-12 7:55 PM

Subject: RE: [AWA Group] Testing an Armstrong Rig

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I appreciate there a variables, but assume all factors set to maximum.

Tks, Lou

10286. Re: [AWA Group] Testing an Armstrong Rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-13 01:07:31 UTC
From: Louis Vermond
Topic: 10282 Message: 10286

I know.

XTAL wud be a bit contrary to what Bruce had in mind for the then, 1929 Party.

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-12-12 8:02 PM
Subject: RE: [AWA Group] Testing an Armstrong Rig

Been there, done that, for many years - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

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Linc Cundall Memorial CW Contest

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup]

To: AWAGroup@yahoogroups.com

Sent: 2014-12-12 7:55 PM

Subject: RE: [AWA Group] Testing an Armstrong Rig

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Tks, Lou

10287. RE: [AWA Group] Testing an Armstrong Rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-13 01:14:18 UTC
From: Mike Feher
Topic: 10282 Message: 10287

I disagree. You have no idea of what Bruce had in mind. In my opinion, it just was not considered, or more or less unintentionally overlooked, as non-crystal type rigs were more common pre 1929. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, December 12, 2014 8:08 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Testing an Armstrong Rig

I know.

XTAL wud be a bit contrary to what Bruce had in mind for the then, 1929 Party.

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup]
<mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2014-12-12 8:02 PM

Subject: RE: [AWA Group] Testing an Armstrong Rig

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To: AWAGroup@yahoogroups.com

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Tks, Lou

10288. RE: [AWA Group] Testing an Armstrong Rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-13 02:25:10 UTC
From: Mike Feher
Topic: 10282 Message: 10288

BTW, back in the late 70's early 80's I used to visit Warminster PA on business fairly often. At the time I tried to visit other hams whom I have known through AWA. On one visit I went to see Bill Hurni, W3HWT, and at the time he showed me his rigs that he crafted for the 29 activity. At the time I thought it was neat, but, it was not for me. I was more interested in original equipment and not replicated ones.

Bruce also visited me several times at my house in VA, as he was in the area often as he had a daughter nearby. Whenever the subject of the on the air AWA activity came up, he was always more enthused about the '41 activity and never even mentioned the '29 one. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

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To: AWAGroup@yahoogroups.com

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What would be the expected Output?

I appreciate there a variables, but assume all factors set to maximum.

Tks, Lou

10289. Testing an Armstrong Rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-13 03:05:07 UTC
From: Louis Vermond
Topic: 10282 Message: 10289
Attachments: 1 described; binary payloads are missing from this source WARC

OK... No watts out suggestions. Maybe I was too circuit specific. How about this? Output of any rig using a 201A? I know ur out there...

In the 1930s, "Boys Book of Wireless" I have, the last sentence of the last paragraph reads, "Always do good work."

Something I always strive for...
.
.
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.
.
.
.
.
.

10290. Re: [AWA Group] Testing an Armstrong Rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-13 03:20:36 UTC
From: Steve
Topic: 10282 Message: 10290

eating dinner...call around 8 if you need ...11 ur time

OK... No watts out suggestions. Maybe I was too circuit specific. How about this? Output of any rig using a 201A? I know ur out there...

In the 1930s, "Boys Book of Wireless" I have, the last sentence of the last paragraph reads, "Always do good work."

Something I always strive for...
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WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10291. Re: [AWA Group] East coast West coast

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-13 05:15:25 UTC
From: Steve
Topic: 10264 Message: 10291

Well Don, you would not be 'muddling' at all...but should you change your mind at any time, I will be happy to give a listen for you back here. Probably best times are around 0200Z between us for 40m and around 0500Z for 80.

I'm glad to hear that you have found the web site of interest...many thanks!

Steve / 73

>I hate to muddle in your contest time. I am not that good an operator on CW
>anymore. I tend to panic when I hear my call.(get that "Are u talkin to me
>?" feeling.) I am usually up then and will give a listen on 40M. If there
>is a lull I might give it a shot. Thanks for the offer though. I have three
>rigs 45 TNT, 01A Hartley and an 01A TGTP (which has quite a quack if
>pushed.) I must admit I find the idea most interesting. I am building
>another PS so I can operate the old rigs upstairs as well. I have toured
>your site many times over the last few years and enjoyed it very much.
> don
>
>

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VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10292. Re: [AWA Group] Too Much Power?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-13 05:26:22 UTC
From: Steve
Topic: 10024 Message: 10292

> wasn't direct-coupling made illegal in 1929?

I was reading some early QSTs tonight and came across this note:

"Effective January 5, 1925 - Amateur stations must use circuits loosley coupled to the radiating system, or devices that will produce equivalent effects to minimize key impacts, harmonics and plate supply modulations, except in cases where loops are used as radiators. Conductive coupling, even though loose, will not be permitted."

I gather that they got around this by using tuned LC tanks to cover the "or devices ..." part of the rule? Not sure what the last sentence means actually...is a variable cap a 'loose' conductive coupling device?

Steve

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VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10293. Another VE!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-13 08:48:28 UTC
From: Louis Vermond
Topic: 10293 Message: 10293
Attachments: 1 described; binary payloads are missing from this source WARC

Hi, Lou and Steve...

Everything seems to be working OK. Good 1929 note and good output for a 245. Will use GPR-90 and FT-817ND for receive and probably stick to 80. Lou, please let me know if you want to run a test before tomorrow night. Cheers, 73 and “Good luck in the contest!”

Harry, VE3GRO

10294. Re: Another VE!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-13 11:39:26 UTC
From: dulmagedon@...
Topic: 10293 Message: 10294

Another VE! So how many of us maple syrup sucking hams are there in this group? Well that's good. I checked out the instructions for BK and wrote them out. They are hanging in front of my tuner. I may give it a shot.
Output. I am a light bulber for testing. I know, your brothers cousin in Denver worked four states and Europe on a 100watt bulb with a 6l6 transmitter, which BTW is utter nonsense. I find in the shack the meters don't know the difference between stray RF and proper signal. the light bulb does and it has helped me several times sort out a project transmitter that the meters were lying to me about. I keep a 100 watter mounted on the wall with a spare 60 watt bulb , a 15 watt bulb, a 7 watt bulb and a 4 watt bulb. My 4 has gone missing so this morning I am going to restock at Lowes then I will have some idea or measure of comparison for these last two rigs I built the last two weekends. I am also big on sniffer lamps and have a few in the shack.
I have had good success with the TGTP rig yesterday. I wasn't happy with its output so remade the plate tank and output link. Got a huge improvement. I will have it on 80M tonite for the BK. If it goes reasonable I'll stick with it. Perhaps using all three rigs during the night. Prop prediction for this evening is "GOOD"
don

10295. Re: [AWA Group] Testing an Armstrong Rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-13 11:45:51 UTC
From: N1BUG
Topic: 10282 Message: 10295
Attachments: 1 described; binary payloads are missing from this source WARC

"Always do good work."
?Something I always strive for...

Ha!!! I think I hurt myself laughing... TNX Lou.
No idea on your question. The unknown to me seems to be how heavily you can load thing, hence how much plate current can you get it to draw. My 201A's weren't very lively until I got up around 300V.

73,
Paul

10296. Re: [AWA Group] Testing an Armstrong Rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-13 15:55:56 UTC
From: Bill Stewart
Topic: 10282 Message: 10296

Lou, this is highly un-scientific.
On my 160m '24 Meissner, I use a C-301A with 300vdc at abt 20ma...+/- 6 watts input. It lights a #47 lamp to what looks like abt full brilliance going into the Inv. L, which is fed
with coax. Hope you can copy it tonite on TB.
73, Bill K4JYS

----- Original Message -----

From: "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Sent: Friday, December 12, 2014 10:05:07 PM
Subject: [AWA Group] Testing an Armstrong Rig

OK... No watts out suggestions. Maybe I was too circuit specific. How about this? Output of any rig using a 201A? I know ur out there...

In the 1930s, "Boys Book of Wireless" I have, the last sentence of the last paragraph reads, "Always do good work."

Something I always strive for...
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10297. Kelley OT shack visit

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-13 15:44:26 UTC
From: Louis Vermond
Topic: 10297 Message: 10297

VE3s NNG and BHK will be here tonight for a few hours of Kelley Party operating. I'll sign, "LU", the others, TBD.

Lou
VE3AWA

10298. Testing an Armstrong Rig & K4JYS

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-13 16:41:56 UTC
From: Louis Vermond
Topic: 10298 Message: 10298

Good morning Bill,

Un-scientific or not, yours and UVs gives me what I need to carry on. Thank you.

I use a C-301A with 300vdc at abt 20ma...+/- 6 watts input. How long do you run them QRO at the B+?

I'll be listening for K4JYS on 160 sure.

73, Lou
VE3AWA

10299. Re: [AWA Group] Re: Another VE! & don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-13 16:43:41 UTC
From: Louis Vermond
Topic: 10299 Message: 10299

If it goes reasonable I'll stick with it. Please....

Lou

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-12-13 6:39 AM
Subject: [AWA Group] Re: Another VE!

Another VE! So how many of us maple syrup sucking hams are there in this group? Well that's good. I checked out the instructions for BK and wrote them out. They are hanging in front of my tuner. I may give it a shot.

Output. I am a light bulber for testing. I know, your brothers cousin in Denver worked four states and Europe on a 100watt bulb with a 6l6 transmitter, which BTW is utter nonsense. I find in the shack the meters don't know the difference between stray RF and proper signal. the light bulb does and it has helped me several times sort out a project transmitter that the meters were lying to me about. I keep a 100 watter mounted on the wall with a spare 60 watt bulb , a 15 watt bulb, a 7 watt bulb and a 4 watt bulb. My 4 has gone missing so this morning I am going to restock at Lowes then I will have some idea or measure of comparison for these last two rigs I built the last two weekends. I am also big on sniffer lamps and have a few in the shack.

I have had good success with the TGTP rig yesterday. I wasn't happy with its output so remade the plate tank and output link. Got a huge improvement. I will have it on 80M tonite for the BK. If it goes reasonable I'll stick with it. Perhaps using all three rigs during the night. Prop prediction for this evening is "GOOD"

don

10300. Re: [AWA Group] Testing an Armstrong Rig & K4JYS

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-13 17:34:17 UTC
From: Bill Stewart
Topic: 10298 Message: 10300

Lou,
Have been running the same tube with those values for several years
on CW. It doesn't get hot...maybe just warm. I think many '01As will take a
lot more abuse than we think. However, around 300vdc is my personal
limit...hi. Oh, I also ran a CX-301A in the '29 TNT for several years
using around 200vdc and 15-20ma. So far...no problems...Bill

----- Original Message -----

From: "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Saturday, December 13, 2014 11:41:56 AM
Subject: [AWA Group] Testing an Armstrong Rig & K4JYS

Good morning Bill,

Un-scientific or not, yours and UVs gives me what I need to carry on. Thank you.

I use a C-301A with 300vdc at abt 20ma...+/- 6 watts input. How long do you run them QRO at the B+?

I'll be listening for K4JYS on 160 sure.

73, Lou
VE3AWA

10301. Re: [AWA Group] Testing an Armstrong Rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-13 20:55:54 UTC
From: dulmagedon@...
Topic: 10282 Message: 10301

I have run my 01A many times in place of my 45s. (A few years a least off and on)They seem to take anything you ask without a whimper. I currently run key up voltage of 300V. Pulls to the 220 range key down and 20 to 26 mils . (Looping does not change that BTW.) This morning I bought some 4 watt clear bulbs at Home depot. Since I use clip on antenna and ground hook ups on all my 20s rigs I soldered a set of clips to one bulb and clipped it in in dummy load mode. Looks like about 2.5 watts for the Hartley and a bit more , perhaps 2.6 watts for the TGTP. I used the same tube in both to get a fair test. They were both tested on the same power supply. The TGTP is tricky to tune. I need to mark it or keep records of the dial positions. The clip on 4watt load turned out to be real handy as I was able to sort out another 1930s rig I built that I was not sure of. About conductive coupling Steve was talking about. I think the iffy coupling not specifically mentioned was through a lamp bulb like Bill is doing but direct through , not through a link or cap. Also was thinking. That was QST. May not have had anything to do with us here in VE land.
don

10302. VE3GRO/AWA is on the 80 metre air

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-13 21:05:49 UTC
From: Louis Vermond
Topic: 10302 Message: 10302

558 into St. Marys...that's about 20 miles. Harry will be on 80 "after supper" .

10303. Re: [AWA Group] Testing an Armstrong Rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-13 21:46:06 UTC
From: Steve
Topic: 10282 Message: 10303

> That was QST. May not have had anything to do with us here in VE land.

For sure Don...that 'rule' only applied to U.S. amateurs but I've got the feeling that Canadian hams, following the events / info in QST, pretty much played along with the U.S. when it came to ham radio.

We need to find a few old guys that were operating in 1929 and ask them.....they should just be pushing one hundred now...maybe not such a good plan.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10304. Re: [AWA Group] Testing an Armstrong Rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-13 22:40:17 UTC
From: dulmagedon@...
Topic: 10282 Message: 10304

MHS Transactions: Early Wireless and Radio in Manitoba, 1909-1924
http://www.mhs.mb.ca/docs/transactions/3/earlyradio.shtml

http://www.mhs.mb.ca/docs/transactions/3/earlyradio.shtml

MHS Transactions: Early Wireless and Radio in Mani...
http://www.mhs.mb.ca/docs/transactions/3/earlyradio.shtml Sentence describing this page.

View on www.mhs.mb.ca http://www.mhs.mb.ca/docs/transactions/3/earlyradio.shtml
Preview by Yahoo

When the dust settles this weekend this article covers a lot of Ham stuff including the ARRL CRRL relationship.
don

10305. Testing an Armstrong Rig & Paul

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-13 15:20:53 UTC
From: Louis Vermond
Topic: 10305 Message: 10305

Ha!!! I think I hurt myself laughing... TNX Lou. GM Bugsy. Think I hrd u...

No idea on your question. The unknown to me seems to be how heavily you can load thing, hence how much plate current can you get it to draw. In my lead-up I called out a spec sheet legal, balls out. From 7UV I have a theoretical 1/2W out. My 1/4+W saz that I need to look at the antenna pick-up coil nr of turns. I just needed a starting point and now have it. Tks Steve...

My 201A's weren't very lively until I got up around 300V. ! Got a bushel of 'em do you?!

CU on 160, Paul. Lou

10306. Re: [AWA Group] Re: Another VE! & don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-14 00:47:34 UTC
From: dulmagedon@...
Topic: 10299 Message: 10306

Ok, I was in for a couple. Going back down for a bit. I used the TGTP. First contacts! Nice! Was on 80m. Worked Paul. Band was improving as I worked him. Not real good at this but I will try a bit more.
don

10307. Re: [AWA Group] Re: Another VE! & don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-14 01:30:48 UTC
From: N1BUG
Topic: 10299 Message: 10307

Don,

Thanks for the QSO. Nice to work you. You did just fine! Thanks for your patience with me asking for repeats. Had a bit of QRM come on but got the parts I missed fine the second time around. Your signal was building as the band was still settling in.

Also worked VE3GRO. FB on the VEs being on.

73, Paul, going to 160

On 12/13/2014 07:47 PM, dulmagedon@... [AWAGroup] wrote:

Ok, I was in for a couple. Going back down for a bit. I used the TGTP. First contacts! Nice! Was on 80m. Worked Paul. Band was improving as I worked him. Not real good at this but I will try a bit more.

don

10308. West Coast

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-14 02:50:40 UTC
From: Steve
Topic: 10282 Message: 10308

40m condx seemed really good but no AWAers heard...lots of 'WES' guys calling CQ around the watering-hole...where is everyone? KK7UV??...160 nothing heard and will try there again at 0400Z...perhaps condx are not as good as initially thought but prop seemed good on 40m

Steve

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VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10309. Re: [AWA Group] West Coast

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-14 03:07:00 UTC
From: Steve
Topic: 10282 Message: 10309

I'll be on 80m again after dinner...around 0330z and then on 160 for a peek
at 0400...back to 80 after that

> 40m condx seemed really good but no AWAers heard...lots of 'WES' guys
> calling CQ around the watering-hole...where is everyone? KK7UV??...160
> nothing heard and will try there again at 0400Z...perhaps condx are not as
> good as initially thought but prop seemed good on 40m
>
> Steve
>
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
> VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to
> Nanowaves":
> http://ve7sl.blogspot.ca/
>
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> ------------------------------------
> Posted by: "Steve" <VE7SL@...>
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> Yahoo Groups Links
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VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

10310. Re: [AWA Group] Re: Another VE! & don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-14 03:10:42 UTC
From: dulmagedon@...
Topic: 10299 Message: 10310

Thanks . I am not good at this as I get a bit rattled. You are my all time DX for any of my 20s rigs at 432miles ATCF. Surprised me as I am just above 5 watts input. This was the first night for actual QSO with the new TGTP. Trial by fire but she did ok. Your signal was coming up towards the end of our QSO. Got three logged tonite. Two on the new TGTP and one just now on the Hartley. Didn't fire the TNT 45 unit tonite as it is a 40m rig and as much as I wanted to try it I went up on 40m and listened around but heard absolutely nothing. Missed a couple on 80m too (NE1S an VE3GRO) but there is always tomorrow.
Thanks again. I enjoyed it.
don

10311. RE: [AWA Group] West Coast

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-14 03:36:21 UTC
From: Steve Flood
Topic: 10282 Message: 10311

on 160 for a peek at 0400...back to 80 after that

I'll check back on 160m for you at 0400…

-7UV

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

10312. Re: [AWA Group] West Coast

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-14 03:51:23 UTC
From: N1BUG
Topic: 10282 Message: 10312

0350z

I was going to leave 160 but I will stay and look for you guys

Paul 'BUG

On 12/13/2014 10:36 PM, 'Steve Flood' kk7uv@... [AWAGroup]
wrote:
>
>
> on 160 for a peek at 0400...back to 80 after that
>
> I'll check back on 160m for you at 0400…
>
> -7UV
>
>
>
>
>
>
> ----------
> <http://www.avast.com/>
>
> This email is free from viruses and malware because avast! Antivirus
> <http://www.avast.com/> protection is active.
>
>
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>

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

10313. 160 & 40

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-14 04:29:13 UTC
From: N1BUG
Topic: 10313 Message: 10313

160 rough going tonight. Not a peep at 0400-0415z. Only 7 QSOs that band.

Will be on 40 for my experiment at 0530z if anyone out west is around.

73 Paul N1BUG

10314. Kelley Game Plan?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-13 14:34:34 UTC
From: Louis Vermond
Topic: 10314 Message: 10314

So, wt's the final operation band/time plan for to tonight?

Tks, Lou VE3AWA

"The Bigger the Glob, the Better the Job"
Accredited to, Bugys, author of, How to Solder Good

10315. Re: Kelley Game Plan?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-14 05:17:56 UTC
From: w0vlz@...
Topic: 10314 Message: 10315

Last weekend I found signals on 80 were up just before sunrise. I'll be on 5-6AM here in MN. Niel - W0VLZ

10316. Re: Kelley Game Plan?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-14 11:25:44 UTC
From: dulmagedon@...
Topic: 10314 Message: 10316

Just checked the bands from my upstairs studio. Pretty quiet. heard Paul (80M) calling and a k4 but that is all!
don

10317. BK on the Regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-14 12:59:52 UTC
From: dulmagedon@...
Topic: 10317 Message: 10317

We have a scheduled power outage here for line maintenance so I am dead in he water for an hour or so. I fired up the regen which is always on battery power. There was Larry (NE1S) banging away and Harry(VE3GRO) in my headphones. This is how it would have been back in the day. This regen is a 6sn7 twinplex so isn't 1920s but I do have downstairs a 1 tube regen I made a few years back for 80M that uses an 01Aor equivalent. Unfortunately I don't have a bushel full. Just two and one is almost beat. I think for next year I want a whole battery powered station. Been thinking about some 26 tubes which have 1.5 heaters so if any have too many I can help. I do have a stand alone battery PS that runs from 6 or twelve made from an old radio vibrator supply. I may try running one of the rigs on it now just to see how it does. BTW sig to noise with no power in the house or in the powerlines and a regen is absolutely incredible.
don

10318. BK Affair 2014

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-14 13:29:18 UTC
From: Eddy Swynar
Topic: 10318 Message: 10318
Attachments: 2 described; binary payloads are missing from this source WARC

Good Morning All,

Well, another Sunday morning, another "...almost-ready-to-end-for-the-year" BK affair...

I must say, I've been thoroughly enjoying reading all of the posts that have sprung up here, to the point that they served to inspire me to design a new QSL card for myself (see below), as I've run out of the old ones here.

As I was telling Lou before, I had serious good intentions of lashing together some sort of a multi-band dipole affair here, & surprising the gang this weekend with a few melodious "CQ AWA DE VE3CUI K" calls on the air...unfortunately, each & every day of the week brought with it some new & varied non-Ham radio related challenges---everything from doctor visits, to house-sitting for my son, to---and this was the real clincher, believe me!---being told by our dealer that he wants a "mere" $3,200.00 to repair our SUV...!!!

It was all MORE than a tad "overwhelming," & left me scratching my head as to how I ever managed to work full time, address similar such issues, and prep for prior BK affairs, and all at the same time, too...! (and they call Clark Kent "Superman"...!!!).

Anyway, guys, hopefully things will be different here in 2015---and the contraption that you see gracing the front of my new QSL card will be the exact same "ears" that I shall be using to copy YOUR chirpers, buzzers, drifters, wheezers, & gaspers, "...a la 1929."

~73!~ de Eddy VE3CUI - VE3XZ

10319. Re: BK on the Regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-14 14:35:43 UTC
From: dulmagedon@...
Topic: 10317 Message: 10319

Read your post Ed, feel you pain. I now make fun my priority BTW. Trouble has to take a back seat. Its been up front far too long!
I went downstairs found the vibrator supply and hooked it up with a fresh gel cell in the box. I forgot , metal automotive radios have common A and B voltage grounded in the unit so when the power is on as soon as the tube warms up I was on air. Thinking quickly I grabbed my carbon mike and popped the modulator module in the tank coil. I did a dit dit dit dah dit dit dit dit dah dah dit dah dit dit dah dit dah dah dah dit dit dah into the mic to keep it all legal and then killed it. Vib supply has no trouble powering it though. I may unfloat the ground for the B- or make a whole new unit after a trip to the wreckers for a spare old radio. Or I can just put an outboard battery for the heaters which would be quick and cheap like me (I used to be quick , now I am just cheap). I like the sound of the vib supply. Adds to the experience. I also have a 24V/110 dynamotor MMMMMMMMMMMMM?
don

10320. Re: [AWA Group] BK Affair 2014 [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-14 18:58:27 UTC
From: Steve
Topic: 10318 Message: 10320

nice rx Eddy...I can assure you that the thought of hearing your distinctive signal (was it a Colpitts?) had my heart all a-twitter..hopefully some time again...a simple Zepp like Lou will get you back in the game.

Steve / 73

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VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10321. RE: [AWA Group] BK Affair 2014

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-14 19:38:24 UTC
From: Louis Vermond
Topic: 10318 Message: 10321

I'm a simple Zepp? Same to ya fella....

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Sun, 14 Dec 2014 10:58:27 -0800
Subject: Re: [AWA Group] BK Affair 2014

nice rx Eddy...I can assure you that the thought of hearing your distinctive

signal (was it a Colpitts?) had my heart all a-twitter..hopefully some time

again...a simple Zepp like Lou will get you back in the game.

Steve / 73

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http://ve7sl.blogspot.ca/

10322. Re: [AWA Group] BK Affair 2014

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-14 19:43:28 UTC
From: Roger Kuchera
Topic: 10318 Message: 10322

Hey Lou,
Does that make you one of the Marx Brothers? Or was that Zeppo?

Roger/K1TG

On Sunday, December 14, 2014 2:38 PM, "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

I'm a simple Zepp? Same to ya fella....

_____
To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Sun, 14 Dec 2014 10:58:27 -0800
Subject: Re: [AWA Group] BK Affair 2014

nice rx Eddy...I can assure you that the thought of hearing your distinctive signal (was it a Colpitts?) had my heart all a-twitter..hopefully some time again...a simple Zepp like Lou will get you back in the game.

Steve / 73

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VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10323. Re: [AWA Group] BK Affair 2014

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-14 19:51:52 UTC
From: Steve
Topic: 10318 Message: 10323

amazing how missing just one word makes such a difference....but I'm sure you've been called worse Lou...and probably by me?

OS

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10324. Further adventures in the BK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-14 21:25:08 UTC
From: dulmagedon@...
Topic: 10324 Message: 10324

Reworked the battery powered PS and fired up the vib supply. Wired in a separate heater battery independent. Works great BUT 316 volts key down even if only 17.6 mils. Not a huge difference in power out. Tone is better and less whoop so I plugged the set back into shore(house) power. I sent a test VVV and Paul was on me like dirt with my call so we did a 40m as well. How did he know it was me? Maybe I IDed and didn't realize it. I was on the new Hartley, the one I built two Saturdays ago which tunes both 80m and 40M so I worked N1BUG two different bands two different days with two different rigs. Just for fun I switched on the 45 TNT and moved down the band so not to bother Paul and fired off a volley. Got the same fellow I worked last last night after I worked Paul. So he also worked me two different bands two different rigs two different days. All in all I had fun. got to use all three rigs successfully. I figured I was done building then someone here said the word colpitts. I don't have one -----yet. Anyway thanks to those who encouraged me and worked me. twas fun!
don

10325. RE: [AWA Group] Further adventures in the BK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-14 21:36:59 UTC
From: Louis Vermond
Topic: 10324 Message: 10325

Don,
I'm on 80 and will be thru 6. Hope to work you.
Will not be back on here 'till after supper. Lou

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Sun, 14 Dec 2014 13:25:08 -0800
Subject: [AWA Group] Further adventures in the BK

Reworked the battery powered PS and fired up the vib supply. Wired in a separate heater battery independent. Works great BUT 316 volts key down even if only 17.6 mils. Not a huge difference in power out. Tone is better and less whoop so I plugged the set back into shore(house) power. I sent a test VVV and Paul was on me like dirt with my call so we did a 40m as well. How did he know it was me? Maybe I IDed and didn't realize it. I was on the new Hartley, the one I built two Saturdays ago which tunes both 80m and 40M so I worked N1BUG two different bands two different days with two different rigs. Just for fun I switched on the 45 TNT and moved down the band so not to bother Paul and fired off a volley. Got the same fellow I worked last last night after I worked Paul. So he also worked me two different bands two different rigs two different days. All in all I had fun. got to use all three rigs successfully. I figured I was done building then someone here said the word colpitts. I don't have one -----yet. Anyway thanks to those who encouraged me and worked me. twas fun!
don

10326. RE: [AWA Group] Further adventures in the BK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-14 21:40:51 UTC
From: Louis Vermond
Topic: 10324 Message: 10326

Roger, Pse forward below to Group. Sum reason I reply to a Group post and it replies to you. Lou

To: awagroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Sun, 14 Dec 2014 16:36:59 -0500
Subject: RE: [AWA Group] Further adventures in the BK

Don,
I'm on 80 and will be thru 6. Hope to work you.
Will not be back on here 'till after supper. Lou

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Sun, 14 Dec 2014 13:25:08 -0800
Subject: [AWA Group] Further adventures in the BK

Reworked the battery powered PS and fired up the vib supply. Wired in a separate heater battery independent. Works great BUT 316 volts key down even if only 17.6 mils. Not a huge difference in power out. Tone is better and less whoop so I plugged the set back into shore(house) power. I sent a test VVV and Paul was on me like dirt with my call so we did a 40m as well. How did he know it was me? Maybe I IDed and didn't realize it. I was on the new Hartley, the one I built two Saturdays ago which tunes both 80m and 40M so I worked N1BUG two different bands two different days with two different rigs. Just for fun I switched on the 45 TNT and moved down the band so not to bother Paul and fired off a volley. Got the same fellow I worked last last night after I worked Paul. So he also worked me two different bands two different rigs two different days. All in all I had fun. got to use all three rigs successfully. I figured I was done building then someone here said the word colpitts. I don't have one -----yet. Anyway thanks to those who encouraged me and worked me. twas fun!
don

10327. Re: [AWA Group] Further adventures in the BK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-14 21:45:13 UTC
From: N1BUG
Topic: 10324 Message: 10327

Don, you IDed with the VVV. IDing in the BK is like a mouse sticking its head out of a hole... likely to get pounced on by a cat, hi hi. Thanks for the two QSOs on two bands! I hope you will participate in this event next time. We'd love to have you. I think I have a recording of you on 40 today. Have to check and make sure I saved it in time. It's a continuous loop recorder with a 10 minute buffer.

73
Paul N1BUG
still plugging away til 2300z

On 12/14/2014 04:25 PM, dulmagedon@... [AWAGroup] wrote:

Reworked the battery powered PS and fired up the vib supply. Wired in a separate heater battery independent. Works great BUT 316 volts key down even if only 17.6 mils. Not a huge difference in power out. Tone is better and less whoop so I plugged the set back into shore(house) power. I sent a test VVV and Paul was on me like dirt with my call so we did a 40m as well. How did he know it was me? Maybe I IDed and didn't realize it. I was on the new Hartley, the one I built two Saturdays ago which tunes both 80m and 40M so I worked N1BUG two different bands two different days with two different rigs. Just for fun I switched on the 45 TNT and moved down the band so not to bother Paul and fired off a volley. Got the same fellow I worked last last night after I worked Paul. So he also worked me two different bands two different rigs two different days. All in all I had fun. got to use all three rigs successfully. I figured I was done building then someone here said the word colpitts. I don't have one -----yet. Anyway thanks to those who encouraged me and worked me. twas fun!

don

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

10328. RE: [AWA Group] Further adventures in the BK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-14 22:44:25 UTC
From: dulmagedon@...
Topic: 10324 Message: 10328

Your every wish is my command.
Actually it was pure luck. I was shutting the shack down after supper and heard you call so plugged in the nearest radio and replied. It was the new 01A Hartley you heard before a couple of weeks back.
don

10329. BK 2014 de BUG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-14 23:00:12 UTC
From: N1BUG
Topic: 10329 Message: 10329

Well, gentlemen, my second BK is over. Thank you all for the QSOs and fun!

This weekend was a struggle. I scratched and clawed a lot but came up with relatively few QSOs. Oh well. Nature of the game.

Highlights:
Working W2ICE/0.
Finally getting VE3LYX in my log.
Working N4GJV who is responsible for getting me into this.

Other comments:
It was nice to work a number of VE stations - VE3AWA, VE3LYX, VE3GRO, VE7SL, VE7BDQ. Sadly I never heard VE3BHK if he was on. Eddy, VE3CUI/VE3XZ was sorely missed. I do hope he will be able to join us next time. Hey guys, recruit some VE1/VE9/VE2 folks into the fold.

Lou has a lot of patience. Thanks, OM! I struggled with him on 160, asking for many repeats. His tone blended almost perfectly into my power line noise. I had to get the receiver just so to hear him, and then when his rig shifted slightly it was no more Lou, had to go hunt for that just right sweet spot again. While doing so I would miss things. Once I got him tuned just so again, copy was OK.

Conditions seemed poor both weekends. The only western station worked on 40 was VE7SL. Nothing past MN on 160. 80 was a little better with VE7SL, AB0CW, KK7UV, and VE7BDQ making it into the log. I was surprised to hear VE7BDQ call me last night.

Activity on 160 seemed well below 2012 levels, but maybe it was just due to very poor conditions. I hope so. I would hate to think people are giving up on my favorite band! In a few years, when we approach the next solar minimum, 160 will really come into its own.

Thanks to WA3MEJ (non-AWA, a friend from DXing activities) for the sound clip of my signal on 160, and NF1O for the 80 and 40 meter clips. I will post them on my web site soon.

Bugsy, please install lower value bleeder on power supply. It takes too long to bleed down. I flinch every time you use a screwdriver to discharge the condenser in a rush to change bands. -Paul

Oh, great. Now I'm talking to myself in public. See what this OT radio stuff has done to me? Those who knew me before I got into this: Shhhh!

T minus 355 days, 23 hours, 59 minutes, 59 seconds and counting...

73,
Paul "Bugsy" N1BUG

10330. RE: [AWA Group] BK 2014 de BUG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 00:19:59 UTC
From: Louis Vermond
Topic: 10329 Message: 10330

T minus 355 days, 23 hours, 59 minutes, 59 seconds and counting... I thought I had it bad! ☺

Lou has a lot of patience. Thanks, OM! I struggled with him on 160, asking for many repeats. His tone blended almost perfectly into my power line noise. I assumed that the problem was just that my sig was weak. Next year I'll run DC on all filaments. Really cleans up a signal and, with that, punch. Bugsy, it was 20 min.s getting thru. Best QSO of the BK. Tks.
Tks Don for the call. We made it! My vote for the best worst sig! A joy to hear.
Heard nil of or about KK7UV. ??
Jerry, W1ZB had the best fist. Smooth...
Hi Tim, tks for the QSO.
This years count was 35. 5 / 40 29 / 80. Bugsy / 160 Guess no W2ICE/VE3 next year for me.
73, VE3AWA

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Sun, 14 Dec 2014 18:00:12 -0500
Subject: [AWA Group] BK 2014 de BUG

Well, gentlemen, my second BK is over. Thank you all for the QSOs

and fun!

This weekend was a struggle. I scratched and clawed a lot but came

up with relatively few QSOs. Oh well. Nature of the game.

Highlights:

Working W2ICE/0.

Finally getting VE3LYX in my log.

Working N4GJV who is responsible for getting me into this.

Other comments:

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VE3GRO, VE7SL, VE7BDQ. Sadly I never heard VE3BHK if he was on.

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Bugsy, please install lower value bleeder on power supply. It takes too long to bleed down. I flinch every time you use a screwdriver to discharge the condenser in a rush to change bands. -Paul

Oh, great. Now I'm talking to myself in public. See what this OT radio stuff has done to me? Those who knew me before I got into this: Shhhh!

T minus 355 days, 23 hours, 59 minutes, 59 seconds and counting...

73,

Paul "Bugsy" N1BUG

10331. Re: [AWA Group] BK 2014 de BUG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 01:01:10 UTC
From: N1BUG
Topic: 10329 Message: 10331

I thought I had it bad!
Where do you think I caught it from?

I assumed that the problem was just that my sig was weak. Next year I'll run DC on all filaments. Really cleans up a signal and, with that, punch. Bugsy, it was 20 min.s getting thru. Best QSO of the BK. Tks.
Bugsy / 160
Sorry for the wait.
You weren't strong but if it had not been for local noise the QSO would have been much easier.
This QSO goes on my highlight list then!
I wouldn't want you to ruin your BK signal... but if it had been a pure tone I could have used a narrow filter to dig it out. By next year I hope to be running a MOPA with a somewhat less buzzy note.

Does anyone know what N8YE does to his rig during the last couple hours every year?

Bugsy

10332. RE: [AWA Group] BK 2014 de BUG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 01:06:54 UTC
From: Steve Flood
Topic: 10329 Message: 10332

>Heard nil of or about KK7UV.

I was in there slogging away. Never heard you either. A first time for everything I guess. I picked up only two far-easters, Bugsy and Bill.

Steve, 7UV

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

10333. RE: [AWA Group] BK 2014 de BUG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 01:56:23 UTC
From: Louis Vermond
Topic: 10329 Message: 10333

Does anyone know what N8YE does to his rig during the last couple hours every year? Ford spark coil B+.
Saturday evening: "OM, wheres that FB sig of yours?" Steve, "Too bands too crowed will wait till later."

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Sun, 14 Dec 2014 20:01:10 -0500
Subject: Re: [AWA Group] BK 2014 de BUG

I thought I had it bad!

Where do you think I caught it from?

I assumed that the problem was just that my
sig was weak. Next year I'll run DC on all filaments. Really
cleans up a signal and, with that, punch. Bugsy, it was 20 min.s
getting thru. Best QSO of the BK. Tks.

Bugsy / 160

Sorry for the wait.

You weren't strong but if it had not been for local noise the
QSO would have been much easier.

This QSO goes on my highlight list then!

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a pure tone I could have used a narrow filter to dig it out. By
next year I hope to be running a MOPA with a somewhat less buzzy
note.

Does anyone know what N8YE does to his rig during the last
couple hours every year?

Bugsy

10334. RE: [AWA Group] BK 2014 de BUG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 01:58:44 UTC
From: Louis Vermond
Topic: 10329 Message: 10334

Move to the top of that mountain...

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Sun, 14 Dec 2014 18:06:54 -0700
Subject: RE: [AWA Group] BK 2014 de BUG

>Heard nil of or about KK7UV. I was in there slogging away. Never heard you either. A first time for everything I guess. I picked up only two far-easters, Bugsy and Bill. Steve, 7UV

This email is free from viruses and malware because avast! Antivirus protection is active.

10335. Re: [AWA Group] BK 2014 de BUG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 02:22:39 UTC
From: dulmagedon@...
Topic: 10329 Message: 10335

N8YE I don't know. I worked him right after I finished with you. I used the 45 TNT for that one. I wasn't going to fire it but it was begging so ? Well Paul you were relentless. Anytime I listened I could find you givin your all.
I had fun. I didn't expect to. My op position is getting too crowded. I will have to build a pre 29 position for these rigs with lots of room. Hard sending with your arm stuck between two other radios. Best worse signal? I don't understand what that means. Should I change something or just grin? Anyway thanks for encouraging me to play. Whats next?
don

10336. RE: [AWA Group] BK 2014 de BUG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 02:42:48 UTC
From: Louis Vermond
Topic: 10329 Message: 10336

just grin
GN, Lou

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Sun, 14 Dec 2014 18:22:39 -0800
Subject: Re: [AWA Group] BK 2014 de BUG

N8YE I don't know. I worked him right after I finished with you. I used the 45 TNT for that one. I wasn't going to fire it but it was begging so ? Well Paul you were relentless. Anytime I listened I could find you givin your all.
I had fun. I didn't expect to. My op position is getting too crowded. I will have to build a pre 29 position for these rigs with lots of room. Hard sending with your arm stuck between two other radios. Best worse signal? I don't understand what that means. Should I change something or just grin? Anyway thanks for encouraging me to play. Whats next?
don

10337. Re: [AWA Group] BK Affair 2014

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 02:50:59 UTC
From: Eddy Swynar
Topic: 10318 Message: 10337

On 2014-12-14, at 1:58 PM, 'Steve' ve7sl@... [AWAGroup] wrote:

> nice rx Eddy...I can assure you that the thought of hearing your distinctive
> signal (was it a Colpitts?) had my heart all a-twitter..hopefully some time
> again...a simple Zepp like Lou will get you back in the game.
>
> Steve / 73

Hi Steve,

Yes, I sometimes use a 2x203A Colpitts rig ("The Rollins Rocket")...

But when I worked you on 160-meters a coupla years ago, it was with my 3x227 MOPA---AND a 3-element phased extended inverted "L" phased array, AND a k9AY receiving loop...both skyhooks having since fallen victim to our Great Ice Storm of 2013.

~73~ de Eddy VE3CUI - VE3XZ

10338. Re: [AWA Group] Re: BK on the Regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 02:53:47 UTC
From: Eddy Swynar
Topic: 10317 Message: 10338

On 2014-12-14, at 9:35 AM, dulmagedon@... [AWAGroup] wrote:

>
> Read your post Ed, feel you pain. I now make fun my priority BTW. Trouble has to take a back seat. Its been up front far too long!
>
> I went downstairs found the vibrator supply and hooked it up with a fresh gel cell in the box. I forgot , metal automotive radios have common A and B voltage grounded in the unit so when the power is on as soon as the tube warms up I was on air. Thinking quickly I grabbed my carbon mike and popped the modulator module in the tank coil. I did a dit dit dit dah dit dit dit dit dah dah dit dah dit dit dah dit dah dah dah dit dit dah into the mic to keep it all legal and then killed it. Vib supply has no trouble powering it though. I may unfloat the ground for the B- or make a whole new unit after a trip to the wreckers for a spare old radio. Or I can just put an outboard battery for the heaters which would be quick and cheap like me (I used to be quick , now I am just cheap). I like the sound of the vib supply. Adds to the experience. I also have a 24V/110 dynamotor MMMMMMMMMMMMM?
>
> don
>
>

Hi Don,

Sounds to me like you had fun---good for you!

And especially heart-warming to see all of the "VE" participants this year...there sure was a LOT of them for a change...and a very NICE change, at that.

~73~ de Eddy VE3CUI - VE3XZ

10339. Re: [AWA Group] Re: BK on the Regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 04:16:00 UTC
From: dulmagedon@...
Topic: 10317 Message: 10339

Thanks . It is amazing to me how well these rigs work. A lot of time one doesn't get an answer because they sound funny and it makes the appliance operators nervous but when everyone is on the same page they are a lot of fun and very effective. I just realized tonight I don't have a colpitts rig yet so have been searching for an idea for a single tube schematic. I also realize I need more of my favourite tubes 01As. I only have a couple and I now have more rigs then tubes. If everyday was a BK day I'd sell all my other stuff and run this stuff. I run a Dx60B on AM sometimes with a twin 811A amp and really distance wise don't do any better. Something you cooked up yourself is a lot more fun. The two rigs I used the most this weekend I built with in the past two weekends. A great way to spend a Saturday. Now to have them perform well is icing on the cake.
Yeah it was a blast.
don

10340. BK -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 04:52:04 UTC
From: Mike Feher
Topic: 10340 Message: 10340

Congratulations to all of you who participated in BK, and had a lot of fun at it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

10341. Re: [AWA Group] Testing an Armstrong Rig & K4JYS

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 13:32:46 UTC
From: Larry Szendrei
Topic: 10298 Message: 10341

On 12/13/14 12:34 PM, Bill Stewart cwopr@... [AWAGroup] wrote:
> Lou,
> Have been running the same tube with those values for several years
> on CW. It doesn't get hot...maybe just warm. I think many '01As will
> take a
> lot more abuse than we think. However, around 300vdc is my personal
> limit...hi. Oh, I also ran a CX-301A in the '29 TNT for several years
> using around 200vdc and 15-20ma. So far...no problems...Bill
Hi, all.

Just catching up with emails; "screen time" was trumped by the BK last weekend!

Not relavent to '01As, but I've found a pair of 71A's in my PP TNT will run at 10W input without exceeding the 180V maximum plate voltage specified for them - I actually have to throttle them back a bit so as not to exceed 10W. Basically, a '12 is an '01A on steroids, and a '71A is a '12 on more steroids. Both tubes were developed to use in the audio output stage of radio receivers during the 20s to replace the '01A in that service, for more output power.

73,
-Larry/NE1S

10342. Re: [AWA Group] Testing an Armstrong Rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 13:41:03 UTC
From: Larry Szendrei
Topic: 10282 Message: 10342
Attachments: 2 described; binary payloads are missing from this source WARC

On 12/13/14 4:46 PM, 'Steve' ve7sl@... [AWAGroup] wrote:
>
>
> We need to find a few old guys that were operating in 1929 and ask
> them.....they should just be pushing one hundred now...maybe not such
> a good
> plan.
>
> Steve
>
Just a data point - this PP TNT rig in a 1933 Short Wave Craft article coupled the antenna to the plate tank directly though a fixed capacitor. Not an absolute guarantee that it was legal, I suppose.

Apologies for the file size but I think there is enough interest on the list to justify it, and I wanted the text to be readable.

73,
-Larry/NE1S

10343. Re: [AWA Group] Testing an Armstrong Rig [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 15:20:37 UTC
From: Paul Christensen
Topic: 10282 Message: 10343

Larry,

My modified Hartley with Xtal control is coupled in a similar matter. Even the ARRL signed off on this technique. A popular League publication at the time was “How to Become a Radio Amateur.” and sold for 15-cents. In that publication, the output coupling network shown is identical to that described by George Shuart in the construction article you linked to.

By the mid ’20s, ham band allocations were designed with harmonic relationships for the very reason that harmonic content was not yet fully controlled with simple CW transmitters. It was only a couple years prior that spark was still king of the airwaves. I suspect that as long as the harmonic fell within one of the ham bands, the FRC likely did not care – not until rules concerning harmonics and spurious emissions were more clearly codified.

Paul, W9AC

From: mailto:AWAGroup@yahoogroups.com
Sent: Monday, December 15, 2014 8:41 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Testing an Armstrong Rig [2 Attachments]

On 12/13/14 4:46 PM, 'Steve' ve7sl@... [AWAGroup] wrote:

We need to find a few old guys that were operating in 1929 and ask
them.....they should just be pushing one hundred now...maybe not such a good
plan.

Steve

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Apologies for the file size but I think there is enough interest on the list to justify it, and I wanted the text to be readable.

73,
-Larry/NE1S

10344. Re: [AWA Group] BK 2014 de BUG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 15:28:40 UTC
From: Larry Szendrei
Topic: 10329 Message: 10344

On 12/14/14 7:19 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
>
> Tks Don for the call. We made it! My vote for the best worst sig! A
> joy to hear.
>
>
Hey! I thought you gave ME that honor for my 40M sig!

Barry NF1O kindly made a recording of my 80M sig but mercifully didn't
record me on 40M.

Sorry I missed Don. That would have been a treat.

73,
-Larry/NE1S

10345. BK Report de K4JYS

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 14:57:22 UTC
From: Bill Stewart
Topic: 10345 Message: 10345

GM All,
Man, what a bummer....a whole year 'till the next one. This years BK
was my 12th....and I still want more...hi.

Both the Hartley (210) and Meissner (C-301A) worked flawlessly. In fact
the longer they worked the fewer burps and jumps they made. I have a very
nice looking National Union 210 that I bring out each year for the BK. It
always seems to need a few hours of cooking to get the kinks out. Also, a
big globe 280 for the p/s...these tubes are at least 85 y/o and still preforming
like they would have back in the '20s....just amazing! And the 'lil '01A...well
it just keeps on ticking as well.

Even with generally marginal (yukky) band condx, hours on 40m with
no AWA sigs but my own, looking at the clock, will six o'clock ever get
here?..sore shoulder...tired and sleepy....and when six PM did come, a bit
of sadness knowing the fun was over 'till next year. All this said, I still managed
to eak out a new personal record.

I don't have very good 160m receiving setup, but did work Buggsy, W0LS,
K0KP and my good NC friend, Ron, N4GJV. I probably should have spent
a little more time on TB. The Inv. L w/4-wire CP sure helps on xmit. The band
was very noisy, so the MN stns were very hard to copy.

I made abt the same number of contacts on 80 & 40m. Boy, I really had to strain
my ears on some contacts. But with patience of the ops, I don't think I had to
scratch anyone. Sunday afternoon I heard W2AO on 40m with a pretty good
sig...well, I must have called him, off and on for an hour, a half doz times...not even
a QRZ from Stu. I finally gave up. Later he answered my CQ and we had a
good contact with good reports....ain't condx funny sometimes.

BK highlights:
Worked Scott at W2ICE/0 on 80 & 40.
DX : VE7SL on 80 & 40m...almost gave up on finding Steve on 80m but we
finally worked at 0507Z. Worked Jim, W8KGI in NM on 80m; KK7UV,
Steve..MT, on 80 & 40m; KE0Z, Will, in SD; Lou, VE3AWA...and a new VE
for me, I think...VE3GRO, Harry.

New Stns: I may have worked some of these stns in previous BKs, but don't
remember if I did: VE3GRO; N3GJ-George; WB8AFR-John; KC9WYV-Joe...
the young lad in MN, tnx to Harold, KB0ROB; AA2YV-Bill; maybe Will, KE0Z
was a new one for me too. New or not, great to work them. A sorta of a special
new one for me was Fritz, W4NTO. A few years ago I got an OO card from
him re. my chirpy Bare Essentials 50C5 rig. He included some suggestions on a
better osc...and later, to my surprise, sent me some tubes and parts to make the
better osc...which I did...a 6AG7 from a 1950 QST and it works wonderfully. I
still use the BE, as orig. built, but pick and chose the xtals, which helped the chirp

problem. Fritz is truly a gentleman and a first class ham.

Wrap-up: The BK is a real testament to the fine operating skills of the participants, the efforts to keep the history of communications and ham radio in the forefront...not just in books and collections, and a great vault of knowledge and technical expertise. This knowledge must be passed along to the future hams. Thanks to the AWA this is being done. Also, kudos to Scott, WA9WFA for all the work he does to keep the BK going...tnx Scott. And hats off to all who pulled me thru the noise and QRM. I hope everyone has a very Merry Christmas and a wonderful 2015.

73 de Bill K4JYS

10346. BK report from W7OIL

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 16:06:59 UTC
From: Daniel Petersen
Topic: 10346 Message: 10346

Well... nothing much to report! I had the Double-M up on Saturday evening and tried a sked with Steve-VE7SL on 80 meters but no joy. I could not hear him and conversely he could not hear my one-watt "MM". Listening during Saturday evening I heard no one. My "new" QTH in a retirement village does not lend itself well to good antenna systems. My 16-foot flagpole is all I have now although I have made SSB contacts in South Africa and Antarctica. Perhaps I would have better luck on 40...

--

73,
Dan - W7OIL

10347. NF1O BK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 16:19:07 UTC
From: barry whittemore
Topic: 10347 Message: 10347

Well, I got into the BK as a novelty and do not take it quite a sseriously as many here, but i do have fun with it.

I only made 11 QSOs this year with several stations on both 40 and 80.

I also got to record a few of the stations from my other rig. (K3)

I was active in both the ARRL 160 and ARRL 10 meter contests and took some breaks to play BK.

antenna was a low fan dipole for 80/40.

Log will follow soon.

Barry

NF1O

If it aint fun, don't do it.

10348. Re: [AWA Group] BK 2014 de BUG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 19:07:12 UTC
From: dulmagedon@...
Topic: 10329 Message: 10348

Paul said he might have me on tape on 40M . T'would be nice. Larry I could hear you in there between a couple of others. I gave it shot but perhaps next time.
don

10349. New PS

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 19:14:31 UTC
From: dulmagedon@...
Topic: 10349 Message: 10349

Started on a new stand alone PS fr my 01A rigs. DC heaters and a filtered doubler circuit. Got it working just after lunch today. Now I need to make it pretty. I think it is going to be better.
don

10350. Re: [AWA Group] BK 2014 de BUG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 20:17:23 UTC
From: N1BUG
Topic: 10329 Message: 10350

Larry:

Tks Don for the call. We made it! My vote for the best worst sig! A joy to hear.

Hey! I thought you gave ME that honor for my 40M sig!

I'm speaking out of turn here, I but I suspect you got displaced when he discovered a superior best worst signal. I gave Don a T5 and might have been stretching it? Not sure, as I wouldn't know raw AC if I heard it, let along some of the other categories. I just guess once we get below T7 or so. ;-)

Barry NF1O kindly made a recording of my 80M sig but mercifully didn't record me on 40M.

You haven't escaped! I have recordings of you on 40M. I'm reasonably sure I also have Don but have to go through the files I hastily saved and find it.

73,
Paul N1BUG

10351. Re: [AWA Group] BK 2014 de BUG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 20:57:20 UTC
From: Larry Szendrei
Topic: 10329 Message: 10351

On 12/15/14 3:17 PM, N1BUG paul@... [AWAGroup] wrote:
>
> Larry:
>
> Tks Don for the call. We made it! My vote for the best worst sig! A
> joy to hear.
>
> Hey! I thought you gave ME that honor for my 40M sig!
>
> I'm speaking out of turn here, I but I suspect you got displaced when
> he discovered a superior best worst signal. I gave Don a T5 and might
> have been stretching it? Not sure, as I wouldn't know raw AC if I
> heard it, let along some of the other categories. I just guess once we
> get below T7 or so. ;-)

OK, makes sense ;-)

I'm anxious to hear Lou's reply.

>
> Barry NF1O kindly made a recording of my 80M sig but mercifully didn't
> record me on 40M.
>
> You haven't escaped! I have recordings of you on 40M. I'm reasonably
> sure I also have Don but have to go through the files I hastily saved
> and find it.
>
Uh-oh...

73,
-Larry/NE1S

10352. BK report at NE1S

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 21:33:27 UTC
From: Larry Szendrei
Topic: 10329 Message: 10352

I just went through my scribblings and filled in my log sheet.

Bottom line: 20 QSOs on 80M and 21 on 40M for a total of 41.

This is the first year my 40M total exceeded my 80M one, It may be in part due to the fact that I didn't even bother getting on 80M the first night (12/5); I ran out of steam as I explained earlier. But the low 40's for a total is my normal, so I guess it didn't hurt too badly except for missing out on more fun, which is what it's all about anyway. This year I didn't even bother to get on 160M. It hasn't been preoductive for me in the past, and I'm not happy with the way the TNT works & sounds there (you'd think it would be the easiest band to deal with, but for some reason not for me).

Although all BK contacts are cherished, my most memorable ones were VE7SL on 40M (best DX for me, and we both worked hard for it!), and W2ICE/0 on 80M.

I had a really hard time finding anyone I hadn't already worked late yesterday afternoon on 80M - I only made 2 BK QSO's in the time I was up there. However, I had 3 that didn't go in the log because I was called by an ragchewed with two friends and one interested bystander who was familiar with the AWA and had visited the museum, but was not participating.

I'm sort of in-between as far as my commitment to the event goes - definitely more than a casual participant, but I don't let it interfere with my normal sleep schedule (usually 9PM - 5AM), my daily workout, and certain other responsibilities. (Yesterday I took an hour-long bike ride mid-day, and before that spent a couple hours with my friend K1MV who was kind enough to come over and help remove the broken reflector element from my Cushcraft A3. The Thanksgiving snowstorm was not kind to it - the snow was wet and heavy and (after 25 years aloft without having to do anything except clean insect nests out of the traps and replace the trap end caps) the tubing buckled right at the boom such that one half of the element was pointing toward the ground like a dagger! Yesterday was the first sunny dry weekend day above freezing since that happened, so I needed to take advantage of it.) I'm definitely not in the league of VE7SL, N1BUG, K4JYS, and W2AO; I think Don used the word "relentless," and even before he said that the word occured to me to describe their effort.)

I hope all participants had as much fun as I did. My only regrets are not having the energy to get on 80M the 1st night, and still not logging KK7UV or W7OIL.

73,
-Larry/NE1S

10353. Re: New PS

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 21:34:28 UTC
From: dulmagedon@...
Topic: 10349 Message: 10353

UPDATE
Got er done. This PS takes some of the sag out, Completely isolates heaters from cathode influence as far as blinking goes. My other supply was modified to run my TNT years ago and has had so many mods I forgot where I started. This one came from my junk box except for 3 diodes. I think I may lose my standing for best worst signal. It makes both the Hartley and the TGTP stand up and take notice. I didn't measure the Hartley yet but the TGTP showed 281 volts key down at 31.5 mils. it even has a meter hole in the cabinet so I may install one. Sets are more stable on this supply but it cant run the TNT because it does have 2.5 heater ability.

10354. Re: [AWA Group] BK report at NE1S

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 21:57:34 UTC
From: Larry Szendrei
Topic: 10329 Message: 10354

> I hope all participants had as much fun as I did. My only regrets are
> not having the energy to get on 80M the 1st night, and still not logging
> KK7UV or W7OIL.
>

Oh, and WA6VYN. Sri Doug!

73,
-Larry/NE1S
>
>

10355. Re: [AWA Group] BK report at NE1S

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 22:03:56 UTC
From: Doug Forbes
Topic: 10329 Message: 10355
Attachments: 1 described; binary payloads are missing from this source WARC

Next year Larry. We'll make it happen.

Doug Forbes WA6VYN

Professor (Ret.) / Department Chair

Computer Science / Electronics / Music Technology

College of the Canyons

Neptune Cocktail<http://www.neptunecocktail.com/>

Doug Forbes Page <http://sites.google.com/site/dougforbes1/home>

On 12/15/2014 1:57 PM, Larry Szendrei ne1s@... [AWAGroup] wrote:
>
>
>
>> I hope all participants had as much fun as I did. My only regrets are
>> not having the energy to get on 80M the 1st night, and still not logging
>> KK7UV or W7OIL.
>>
>
> Oh, and WA6VYN. Sri Doug!
>
> 73,
> -Larry/NE1S
>>
>
>
>

10356. An orignal

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-15 23:14:39 UTC
From: Louis Vermond
Topic: 10356 Message: 10356
Attachments: 1 described; binary payloads are missing from this source WARC

http://w5vid.com/

1950's Sucker Stick Xmitter

CLICK ON THE PICTURE FOR LARGER IMAGE. This 1950's transmitter using a single 6v6 tube was constructed on wooden strips by Jon Zoller (now deceased), W5ZWQ of Tulsa, Oklahoma. The coils were wound on sucker sticks. A second set of coils can be seen to the right of the transmitter. My first transmitter was an identical one that I constructed using an article titled "A Simple Transmitter" in the 11th edition of "How to Become a Radio Amateur".

10357. Re: An orignal

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-16 00:55:57 UTC
From: dulmagedon@...
Topic: 10356 Message: 10357

It is also in the 1948 ARRL handbook along with its big brother now known as the Longfellow.
Maybe we need a 30/40s tube weekend. Rock bound or not , free choice. I have three ready to go. A MOPA, the BE and a 6l6 Am rig. Same procedure, different rigs.
I think I would get dizzy winding those coils but many did! I was talking with a Ham in Home Hardware last fri and he was telling me how he started out with that type or rig as well (VE3BPL) He was telling me about winding the coils.
don

10358. RE: [AWA Group] Re: An orignal

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-16 01:07:18 UTC
From: Steve Flood
Topic: 10356 Message: 10358

>>Maybe we need a 30/40s tube weekend.

Linc Cundall event is coming up Don.

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

10359. Linc Cundall Event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-16 02:08:38 UTC
From: Whitebear1122
Topic: 10356 Message: 10359

i am planning on working the upcoming Linc Cundall with my mid 1930's Gross CW-25 transmitter and listening on the early 30's National NC-101 or maybe the National FB-7. I won't be burning up the airwaves with my whopping 15 watts on 40m but that's quite a bit more power than the 29 rig :) I need to wind a coil set for 80m so I can work both bands. Another event that intrigues me is the Novice Rig roundup in Feb or March. I have a Heathkit DX-60B, HG-10B, and HR-10B at the ready. 73, Scott WA9WFA

On Dec 15, 2014, at 7:07 PM, "'Steve Flood' kk7uv@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

>
>
> >>Maybe we need a 30/40s tube weekend.
>
> Linc Cundall event is coming up Don.
>
>
>

10360. Re: Linc Cundall Event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-16 02:49:08 UTC
From: dulmagedon@...
Topic: 10356 Message: 10360

I plan on doing a bit on the Linc Cundall Event too. I also have a DX60B and a HR10B but had to make my VFO. I have been watching the notices about the Novice Rig stuff. Sounds interesting. When I am not playing with these rigs I am an AMer . (sometimes I do both. AM and pre 29 or AM on pre 29) which reminds me Lou, any sign of your Mic yet? I have a SSB rig and occasionally use it but my heart has been stolen by the old style stuff.
don

10361. BK report de n4gjv

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-16 04:47:02 UTC
From: Ron Barlow
Topic: 10361 Message: 10361

Hi guys!
I was not QRV for the first weekend of the BK QSO party, as I had conflicts with other activities.
In addition, my antennas were laying on the ground, victims of an ice storm, last winter. The re-erection task was not completed until ~ 1 hour before the 2nd weekend activities were scheduled to commence!

I had 2 goals, for the weekend.
#1 and foremost was to have fun.
#2 was to log at least one contact on each band, if possible.
I did indeed have fun, but Murphy attempted (unsuccessfuly) to prevent goal #2 from being a reality!

I was already late for the 2300Z start time, when I discovered that my old SB-300 rx had a mechanical problem, that I was not able to quickly cure.
I could have used my 24A/27/27 regenerative rx., as I did for many of my QSOs, last year. However I no longer had the means to readily match my transmitter and receiver frequencies, due to a kaput freq counter. One of the regen's inherent shortcomings, is its tendency to overload, under strong signal conditions, so using it alone, for such a purpose, is a lesson in futility.
I was able to use my homebrewed single band superhet rx on 80m (normally used as a tuneable IF on VHF & UHF), so that part of the problem was solved.
The regen was my only option on 160m. The lateness of my arrival (0240Z), and the time consuming and tedious task of performing the zero beating chore probably caused me to miss some of the 160m action??
For 40m, I decided to attempt to use an old BC-455, that had been resting in my garage for many years. I had to reform the electrolytic caps, in the power supply, and retune the BFO, which for some unknown reason, was offset far from the wide IF passband. The old rx now worked fine, but the clock had marched on, past the 1815Z mark.
I soon found that the suggested 7100-7125 khz band segment seemed to very narrow, when using a receiver with such a wide IF bandwidth, plus the "ability" to hear both "sidebands" equally well! Not much tuning required! Leave the tuning knob parked, and simply use the ear/brain filter--well ear filter, anyway-- to choose which pitch to listen to!
The actual limiting factor, on 40m, however, seemed to be my QRPP xmit signal. I did contact a few stations, but many others were called w/o success.
My 40 & 80m inverted vees had been brought down by an ice storm last winter, and when I re-erected them, I decided to relocate them to the same ~33 ft tall mast, that supported my 160m inverted vee.
Unfortunately, a very long feedine (200 ft) is required to reach the relocated antennas, and some well aged RG-58 type coax was all that was on hand, to do the job. The excessive feedline loss, which would be larger, at 7 Mhz, vs 1.8 & 3.5 Mhz, may explain why I seemed to be unheard by so many, on 40m.

Many thanks to all for the absolutely great fun, and for putting up with the many sending errors, the result of arthritic hands!

I particularly enjoyed contacting my friends "Bugsy", N1BUG, and Bill, K4JYS, on all 3 bands!

Vy 73 de Ron n4gjv

10362. Re: [AWA Group] Linc Cundall Event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-16 11:22:48 UTC
From: Larry Szendrei
Topic: 10356 Message: 10362

On 12/15/14 9:08 PM, Whitebear1122 whitebear1122@... [AWAGroup]
wrote:
>
> i am planning on working the upcoming Linc Cundall with my mid 1930's
> Gross CW-25 transmitter and listening on the early 30's National
> NC-101 or maybe the National FB-7. I won't be burning up the
> airwaves with my whopping 15 watts on 40m but that's quite a bit more
> power than the 29 rig :) I need to wind a coil set for 80m so I can
> work both bands. Another event that intrigues me is the Novice Rig
> roundup in Feb or March. I have a Heathkit DX-60B, HG-10B, and HR-10B
> at the ready. 73, Scott WA9WFA
>
>
Yes, I also plan on being active in both Link Cundall and NRR.

73,
-Larry/NE1S

10363. Re: BK report de n4gjv

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-16 11:27:01 UTC
From: dulmagedon@...
Topic: 10361 Message: 10363

Sounds like life! You did well! Wish I had logged you. I have a BC454 here. Fun but, well you know. I prefer my regen for CW work also. I use a very low power osc to spot it which I can check against any of several digital rx here in the shack for freq. It has worked well for me. I always feel dishonest if I am using a modern rx and a pre 29 TX. Or even a big boat anchor RX. Seems like cheating. However I did us my HR10B for the BK. it is darn near deaf compared to the regens so is no advantage. I have given it the award as the worlds worst shortwave receiver. Anyway you efforts to restore your station in time were interesting. Hope to work you some time.
don

10364. Re: [AWA Group] BK report de n4gjv

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-16 11:28:13 UTC
From: Larry Szendrei
Topic: 10361 Message: 10364

I'm glad I caught up with you on 80M, Ron. It's always a pleasure working you.

73,
-Larry/NE1S

10365. WTB/WTT: retaining ring-mount Loktal socket

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-16 19:55:25 UTC
From: Larry Szendrei
Topic: 10365 Message: 10365
Attachments: 1 described; binary payloads are missing from this source WARC

HI, all,

I'm looking for a Loktal (not Octal) socket that mounts with the retaining ring, as shown in the photo. Will pay a reasonable price, or will trade for another type of tube socket in my junk box. (I have micanol sockets that would fit a 1625, for example.)

73,
-Larry/NE1S

10366. Re: WTB/WTT: retaining ring-mount Loktal socket

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 02:16:22 UTC
From: dulmagedon@...
Topic: 10365 Message: 10366

I have a bunch of 7 series tubes and stripped a radio but I can't remember where I stashed the sockets. I'm thinking. I definitely didn't throw them out. Always thought some day I would build a locktal station. (which would probably only use 2 or 3 sockets.)
don

10367. Further Adventures with the TGTP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 09:59:23 UTC
From: dulmagedon@...
Topic: 10367 Message: 10367

After the dust from the BK settled I went back to work on the TGTP rig. I found a proper rated bulb for the plate current indicator an removed the one I had in and installed the new one with its nice red lens and bezel in the front panel. It works as advertised and with a sniffer bulb sitting on the tank coil (one turn) and the red indicator on the panel tune up is a breeze. Put the red light out and the white one bright. I also discovered that the rig will , like its Hartley cousin tune 40 meters just fine as well as 80M. I came to the conclusion judging the position of the movable plates in both the grid tank and the plate tank. they happen to sync BTW despite the huge difference on size of the coils there is less then 5 numbers difference between Gr tune and plate tune. So after trying 40M I wondered if by any chance it would sneak down to 160M since the plates on 80M were 1/2 way. 3/4 on 40M. It will. The grid will tune down to 1999 kcs and the plate will go all the way it would appear as there is room for more C when at 1999kc. The lead from the grid coil has enough to add perhaps 3 turns back on the form and then bring it off with a new lead. That should put it will and safely into 160M and still comfortably hit 40M with room to spare. If so this would be a continuously tunable three bander which would be nice .During my tests I also made a boo boo. I have only two 01As. One is very good and I use it all the time and have for a year or so. The other I acquired recently and it is good for about 4 or 5 minutes then gets dirty and balky. It carrys the engraved base 201A while the good one has a fancy 01A printed o its top. I was using the bad one inadvertently so if any heard it as it began to crapout yesterday I apologize. I shouldn't be using it. Have to increase my supply as I have more radios then tubes now. I also need for a restoration project a 26 tube should anyone have one they would sell.
don

10368. Re: WTB/WTT: retaining ring-mount Loktal socket

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 12:21:28 UTC
From: dulmagedon@...
Topic: 10365 Message: 10368

But I just realized mine were not ring mount. Just cheapies ,wafer style with spring clip.
Sorry
don

10369. Re: [AWA] WTB/WTT: retaining ring-mount Loktal socket

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 12:26:52 UTC
From: Larry Szendrei
Topic: 10369 Message: 10369

Thanks to all who responded, and/or checked their junque boxes. Thanks to the kindness of listmember Charlie K4LJH, I have found the socket I require (as well as 2 others from another list!).

73 ES TNX,
-Larry/NE1S

10370. Re: Further Adventures with the TGTP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 16:38:34 UTC
From: dulmagedon@...
Topic: 10367 Message: 10370

Nope,It is essentially only happy on 80M.
don

10371. Regen receiver operating aid

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 17:06:51 UTC
From: Ron Barlow
Topic: 10371 Message: 10371

Hello all,

Can someone please tell me the name of the device that was by the old timers, back in the good old days, that allowed them to zero beat their regen receivers, with their transmitters?
It essentially consisted of a shielded one tube regen receiver.
Unfortunately, I cannot remember the nomenclature, to save my life! Old age is truly an adventure!

I vaguely recall that someone may have included some info, on such a device, on their web page??
However, I was unable to find anything, without knowing the name of what I was searching for!
The search engines provided lots of hits, when I attempted to search for a "whatchamacallit", but none of the hits provided the info that I was seeking!

Thanks for reading this!
73 de Ron n4gjv

10372. Re: [AWA Group] Regen receiver operating aid

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 17:27:29 UTC
From: Robert S Jenkins
Topic: 10371 Message: 10372

Search for CW monitor.

Robert S Jenkins
KG4KGL

> On Dec 17, 2014, at 12:06, Ron Barlow imalowfer@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> Hello all,
>
> Can someone please tell me the name of the device that was by the old timers, back in the good old days, that allowed them to zero beat their regen receivers, with their transmitters?
> It essentially consisted of a shielded one tube regen receiver.
> Unfortunately, I cannot remember the nomenclature, to save my life! Old age is truly an adventure!
>
> I vaguely recall that someone may have included some info, on such a device, on their web page??
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>
> Thanks for reading this!
> 73 de Ron n4gjv
>

10373. Re: [AWA Group] Regen receiver operating aid

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 17:47:10 UTC
From: Carl Nord WA1KPD
Topic: 10371 Message: 10373

Ron,
I have one, that looks original and is nicely built if you want one. Pics available, not looking to fnd my daughters education with it either :) .

----- Original Message -----From: Robert S Jenkins qrp@... [AWAGroup] <AWAGroup@yahoogroups.com>To: AWAGroup@yahoogroups.comSent: Wed, 17 Dec 2014 17:27:29 -0000 (UTC)Subject: Re: [AWA Group] Regen receiver operating aid

Search for CW monitor.

Robert S Jenkins
KG4KGL

On Dec 17, 2014, at 12:06, Ron Barlow imalowfer@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

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I vaguely recall that someone may have included some info, on such a device, on their web page??

However, I was unable to find anything, without knowing the name of what I was searching for!

The search engines provided lots of hits, when I attempted to search for a "whatchamacallit", but none of the hits provided the info that I was seeking!

Thanks for reading this!

73 de Ron n4gjv

10374. Re: [AWA Group] Regen receiver operating aid

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 17:53:01 UTC
From: Michael A. Bittner
Topic: 10371 Message: 10374

QST for May 1947, Page 33 shows a "C.W. Transmitting Monitor" article by Byron Goodman.
Basically a 2-Tube regen with miniature battery tubes.
Mike, W6MAB

--
----- Original Message -----
From: Robert S Jenkins qrp@kg4kgl.net [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Wednesday, December 17, 2014 9:27 AM
Subject: Re: [AWA Group] Regen receiver operating aid

Search for CW monitor.

Robert S Jenkins
KG4KGL

On Dec 17, 2014, at 12:06, Ron Barlow imalowfer@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

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Unfortunately, I cannot remember the nomenclature, to save my life! Old age is truly an adventure!

I vaguely recall that someone may have included some info, on such a device, on their web page??
However, I was unable to find anything, without knowing the name of what I was searching for!
The search engines provided lots of hits, when I attempted to search for a "whatchamacallit", but none of the hits provided the info that I was seeking!

Thanks for reading this!
73 de Ron n4gjv

10375. RE: [AWA Group] Regen receiver operating aid

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 18:06:52 UTC
From: Mike Feher
Topic: 10371 Message: 10375

OK, I am missing something. What was asked for was something to help zero beat, but, I think what has been offered was a monitor so you could hear yourself while transmitting. That is not the same thing. I cannot think of what the item may have been called that actually allowed a zero beat. In my opinion, this implies both the transmitter and the receiver to be on simultaneously. While most of these rigs did change frequency somewhat under varying loads, I think the easiest way would be to switch the transmitter into a dummy load and then tune the receiver. That should be close enough. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 17, 2014 12:53 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Regen receiver operating aid

☐

QST for May 1947, Page 33 shows a "C.W. Transmitting Monitor" article by Byron Goodman. Basically a 2-Tube regen with miniature battery tubes.

Mike, W6MAB

--

----- Original Message -----

From: Robert S Jenkins qrp@... [AWAGroup] <mailto:qrp@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: Wednesday, December 17, 2014 9:27 AM

Subject: Re: [AWA Group] Regen receiver operating aid

Search for CW monitor.

Robert S Jenkins

KG4KGL

On Dec 17, 2014, at 12:06, Ron Barlow imalowfer@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Hello all,

Can someone please tell me the name of the device that was by the old timers, back in the good old days, that allowed them to zero beat their regen receivers, with their transmitters?
It essentially consisted of a shielded one tube regen receiver.
Unfortunately, I cannot remember the nomenclature, to save my life! Old age is truly an adventure!

I vaguely recall that someone may have included some info, on such a device, on their web page??
However, I was unable to find anything, without knowing the name of what I was searching for!
The search engines provided lots of hits, when I attempted to search for a "whatchamacallit", but none of the hits provided the info that I was seeking!

Thanks for reading this!
73 de Ron n4gjv

10376. Re: [AWA Group] Regen receiver operating aid

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 18:53:45 UTC
From: Larry Szendrei
Topic: 10371 Message: 10376
Attachments: 1 described; binary payloads are missing from this source WARC

Hi, Mike. I think I can help.

From earlier posts by Ron, (and knowing his interests), I am guessing that he posed this question because he wants the ability to set his transmitter on the same frequency that a regenerative receiver is tuned to. Even into a dummy load with a low-power transmitter, the local signal is usually so strong that it will "block" the regenerative detector. Therefore some kind for "third party" is required: either a superhet receiver with BFO or product detector, or a monitor-like device. I use an LM-5 frequency meter for this purpose.

The 1931 ARRL Handbook has a whole chapter on monitors and frequency meters, and it appears "monitors" were indeed used to help set transmitters to the same frequency as the receiver. From page 77:

73,
-Larry/NE1S

On 12/17/14 1:06 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> OK, I am missing something. What was asked for was something to help
> zero beat, but, I think what has been offered was a monitor so you
> could hear yourself while transmitting. That is not the same thing. I
> cannot think of what the item may have been called that actually
> allowed a zero beat. In my opinion, this implies both the transmitter
> and the receiver to be on simultaneously. While most of these rigs did
> change frequency somewhat under varying loads, I think the easiest way
> would be to switch the transmitter into a dummy load and then tune the
> receiver. That should be close enough. 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Wednesday, December 17, 2014 12:53 PM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* Re: [AWA Group] Regen receiver operating aid
>
> □

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> QST for May 1947, Page 33 shows a "C.W. Transmitting Monitor" article
> by Byron Goodman. Basically a 2-Tube regen with miniature battery tubes.
>
> Mike, W6MAB
>
> --
>
> ----- Original Message -----
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> *From:*Robert S Jenkins qrp@... [AWAGroup]
> <mailto:qrp@...%20[AWAGroup]>
>
> *To:*AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
>
> *Sent:*Wednesday, December 17, 2014 9:27 AM
>
> *Subject:*Re: [AWA Group] Regen receiver operating aid
>
> Search for CW monitor.
>
> Robert S Jenkins
>
> KG4KGL
>
>
> On Dec 17, 2014, at 12:06, Ron Barlow imalowfer@...
> <mailto:imalowfer@...> [AWAGroup] <AWAGroup@yahoogroups.com
> <mailto:AWAGroup@yahoogroups.com>> wrote:
>
> Hello all,
>
> Can someone please tell me the name of the device that was by
> the old timers, back in the good old days, that allowed them
> to zero beat their regen receivers, with their transmitters?
> It essentially consisted of a shielded one tube regen receiver.
> Unfortunately, I cannot remember the nomenclature, to save my
> life! Old age is truly an adventure!
>
> I vaguely recall that someone may have included some info, on
> such a device, on their web page??
> However, I was unable to find anything, without knowing the
> name of what I was searching for!
> The search engines provided lots of hits, when I attempted to
> search for a "whatchamacallit", but none of the hits provided
> the info that I was seeking!
>
> Thanks for reading this!
> 73 de Ron n4gjv

>
>

10377. RE: [AWA Group] Regen receiver operating aid [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 19:13:28 UTC
From: Mike Feher
Topic: 10371 Message: 10377
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Larry –

Yes, I agree with all of that. I knew even with a dummy load it would be too much for a regen. He did ask what they used in the old days, and, they certainly did not have the methods you mention. So, what if anything was used? Sure today, and, even back in the 30's other methods were available, but, back in '29 and earlier, I am not sure. So, reading the below article, a tunable oscillator with detector was used, which is what I would expect. However, it was still used one at a time. First with the receive then with the transmitter. Come to think of it, I think I have something here meant just for that purpose. I'll dig it out and share what it is. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 17, 2014 1:54 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Regen receiver operating aid [1 Attachment]

Hi, Mike. I think I can help.

From earlier posts by Ron, (and knowing his interests), I am guessing that he posed this question because he wants the ability to set his transmitter on the same frequency that a regenerative receiver is tuned to. Even into a dummy load with a low-power transmitter, the local signal is usually so strong that it will "block" the regenerative detector. Therefore some kind for "third party" is required: either a superhet receiver with BFO or product detector, or a monitor-like device. I use an LM-5 frequency meter for this purpose.

The 1931 ARRL Handbook has a whole chapter on monitors and frequency meters, and it appears "monitors" were indeed used to help set transmitters to the same frequency as the receiver. From page 77:

73,
-Larry/NE1S

On 12/17/14 1:06 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

OK, I am missing something. What was asked for was something to help zero beat, but, I think what has been offered was a monitor so you could hear yourself while transmitting. That is not the same thing. I cannot think of what the item may have been called that actually allowed a zero beat. In my opinion, this implies both the transmitter and the receiver to be on simultaneously. While most of these rigs did change frequency somewhat

under varying loads, I think the easiest way would be to switch the transmitter into a dummy load and then tune the receiver. That should be close enough. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 17, 2014 12:53 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Regen receiver operating aid

□

QST for May 1947, Page 33 shows a "C.W. Transmitting Monitor" article by Byron Goodman. Basically a 2-Tube regen with miniature battery tubes.

Mike, W6MAB

--

----- Original Message -----

From: Robert S Jenkins qrp@... [AWAGroup] <mailto:qrp@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: Wednesday, December 17, 2014 9:27 AM

Subject: Re: [AWA Group] Regen receiver operating aid

Search for CW monitor.

Robert S Jenkins

KG4KGL

On Dec 17, 2014, at 12:06, Ron Barlow imalowfer@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Hello all,

Can someone please tell me the name of the device that was by the old timers, back in the good old days, that allowed them to zero beat their regen receivers, with their transmitters?
It essentially consisted of a shielded one tube regen receiver.
Unfortunately, I cannot remember the nomenclature, to save my life! Old age is truly an adventure!

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for!
The search engines provided lots of hits, when I attempted to search for a "whatchamacallit", but none of the hits provided the info that I was seeking!

Thanks for reading this!
73 de Ron n4gjv

10378. Re: [AWA Group] Regen receiver operating aid

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 19:14:20 UTC
From: Roger Kuchera
Topic: 10371 Message: 10378

If it was for checking the quality of your note, it was called a Monitor.
If it was for checking frequency it could be either a FreqMeter or a
Wave Meter. Both came in varying complexities; some with a lamp
others with a meter.

I use a Monitor even on my 1930s TX.

Roger/K1TG

On Wednesday, December 17, 2014 1:06 PM, "'Mike Feher' n4fs@... [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:

OK, I am missing something. What was asked for was something to help zero beat, but, I think what has been offered was a monitor so you could hear yourself while transmitting. That is not the same thing. I cannot think of what the item may have been called that actually allowed a zero beat. In my opinion, this implies both the transmitter and the receiver to be on simultaneously. While most of these rigs did change frequency somewhat under varying loads, I think the easiest way would be to switch the transmitter into a dummy load and then tune the receiver. That should be close enough. 73 – Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

From:AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 17, 2014 12:53 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Regen receiver operating aid

☐
QST for May 1947, Page 33 shows a "C.W. Transmitting Monitor" article by Byron Goodman. Basically a 2-Tube regen with miniature battery tubes.
Mike, W6MAB

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>
>Search for CW monitor.
>
>Robert S Jenkins
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>>Thanks for reading this!
>>73 de Ron n4gjv

10379. Re: [AWA Group] Regen receiver operating aid [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 19:19:12 UTC
From: Roger Kuchera
Topic: 10371 Message: 10379
Attachments: 1 described; binary payloads are missing from this source WARC

It may have been called an Iso-synchronometer (spelling ?). I believe it used a mixer function for zero beating.

Roger/K1TG

On Wednesday, December 17, 2014 1:54 PM, "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Hi, Mike. I think I can help.

From earlier posts by Ron, (and knowing his interests), I am guessing that he posed this question because he wants the ability to set his transmitter on the same frequency that a regenerative receiver is tuned to. Even into a dummy load with a low-power transmitter, the local signal is usually so strong that it will "block" the regenerative detector. Therefore some kind for "third party" is required: either a superhet receiver with BFO or product detector, or a monitor-like device. I use an LM-5 frequency meter for this purpose.

The 1931 ARRL Handbook has a whole chapter on monitors and frequency meters, and it appears "monitors" were indeed used to help set transmitters to the same frequency as the receiver. From page 77:

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-Larry/NE1S

On 12/17/14 1:06 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

>OK, I am missing something. What was asked for was something to help zero beat, but, I think what has been offered was a monitor so you could hear yourself while transmitting. That is not the same thing. I cannot think of what the item may have been called that actually allowed a zero beat. In my opinion, this implies both the transmitter and the receiver to be on simultaneously. While most of these rigs did change frequency somewhat under varying loads, I think the easiest way would be to switch the transmitter into a dummy load and then tune the receiver. That should be close enough. 73 – Mike
>
>Mike B. Feher, N4FS
>89 Arnold Blvd.
>Howell, NJ, 07731
>732-886-5960
>
>From:AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
>Sent: Wednesday, December 17, 2014 12:53 PM
>To: AWAGroup@yahoogroups.com
>Subject: Re: [AWA Group] Regen receiver operating aid

>
>
>□
>QST for May 1947, Page 33 shows a "C.W. Transmitting Monitor" article by Byron Goodman. Basically a 2-Tube regen with miniature battery tubes.
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>>Search for CW monitor.
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>>Robert S Jenkins
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hits, when I attempted to search for a
"whatchamacallit", but none of the hits
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>>>Thanks for reading this!
>>>73 de Ron n4gjv

10380. Re: [AWA Group] Regen receiver operating aid [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 19:42:34 UTC
From: Daniel Petersen
Topic: 10371 Message: 10380
Attachments: 1 described; binary payloads are missing from this source WARC

Have you tried the old trick of putting your transmit crystal in series with the antenna input? The sound as you pass the resonant crystal frequency is unmistakable. My "Paraset" will exhibit a faint "thump" in the receiver at the crystal frequency is crossed even though it is still plugged into the transmit crystal socket!
73,
Dan - W7OIL

On Wed, Dec 17, 2014 at 11:19 AM, Roger Kuchera rwkuchera@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
>
>
> It may have been called an Iso-synchronometer (spelling ?). I believe it
> used a mixer
> function for zero beating.
>
> Roger/K1TG
>
>
> On Wednesday, December 17, 2014 1:54 PM, "Larry Szendrei
> ne1s@securespeed.us [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:
>
>
>
>
>
> Hi, Mike. I think I can help.
>
> From earlier posts by Ron, (and knowing his interests), I am guessing that
> he posed this question because he wants the ability to set his transmitter
> on the same frequency that a regenerative receiver is tuned to. Even into a
> dummy load with a low-power transmitter, the local signal is usually so
> strong that it will "block" the regenerative detector. Therefore some kind
> for "third party" is required: either a superhet receiver with BFO or
> product detector, or a monitor-like device. I use an LM-5 frequency meter
> for this purpose.
>
> The 1931 ARRL Handbook has a whole chapter on monitors and frequency
> meters, and it appears "monitors" were indeed used to help set transmitters
> to the same frequency as the receiver. From page 77:
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>

> 73,
> -Larry/NE1S
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> On 12/17/14 1:06 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
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> OK, I am missing something. What was asked for was something to help
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> the transmitter into a dummy load and then tune the receiver. That should
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> Mike B. Feher, N4FS
> 89 Arnold Blvd.
> Howell, NJ, 07731
> 732-886-5960
>
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> <AWAGroup@yahoogroups.com>]
> *Sent:* Wednesday, December 17, 2014 12:53 PM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* Re: [AWA Group] Regen receiver operating aid
>
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> QST for May 1947, Page 33 shows a "C.W. Transmitting Monitor" article by
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> Mike, W6MAB
>
>
> --
>
> ----- Original Message -----
> *From:* mailto:qrp@...%20[AWAGroup] <qrp@...%20[AWAGroup]>
> *To:* AWAGroup@yahoogroups.com
> *Sent:* Wednesday, December 17, 2014 9:27 AM
> *Subject:* Re: [AWA Group] Regen receiver operating aid
>
>
> Search for CW monitor.
>
> Robert S Jenkins
> KG4KGL
>
> On Dec 17, 2014, at 12:06, Ron Barlow imalowfer@... [AWAGroup] <

> AWAGroup@yahoogroups.com> wrote:
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> timers, back in the good old days, that allowed them to zero beat their
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> It essentially consisted of a shielded one tube regen receiver.
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> 73 de Ron n4gjv
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>
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>

--

73,
Dan - W7OIL

10381. RE: [AWA Group] Regen receiver operating aid

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 19:20:38 UTC
From: Steve Flood
Topic: 10371 Message: 10381
Attachments: 2 described; binary payloads are missing from this source WARC

The “monitor” most certainly can be used for zero-beating. Unless the ‘monitor’ term is ambiguous in the old literature, I presume we are talking about the device seen in the 1929 handbook and July 1927 QST, which I have built and use with my ‘29 gear.

If I hear a station calling CQ on my receiver, I tune their signal into the zero-beat ‘dip’. I then tune the monitor until I can hear the monitor signal zero-beat ‘dip’ in the receiver. The receiver and monitor are now netted to the same frequency.

I then mute the receiver and key-down the transmitter while listening in the monitor headphones. I tune the transmitter until I get a zero-beat dip in the monitor headphones.

Now the TX, RX, and monitor are all on the same frequency. I then merely tune the receiver to one side of the signal to hear the calling station and the monitor tone and then mute the monitor while receiving. To transmit, I mute the receiver and turn on the monitor to hear my sidetone.

Steve, KK7UV

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

10382. RE: [AWA Group] Regen receiver operating aid

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 20:01:53 UTC
From: Mike Feher
Topic: 10371 Message: 10382
Attachments: 4 described; binary payloads are missing from this source WARC

Well, surprise, surprise, I found what I was looking for and took a few pictures. This called an Aero Monitor made by Aero Products. It is battery operated, uses a type 112 tube, and has a socket to accept coils for different bands. The tube in it is dated 1929, so, it is even period correct. Here is a link I found on the web:

http://www.eht.com/oldradio/arrl/2007-02/AERO_monitor_and_converter.htm

I believe this could be used to do exactly what Larry described. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 17, 2014 2:13 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Regen receiver operating aid

Hi Larry –

Yes, I agree with all of that. I knew even with a dummy load it would be too much for a regen. He did ask what they used in the old days, and, they certainly did not have the methods you mention. So, what if anything was used? Sure today, and, even back in the 30's other methods were available, but, back in '29 and earlier, I am not sure. So, reading the below article, a tunable oscillator with detector was used, which is what I would expect. However, it was still used one at a time. First with the receive then with the transmitter. Come to think of it, I think I have something here meant just for that purpose. I'll dig it out and share what it is. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 17, 2014 1:54 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Regen receiver operating aid [1 Attachment]

Hi, Mike. I think I can help.

From earlier posts by Ron, (and knowing his interests), I am guessing that he posed this question because he wants the ability to set his transmitter on the same frequency that a regenerative receiver is tuned to. Even into a dummy load with a low-power transmitter, the local signal is usually so strong that it will "block" the regenerative detector. Therefore some kind for "third party" is required: either a superhet receiver with BFO or product detector, or a monitor-like device. I use an LM-5 frequency meter for this purpose.

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

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Mike, W6MAB

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----- Original Message -----

From: Robert S Jenkins qrp@... [AWAGroup] <mailto:qrp@kg4kgl.net%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: Wednesday, December 17, 2014 9:27 AM

Subject: Re: [AWA Group] Regen receiver operating aid

Search for CW monitor.

Robert S Jenkins

KG4KGL

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Unfortunately, I cannot remember the nomenclature, to save my life! Old age is truly an adventure!

I vaguely recall that someone may have included some info, on such a device, on their web page??
However, I was unable to find anything, without knowing the name of what I was searching for!
The search engines provided lots of hits, when I attempted to search for a "whatchamacallit", but none of the hits provided the info that I was seeking!

Thanks for reading this!
73 de Ron n4gjv

10383. KC1BBC -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 20:12:06 UTC
From: Mike Feher
Topic: 10383 Message: 10383

Please welcome Ed to the group. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

10384. RE: [AWA Group] Regen receiver operating aid [4 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 20:17:17 UTC
From: Mike Feher
Topic: 10371 Message: 10384
Attachments: 1 described; binary payloads are missing from this source WARC

I guess I had a brain-fart. The tube is a 199. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 17, 2014 3:02 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Regen receiver operating aid [4 Attachments]

Well, surprise, surprise, I found what I was looking for and took a few pictures. This called an Aero Monitor made by Aero Products. It is battery operated, uses a type 112 tube, and has a socket to accept coils for different bands. The tube in it is dated 1929, so, it is even period correct. Here is a link I found on the web:

http://www.eht.com/oldradio/arrl/2007-02/AERO_monitor_and_converter.htm

I believe this could be used to do exactly what Larry described. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 17, 2014 2:13 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Regen receiver operating aid

Hi Larry –

Yes, I agree with all of that. I knew even with a dummy load it would be too much for a regen. He did ask what they used in the old days, and, they certainly did not have the methods you mention. So, what if anything was used? Sure today, and, even back in the 30’s other methods were available, but, back in ’29 and earlier, I am not sure. So, reading the below article, a tunable oscillator with detector was used, which is what I would expect. However, it was still used one at a time. First with the receive then with the transmitter. Come to think of it, I think I have something here meant just for that purpose. I’ll dig it out and share what it is. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 17, 2014 1:54 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Regen receiver operating aid [1 Attachment]

Hi, Mike. I think I can help.

From earlier posts by Ron, (and knowing his interests), I am guessing that he posed this question because he wants the ability to set his transmitter on the same frequency that a regenerative receiver is tuned to. Even into a dummy load with a low-power transmitter, the local signal is usually so strong that it will "block" the regenerative detector. Therefore some kind for "third party" is required: either a superhet receiver with BFO or product detector, or a monitor-like device. I use an LM-5 frequency meter for this purpose.

The 1931 ARRL Handbook has a whole chapter on monitors and frequency meters, and it appears "monitors" were indeed used to help set transmitters to the same frequency as the receiver. From page 77:

73,
-Larry/NE1S

On 12/17/14 1:06 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

OK, I am missing something. What was asked for was something to help zero beat, but, I think what has been offered was a monitor so you could hear yourself while transmitting. That is not the same thing. I cannot think of what the item may have been called that actually allowed a zero beat. In my opinion, this implies both the transmitter and the receiver to be on simultaneously. While most of these rigs did change frequency somewhat under varying loads, I think the easiest way would be to switch the transmitter into a dummy load and then tune the receiver. That should be close enough. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 17, 2014 12:53 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Regen receiver operating aid

□

QST for May 1947, Page 33 shows a "C.W. Transmitting Monitor" article by Byron Goodman. Basically a 2-Tube regen with miniature battery tubes.

Mike, W6MAB

--

----- Original Message -----

From: Robert S Jenkins qrp@... [AWAGroup] <mailto:qrp@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: Wednesday, December 17, 2014 9:27 AM

Subject: Re: [AWA Group] Regen receiver operating aid

Search for CW monitor.

Robert S Jenkins

KG4KGL

On Dec 17, 2014, at 12:06, Ron Barlow imalowfer@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Hello all,

Can someone please tell me the name of the device that was by the old timers, back in the good old days, that allowed them to zero beat their regen receivers, with their transmitters?
It essentially consisted of a shielded one tube regen receiver.
Unfortunately, I cannot remember the nomenclature, to save my life! Old age is truly an adventure!

I vaguely recall that someone may have included some info, on such a device, on their web page??
However, I was unable to find anything, without knowing the name of what I was searching for!
The search engines provided lots of hits, when I attempted to search for a "whatchamacallit", but none of the hits provided the info that I was seeking!

Thanks for reading this!
73 de Ron n4gjv

10385. Re: [AWA Group] KC1BBC -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 20:23:45 UTC
From: Louis Vermond
Topic: 10383 Message: 10385

Welcome, Ed. Thanks for joining. Lou VE3AWA

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-12-17 3:12 PM
Subject: [AWA Group] KC1BBC -

Please welcome Ed to the group. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

10386. RE: [AWA Group] Regen receiver operating aid

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 20:42:27 UTC
From: Mike Feher
Topic: 10371 Message: 10386
Attachments: 2 described; binary payloads are missing from this source WARC

Steve –

This looks identical to the Aero that I posted about. It is great that you are using something of period vintage with your ‘29 rigs. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 17, 2014 2:21 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Regen receiver operating aid

The “monitor” most certainly can be used for zero-beating. Unless the ‘monitor’ term is ambiguous in the old literature, I presume we are talking about the device seen in the 1929 handbook and July 1927 QST, which I have built and use with my ‘29 gear.

If I hear a station calling CQ on my receiver, I tune their signal into the zero-beat ‘dip’. I then tune the monitor until I can hear the monitor signal zero-beat ‘dip’ in the receiver. The receiver and monitor are now netted to the same frequency.

I then mute the receiver and key-down the transmitter while listening in the monitor headphones. I tune the transmitter until I get a zero-beat dip in the monitor headphones.

Now the TX, RX, and monitor are all on the same frequency. I then merely tune the receiver to one side of the signal to hear the calling station and the monitor tone and then mute the monitor while receiving. To transmit, I mute the receiver and turn on the monitor to hear my sidetone.

Steve, KK7UV

<http://www.avast.com/>

This email is free from viruses and malware because avast! Antivirus <http://www.avast.com/> protection is active.

10387. first contact with the new Hartley confimed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 21:22:22 UTC
From: dulmagedon@...
Topic: 10387 Message: 10387

Just got a QSL in the mail from my first contact with the Hartley I built a few weeks back. From W3DF it says "Thanks for taking me back before I was born. Memorable QSO!" Been years since I got a QSL in the mail. Nice guy, Appreciated the Hartley and what it stands for.
don

10388. '24 Meissner Pwr Supply

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 21:59:24 UTC
From: Bill Stewart
Topic: 10388 Message: 10388

GA all,
Lou, this is sorta directed at you. This is an update on a P/S for the '24 Meissner (160m) that we talked a bit abt, a few months ago. I found a CX-316-B on ebay to go with one I already had (the tubes are half-wave). I cobbled up a full wave supply with only one filter cap (10uf) and a bleeder resistor. The junk box xfmr does not quite have enuf voltage to give me 300 vdc, which is what I was using from a Heathkit bench supply and have been running on the '01A...only getting abt 260 or so with this HB supply. Therefore the input pwr is now around 4w....it was at 6w. I also had to use a 12vac fil. xfmr, with (2) 1 ohm dropping resistors to get the tube fils. near 7.5vac. Anyway, it has a good tone so will probably use it some with plans to get a xfmr with a little higher secondary. The tubes aren 't quite period correct, but close enuf 'till something closer comes up.

73 de Bill K4JYS

10389. Re: [AWA Group] KC1BBC -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 22:22:21 UTC
From: ed ridolfi
Topic: 10383 Message: 10389

TY. Looking forward to my 1st build!

Ed Ridolfic:978.771.6537

On Wednesday, December 17, 2014 3:23 PM, "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Welcome, Ed. Thanks for joining. Lou VE3AWA
----- Original Message ----- From: 'Mike Feher' n4fs@... [AWAGroup] To: AWAGroup@yahoogroups.com Sent: 2014-12-17 3:12 PM Subject: [AWA Group] KC1BBC -
Please welcome Ed to the group. 73 – Mike Mike B. Feher, N4FS 89 Arnold Blvd. Howell, NJ, 07731 732-886-5960

10390. Re: [AWA Group] KC1BBC -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 22:27:13 UTC
From: Steve
Topic: 10383 Message: 10390

>Looking forward to my 1st build!

Build it and they will come :-)

...welcome to the best group on the web

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10391. Re: [AWA Group] '24 Meissner Pwr Supply

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 22:31:00 UTC
From: Louis Vermond
Topic: 10388 Message: 10391
Attachments: 1 described; binary payloads are missing from this source WARC

GA Bill and thanks for the news.

Lou, this is sorta directed at you. This is an update on a P/S for the '24
Meissner (160m) that we talked a bit abt, a few months ago. I found a
CX-316-B on ebay to go with one I already had (the tubes are half-wave).
I cobbled up a full wave supply with only one filter cap (10uf) and a bleeder
resistor. Like you, I've found that as far a quality of tone goes, a choke is unnecessary.
Surprised me...
The junk box xfmr does not quite have enuf voltage to give me 300
vdc, which is what I was using from a Heathkit bench supply and have been
running on the '01A...only getting abt 260 or so with this HB supply. Therefore
the input pwr is now around 4w....it was at 6w. I also had to use a 12vac fil.
xfmr, with (2) 1 ohm dropping resistors to get the tube fils. near 7.5vac.
Anyway, it has a good tone so will probably use it some with plans to get a
xfmr with a little higher secondary. The tubes aren't quite period correct, but
close enuf 'till
73 de Bill K4JYS

I found a CX-316-B on ebay... This? Wtever, nice "enuf"!

10392. Re: [AWA Group] KC1BBC -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 22:33:14 UTC
From: Louis Vermond
Topic: 10383 Message: 10392

Looking forward to my 1st build! What do you have in mind to build, Ed? Lou

10393. Re: [AWA Group] KC1BBC -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 22:34:46 UTC
From: Bill Stewart
Topic: 10383 Message: 10393

Welcome Ed. Keep us posted on the results of your 'solder-fumes' sniffing.
73 de Bill K4JYS

----- Original Message -----

From: "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, December 17, 2014 3:12:06 PM
Subject: [AWA Group] KC1BBC -

Please welcome Ed to the group. 73 – Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

10394. Re: [AWA Group] KC1BBC -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 22:49:23 UTC
From: Ed Ridolfi
Topic: 10383 Message: 10394

I like the Barracks Bag VFO rig from June 1947 QST. It's a simple Colpitt's w a 6L6.

But browsing the group docs sets me pining for a triode circuit, so maybe I'll modify the above.

Ed Ridolfi
c: 978.771.6537

> On Dec 17, 2014, at 17:33, Louis Vermond ldvermond@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> □
>
> Looking forward to my 1st build! What do you have in mind to build, Ed? Lou
>

10395. Re: [AWA Group] KC1BBC -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 23:29:57 UTC
From: K3PID
Topic: 10383 Message: 10395

Welcome Ed! This is a FB group!

Ron K3PID

10396. Re: [AWA Group] KC1BBC - and triode circuits

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 23:30:42 UTC
From: Louis Vermond
Topic: 10396 Message: 10396

But browsing the group docs sets me pining for a triode circuit, so maybe I'll modify the above.

Ed,

This site my help. 73, Lou

http://members.shaw.ca/ve7sl/tnt.html

10397. AWAGroup Quiz of the Day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-17 23:47:52 UTC
From: Louis Vermond
Topic: 10397 Message: 10397
Attachments: 1 described; binary payloads are missing from this source WARC

Who is this famous Radio Amateur?

1. N1BUG
2. N3IBX
3. 9CXX

10398. RE: [AWA Group] AWAGroup Quiz of the Day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 00:12:15 UTC
From: Mike Feher
Topic: 10397 Message: 10398
Attachments: 1 described; binary payloads are missing from this source WARC

Looks like Art. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 17, 2014 6:48 PM
To: AWAGroup
Subject: [AWA Group] AWAGroup Quiz of the Day

Who is this famous Radio Amateur?

1. N1BUG

2. N3IBX

3. 9CXX

10399. BK 1929 QSO Party Logs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 02:29:10 UTC
From: Whitebear1122
Topic: 10399 Message: 10399

>
> The Bruce Kelley 1929 QSO Party paper and email logs have started rolling in. I encourage you to please send in your log no matter how many or few contacts you've made. All your 29 friends enjoy seeing who participated and who you worked.
>
> I will acknowledge receipt of your emailed log separately via an email starting this weekend. I'm not feeling good right now so I'm hoping to start processing emails this weekend.
>
> It was a pleasure hearing you and hopefully working you in the BK 1929.
>
> 73, Scott WA9WFA / W2ICE/0

10400. Many thanks re monitor info

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 02:50:39 UTC
From: Ron Barlow
Topic: 10400 Message: 10400

Hello all!
Many, many thanks to all for the great info regarding the "monitor"!!
Yes Larry, you hit the nail on the head!
As Larry, Mike, and others mentioned, the regenerative receiver does indeed overload severely, when attempting to perform the frequency netting operation directly.
In addition, if the antenna impedance deviates from a 50 ohm, non reactive condition, the regen receiver and the Hartley transmitter are both subject to being pulled substantially off the frequency that they were set to, when connected to a dummy load (47 ohm 2 watt resistor).
I suspect that the rx would shift less than the tx, due to the fact that it is not coupled as tightly to the antenna. Nevertheless, it does shift.
Pruning the antenna more precisely to resonance would help, at least over a narrow freq range, and when the antenna is not wet or ice coated. However, I didn't have the time to do that, after re-erecting the antenna in its new location.
I intend to construct such a monitor, in time for the LC event, in January. I had to resort to an awkward, time consuming makeshift method, during the BK event.
I hope to "see" many of you, in the LC event!
Again, many thanks!!
73 de Ron n4gjv

10401. Re: [AWA Group] KC1BBC -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 02:57:20 UTC
From: Ron Barlow
Topic: 10383 Message: 10401

Welcome Ed! It's good to have you "aboard"!
73 de Ron n4gjv

On Wed, 12/17/14, 'Mike Feher' n4fs@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] KC1BBC -
To: AWAGroup@yahoogroups.com
Date: Wednesday, December 17, 2014, 3:12 PM

Please welcome Ed to the
group. 73 – Mike
 Mike B. Feher,
N4FS89 Arnold
Blvd.Howell, NJ,
07731732-886-5960

10402. Question on the LC event.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 05:26:14 UTC
From: Daniel Petersen
Topic: 10402 Message: 10402

Would an essentially exact replica of the English "Tinker Box" (~1939)
qualify as a "real" rig?

--

73,
Dan - W7OIL

10403. Re: [AWA Group] Question on the LC event.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 11:43:54 UTC
From: Louis Vermond
Topic: 10402 Message: 10403

...and what, is a Tinker Box? Photos pse... Lou

Would an essentially exact replica of the English "Tinker Box" (~1939) qualify as a "real" rig?

--

73,
Dan - W7OIL

10404. Re: [AWA Group] AWAGroup Quiz of the Day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 11:55:31 UTC
From: Louis Vermond
Topic: 10397 Message: 10404
Attachments: 1 described; binary payloads are missing from this source WARC

Mike wins!

----- Original Message -----
From: 'Mike Feher' n4fs@eozinc.com [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-12-17 7:12 PM
Subject: RE: [AWA Group] AWAGroup Quiz of the Day

Looks like Art. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 17, 2014 6:48 PM
To: AWAGroup
Subject: [AWA Group] AWAGroup Quiz of the Day

Who is this famous Radio Amateur?

1. N1BUG

2. N3IBX

3. 9CXX

10405. Re: [AWA Group] Regen receiver operating aid [4 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 12:06:59 UTC
From: Louis Vermond
Topic: 10371 Message: 10405
Attachments: 1 described; binary payloads are missing from this source WARC

A face only a collector could love. It's beautiful...

10406. Re: [AWA Group] AWAGroup Quiz of the Day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 12:46:41 UTC
From: Larry Szendrei
Topic: 10397 Message: 10406

On 12/17/14 6:47 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> Who is this famous Radio Amateur?
> 1. N1BUG
> 2. N3IBX
> 3. 9CXX
>
Not N1BUG - As far as I know, he doesn't have any "classic" amateur gear; plus I know what he looks like and he's younger. And definitely not N3IBX - there's no radios stacked on the floor with only corridors in which to move about ;-)

That leaves, by process of elimination, 9CXX.

73,
-Larry/NE1S

10407. Re: [AWA Group] AWAGroup Quiz of the Day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 14:11:52 UTC
From: Louis Vermond
Topic: 10397 Message: 10407

Amazing...

----- Original Message -----
From: Larry Szendrei ne1s@securespeed.us [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-12-18 7:46 AM
Subject: Re: [AWA Group] AWAGroup Quiz of the Day

On 12/17/14 6:47 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:

Who is this famous Radio Amateur?

1. N1BUG
2. N3IBX
3. 9CXX

Not N1BUG - As far as I know, he doesn't have any "classic" amateur gear; plus I know what he looks like and he's younger. And definitely not N3IBX - there's no radios stacked on the floor with only corridors in which to move about ;-)

That leaves, by process of elimination, 9CXX.

73,
-Larry/NE1S

10408. silver micas Wanted ...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 14:24:46 UTC
From: Louis Vermond
Topic: 10408 Message: 10408

Want to build an 80 metre band pass filtre using silver mica capacitors. No luck web finding the required values.

Does anyone have:

2- 820 pfd. all 500V
1- 1500 pfd.
or
4- 850 pfd.

Thanks, Lou

10409. Re: [AWA Group] silver micas Wanted ...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 15:13:40 UTC
From: Roger Kuchera
Topic: 10408 Message: 10409

Hi Lou,
Can you provide a representative pix of what you want?

Roger.

On Thursday, December 18, 2014 9:24 AM, "Louis Vermond ldvermond@sympatico.ca [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Want to build an 80 metre band pass filtre using silver
mica capacitors. No luck web finding the required values.

Does anyone have:

2- 820 pfd. all 500V
1- 1500 pfd.
or
4- 850 pfd.

Thanks, Lou

10410. Re: [AWA Group] silver micas Wanted ...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 15:30:36 UTC
From: Louis Vermond
Topic: 10408 Message: 10410
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Lou,
Can you provide a representative pix of what you want?

Roger.

Tks Roger.

I have the box, connectors, L mtr so can to wind my own and the motivation...

On Thursday, December 18, 2014 9:24 AM, "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Want to build an 80 metre band pass filtre using silver mica capacitors. No luck web finding the required values.

Does anyone have:

2- 820 pfd. all 500V
1- 1500 pfd.
or
4- 850 pfd.

Thanks, Lou

10411. Re: [AWA Group] AWAGroup Quiz of the Day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 15:44:23 UTC
From: Larry Szendrei
Topic: 10397 Message: 10411

By the way... wasn't it (W)_*0*_CXX, or was that later on?

On 12/18/14 9:11 AM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> Amazing...
>
> ----- Original Message -----
> *From:* Larry Szendrei ne1s@... [AWAGroup]
> <mailto:ne1s@...%20[AWAGroup]>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* 2014-12-18 7:46 AM
> *Subject:* Re: [AWA Group] AWAGroup Quiz of the Day
>
> On 12/17/14 6:47 PM, Louis Vermond ldvermond@...
> [AWAGroup] wrote:
>> Who is this famous Radio Amateur?
>> 1. N1BUG
>> 2. N3IBX
>> 3. 9CXX
>>
> Not N1BUG - As far as I know, he doesn't have any "classic"
> amateur gear; plus I know what he looks like and he's younger. And
> definitely not N3IBX - there's no radios stacked on the floor with
> only corridors in which to move about ;-)
>
> That leaves, by process of elimination, 9CXX.
>
> 73,
> -Larry/NE1S
>
>

10412. AWAGroup Quiz of the Day & Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 15:53:49 UTC
From: Louis Vermond
Topic: 10412 Message: 10412
Attachments: 1 described; binary payloads are missing from this source WARC

http://rockwellcollinsmuseum.org/aa_collins/aac_story.php

10413. Re: [AWA Group] AWAGroup Quiz of the Day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 16:22:04 UTC
From: N1BUG
Topic: 10397 Message: 10413

Not N1BUG - As far as I know, he doesn't have any "classic" amateur gear
Correct, though he wishes he did.
He also wishes he had that much space for radio gear!

plus I know what he looks like
Sorry, Larry.

Bugsy

10414. Re: [AWA Group] Question on the LC event.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 18:08:25 UTC
From: Daniel Petersen
Topic: 10402 Message: 10414
Attachments: 3 described; binary payloads are missing from this source WARC

Tinker Box - Used by the british military and diplomatic service during WW2. The name refers to the prototype being housed in a tinker's toolbox.
73,
Dan - W7OIL

Photo of an original:

On Thu, Dec 18, 2014 at 3:43 AM, Louis Vermond ldvermond@...
[AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
>
>
> □
> ...and what, is a Tinker Box? Photos pse... Lou
>
> Would an essentially exact replica of the English "Tinker Box" (~1939)
> qualify as a "real" rig?
>
> --
>
> 73,
> Dan - W7OIL
>
>
>

--

73,
Dan - W7OIL

10415. Silver mica caps

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 18:21:46 UTC
From: Daniel Petersen
Topic: 10415 Message: 10415

Lou, I have a "sharable" quantity of the following:
300pF
560pF
620pF &
1100pF
all 500v SM.
If you can "parallel-up" any of those values, let me know.

--

73,
Dan - W7OIL
Vancouver, WA (The Yank Vancouver!) 8^)

10416. Re: [AWA Group] silver micas Wanted ...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 18:26:17 UTC
From: N1BUG
Topic: 10408 Message: 10416

I checked my stock and don't have those values.

If you don't find them from one of us, they are readily available from the big online parts vendors (Mouser, Newark, Digi-Key, ...) though not cheap at $3 or $4 each.

Paul

On 12/18/2014 09:24 AM, Louis Vermond ldvermond@... [AWAGroup] wrote:

Want to build an 80 metre band pass filtre using silver mica capacitors. No luck web finding the required values.

?

Does anyone?have:

?

2- 820 pfd. all 500V

1- 1500 pfd.?

? or

4- 850 pfd.

?

Thanks, Lou

10417. Re: [AWA Group] Question on the LC event.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 18:28:52 UTC
From: Larry Szendrei
Topic: 10402 Message: 10417

On 12/18/14 1:08 PM, Daniel Petersen dan.w7oil@... [AWAGroup] wrote:
> Tinker Box - Used by the british military and diplomatic service
> during WW2. The name refers to the prototype being housed in a
> tinker's toolbox.
> 73,
> Dan - W7OIL
>
Very nice job, Dan.

6V6/807 MOPA?

Looks like the knobs on the upper right panel of the original may have
been made by National.

To answer the original question wrt the LC, "of course!"

73,
-Larry/NE1S

10418. Re: AWAGroup Quiz of the Day & Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 18:58:31 UTC
From: dulmagedon@...
Topic: 10412 Message: 10418

In the 50s Collins Radio opened a division Known as Collins Radio of Canada on Burmonsey Rd in Scarborough Ontario. They had the contract for the radios for the AVRO ARROW and the "Gas Can Radio for the Voodoo Fighter jets(ARC552). This relationship was closely watched by Art C hisself . They hired a young Radio Design Engineer away for GE of Canada for these projects. That man was my Father Harry B Dulmage P Eng still living at 91 years old and I got my interest I Radio from him. I used to know most of the engineers and techs at Collins Canada even after it be came Rockwell till it was closed. (I could probably still name most of them. Dad used to fly to Cedar Rapids often on business trips. First in Collins Company Beechcraft and later in commercial planes like some of the first Viscounts. Dad was lad when the went to commercial airlines .I remember him telling me after a trip there and back in the Beechcraft it took about a week for his teeth to stop rattling. Dad had told me Arthur would sometimes operate Air mobile and they would pick him up on a rig they had at the Burmonsey road plant. For you VEs who have been in and round TO the plant was at the end or curve of the road . Peak Freans Cookies was on the corner and Snap On tools about half way around on the same side . Every Friday when I go to play at my local country Jam on of the techs who worked there when Dad did is there playing guitar. He must be close to 90 as well. When we started Certellecom Labs (now owned by Nemco in Norway) we bought the shaker table and two environmental labs plus a portable Farady room from Rockwell as they were still there from these old military contracts and were "like new" When my older brother and I picked them up in a rental truck about 1/2 dozen of the old crew who worked with Dad and had seen us boys on Sat mornings if Dad was in to shutting down a TX/ RX test sequence or something which was quite often , came out to see us telling us they remembered us when we 6 and 7 years old. Collins was very good to their empolyees. Dad quit more because of the Arrow cancellation then anything although he did stay to finish the Voodooo Gas can radios. Collins paid Dad to go to Lockheed at the beginning of the project for the Voodoo Radios to map out the radio size and panel location. It was a rush job so they paid for him to take holidays each way and take the whole family.(My Mom and five boys!) A week down a week there and a week home. Not many companies would have done that for an employee and his family. Not then and certainly not now. Never heard Dad saying anything but good stuff about Arthur Collins. Even now.
don

10419. Re: [AWA Group] Question on the LC event.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 19:05:50 UTC
From: Daniel Petersen
Topic: 10402 Message: 10419

National knobs were readily available at that time. My unit has replica knobs but I could use originals out of my stock. You are right about the MOPA tubes (6V6/807)
And thanks for the affirmitive answer.
73,
Dan - W7OIL

On Thu, Dec 18, 2014 at 10:28 AM, Larry Szendrei ne1s@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
>
> On 12/18/14 1:08 PM, Daniel Petersen dan.w7oil@... [AWAGroup] wrote:
>
>
> Tinker Box - Used by the british military and diplomatic service during
> WW2. The name refers to the prototype being housed in a tinker's toolbox.
> 73,
> Dan - W7OIL
>
> Very nice job, Dan.
>
> 6V6/807 MOPA?
>
> Looks like the knobs on the upper right panel of the original may have
> been made by National.
>
> To answer the original question wrt the LC, "of course!"
>
> 73,
> -Larry/NE1S
>
>
>

--

73,
Dan - W7OIL

10420. Re: [AWA Group] silver micas Wanted ... Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 19:08:51 UTC
From: Louis Vermond
Topic: 10420 Message: 10420

Thank you all. I'll reply in full in a bit, but first...

These caps are available in 1, 2 & 5% tolerances. Which % is necessary for half-wave band-pass filtre circuits? Lou

10421. Re: [AWA Group] Question on the LC event.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 19:42:39 UTC
From: Louis Vermond
Topic: 10402 Message: 10421
Attachments: 3 described; binary payloads are missing from this source WARC

Wonderful job, Dan in all respects. Thank you. Lou

----- Original Message -----
From: Daniel Petersen dan.w7oil@... [AWAGroup]
To: awagroup
Sent: 2014-12-18 1:08 PM
Subject: Re: [AWA Group] Question on the LC event.

Tinker Box - Used by the british military and diplomatic service during WW2. The name refers to the prototype being housed in a tinker's toolbox.
73,
Dan - W7OIL

Photo of an original:

On Thu, Dec 18, 2014 at 3:43 AM, Louis Vermond ldvermond@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

☐

...and what, is a Tinker Box? Photos pse... Lou

Would an essentially exact replica of the English "Tinker Box" (~1939) qualify as a "real" rig?

--

73,
Dan - W7OIL

--

73,
Dan - W7OIL

10422. Regen spotting

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 20:01:15 UTC
From: dulmagedon@...
Topic: 10422 Message: 10422

I use a different method for regen spotting but it s for a rockbound rig HOWEVER this got me thinking. In one of the old Radio Handbooks 1940 there is a 15 watt VFO . I have stolen many pieces of that design and had noticed there is a circuit in there for rx spotting right in the build. I don't have it front of me but it seems there was a switch called Rx spotting the switched a 225K resistance into the B + line killing the transmitters output to a mere whisper so it would drown the rx. SO Ifred up my Hartley with a dummy load attached and began adding resistors to the B circuit - (Across the key line if you must know.) At 100K the Tx still keyed but output was low, very low and there was no sign of any bulb lighting on the dummy load. The freq being monitored on a digital Rx hadn't changed a noticeable amount but the strength was greatly reduced. I don't know but suspect that each TX has its own minimum spot . Obviously mine will probably go lower. Seeing as how I use a low power osc to spot with a crystal for crystal rig ops I know that a very low power osc does a fine job of spotting a regen. I intend to explore it further.
don

10423. Re: [AWA Group] Re: AWAGroup Quiz of the Day & Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 21:05:35 UTC
From: Eddy Swynar
Topic: 10412 Message: 10423

Hi Don,

I started work in an outfit called "TRENCH ELECTRIC" on Midwest Road in Scarborough in February 1975, & the newly-minted Prez of the company had just come over from Collins at that time...!

At lunch I used to take the occasional drive down to the Collins facility in those days in my '69 Beaumont, & just gaze at the place, with visions of S-Lines dancing inside my head...!

~73~ de Eddy VE3CUI - VE3XZ

On 2014-12-18, at 1:58 PM, dulmagedon@... [AWAGroup] wrote:

>
> In the 50s Collins Radio opened a division Known as Collins Radio of Canada on Burmonsey Rd in Scarborough Ontario. They had the contract for the radios for the AVRO ARROW and the "Gas Can Radio for the Voodoo Fighter jets(ARC552). This relationship was closely watched by Art C hisself . They hired a young Radio Design Engineer away for GE of Canada for these projects. That man was my Father Harry B Dulmage P Eng still living at 91 years old and I got my interest I Radio from him. I used to know most of the engineers and techs at Collins Canada even after it be came Rockwell till it was closed. (I could probably still name most of them. Dad used to fly to Cedar Rapids often on business trips. First in Collins Company Beechcraft and later in commercial planes like some of the first Viscounts. Dad was lad when the went to commercial airlines .I remember him telling me after a trip there and back in the Beechcraft it took about a week for his teeth to stop rattling. Dad had told me Arthur would sometimes operate Air mobile and they would pick him up on a rig they had at the Burmonsey road plant. For you VEs who have been in and round TO the plant was at the end or curve of the road . Peak Freans Cookies was on the corner and Snap On tools about half way around on the same side . Every Friday when I go to play at my local country Jam on of the techs who worked there when Dad did is there playing guitar. He must be close to 90 as well. When we started Certellecom Labs (now owned by Nemco in Norway) we bought the shaker table and two environmental labs plus a portable Farady room from Rockwell as they were still there from these old military contracts and were "like new" When my older brother and I picked them up in a rental truck about 1/2 dozen of the old crew who worked with Dad and had seen us boys on Sat mornings if Dad was in to shutting down a TX/ RX test sequence or something which was quite often , came out to see us telling us they remembered us when we 6 and 7 years old. Collins was very good to their empolyees. Dad quit more because of the Arrow cancellation then anything although he did stay to finish the Voodooo Gas can radios. Collins paid Dad to go to Lockheed at the beginning of the project for the Voodoo Radios to map out the radio size and panel location. It was a rush job so they paid for him to take holidays each way and take the whole family.(My Mom and five boys!) A week down a week there and a week home. Not many companies would have done that for an employee and his family. Not then and certainly not now. Never heard Dad saying anything but good stuff about Arthur Collins. Even now.
>

> don
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>

10424. Re: [AWA Group] Re: AWAGroup Quiz of the Day & Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 22:34:03 UTC
From: Louis Vermond
Topic: 10412 Message: 10424

You should have gone in, Eddy. Their library had bound copies of QST from 1920 up. I worked a short walk away and would spend my lunch hour there reading. Lou

10425. Silver Mica Caps for 80 M Filter...Thanks

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 22:56:57 UTC
From: Louis Vermond
Topic: 10425 Message: 10425
Attachments: 1 described; binary payloads are missing from this source WARC

Joe, Thank you for leading me to both those sites. too. Very helpful for this and future projects.

BTW Where did you go Sunday afternoon?

Thanks, Dan for the offer. Let's see how things go. Will let you know.

... though not cheap at $3 or $4 each. Paul, If your going into production, no.

73, Lou

I checked my junk box and don't have those values. I see that "just radio's" up by you seems to have a large selection with the values and voltage ranges you are looking for. Mite be worth a look see:
500 Volt and 1000 Volt Silver Mica Capacitors - on sale
Surplus Sales has them too but they are pricey:
Micas, Dipped Radial - 300pF to 60,000pF

Good luck in your search

73 and Merry Xmas,

Joe N2OUV

Lou, I have a "sharable" quantity of the following:
300pF
560pF
620pF &
1100pF
all 500v SM.
If you can "parallel-up" any of those values, let me know.

-- 73, Dan - W7OIL

I checked my stock and don't have those values.

If you don't find them from one of us, they are readily available from the big online parts vendors (Mouser, Newark, Digi-Key, ...) though not cheap at $3 or $4 each.

Paul

10426. Re: [AWA Group] Re: AWAGroup Quiz of the Day & Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 23:31:59 UTC
From: Eddy Swynar
Topic: 10412 Message: 10426

On 2014-12-18, at 5:34 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:

>
> You should have gone in, Eddy. Their library had bound copies of QST from 1920 up. I worked a short walk away and would spend my lunch hour there reading. Lou
>

Hi Lou,

I had no idea that they would have welcomed me like that...in hindsight, you're right: I shoulda stayed!

~73~ de Eddy VE3CUI - VE3XZ

10427. Re: [AWA Group] Re: AWAGroup Quiz of the Day & Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-18 23:48:33 UTC
From: Eddy Swynar
Topic: 10412 Message: 10427

On 2014-12-18, at 4:05 PM, Eddy Swynar wrote:

> Hi Don,
>
> I started work in an outfit called "TRENCH ELECTRIC" on Midwest Road in Scarborough in February 1975, & the newly-minted Prez of the company had just come over from Collins at that time...!
>
> At lunch I used to take the occasional drive down to the Collins facility in those days in my '69 Beaumont, & just gaze at the place, with visions of S-Lines dancing inside my head...!
>
> ~73~ de Eddy VE3CUI - VE3XZ
>

Hi Don,

The transplant from Collins was a guy whose last name was MONTGOMERY, if memory serves me well...

Ring any "...Collins bells" with you, from the early / mid 70's...?

~73~ de Eddy VE3CUI - VE3XZ

10428. Chicken Marconi

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 00:41:31 UTC
From: Louis Vermond
Topic: 10428 Message: 10428
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

10429. Re: [AWA Group] Re: AWAGroup Quiz of the Day & Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 03:03:45 UTC
From: dulmagedon@...
Topic: 10412 Message: 10429

No but my memories are somewhat older. Dad's boss was JP Jocoletto. Engineers were paired with a electronic technician. Dad's was a genius named Dan Fletcher. Dad told me once Dan had 17 patents just on the Arrow radio project alone. Mechanical devices many. His daughter many will know because she sold the Lela Fletcher Piano books many music teachers used. In the 50s one evening I was at Dan's house with dad and he showed us a TRANSISTORIZED organ he had made and demonstrated that. He was also I believe the first pilot in Canada ever licensed wearing glasses. It was one of his missions in life to become a pilot and that was an obstacle which he worked unceasingly to get rid of and eventually succeeded. An engineer who worked closely with dad and was a friend was Floyd Rodin. He passed away a few year back but lived near us in Stouffville (we lived in Altona) so whenever practical the two of them rode to work together. Floyd's Electronic tech was Don Thompson who I see at the Fri morning jams in Stockdale. I asked him what he did once and he told me he worked for Rockwell. I made that Collins and he said well yes. When I told him who my Dad was he said he had wondered because our name Dulmage is unusual being the englishized spelling of Dolmetsch and not often seen. Werner Kabalca was another I met. More will come to me. Dad was heart broken when the Arrow was cancelled. The Arrow radio had over 400 channels with a synthizied front end of sorts. Previously 9 channels was normal. It flew around for about a year and then , well you VE guys know! Dad designed the Voodoo radio but he wasn't the same. The drive, the spark, the excitement was gone and never returned One day he quit. I asked him why because I knew he had loved his job and the people he worked with a for. He told me about the radio and its unusual design and said to do all that and then have some idiot in government cancel and scrap it in one moment of stupidity was more then he could handle. He never again worked for any company doing military contracts. We left that area in 1962 so that must be when he quit. I was 12 years old then. He went on to be chief Engineer at MEL in Arnprior but I think it lacked the challenge so he became chief Engineer of Pye Electronics Canadian division in Montreal. After a decent career there he used his scholarships previously earned and his veterans' benefits from WW2 (He was an instructor at No1 Wireless school during the war. Radio was his life even as kid) and added an MBA to his list of University degrees. He stated his own consulting company and eventually with me as a director and share holder Certellecom Labs. The first ever approved EMI test lab in Canada. I asked him once when life was best and he said without hesitation during the Arrow project at Collins. He said Arthur told him and his team to spare no expense. "Make sure that is the best ever built. Cut no corners and don't skimp on materials." I know a bit more about both those projects but if told it all they might have to kill me ;>)
He still speaks of anything Collins with reverence. Sorry but it brought back a whole flood of memories for me.
69 Chevelle ? Cars are my other hobby and were my living for many years.

10430. Re: [AWA Group] Re: AWAGroup Quiz of the Day & Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 04:15:48 UTC
From: Leonard Meek
Topic: 10412 Message: 10430

You have an interesting history, Don.

Leonard

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Thursday, December 18, 2014 5:03 PM
Subject: Re: [AWA Group] Re: AWAGroup Quiz of the Day & Larry

No but my memories are somewhat older. Dad's boss was JP Jocoletto. Engineers were paired with a electronic technician. Dad's was a genius named Dan Fletcher. Dad told me once Dan had 17 patents just on the Arrow radio project alone. Mechanical devices many. His daughter many will know because she sold the Lela Fletcher Piano books many music teachers used. In the 50s one evening I was at Dan's house with dad and he showed us a TRANSISTORIZED organ he had made and demonstrated that. He was also I believe the first pilot in Canada ever licensed wearing glasses. It was one of his missions in life to become a pilot and that was an obstacle which he worked unceasingly to get rid of and eventually succeeded. An engineer who worked closely with dad and was a friend was Floyd Rodin. He passed away a few year back but lived near us in Stouffville (we lived in Altona) so whenever practical the two of them rode to work together. Floyd's Electronic tech was Don Thompson who I see at the Fri morning jams in Stockdale. I asked him what he did once and he told me he worked for Rockwell. I made that Collins and he said well yes. When I told him who my Dad was he said he had wondered because our name Dulmage is unusual being the englishized spelling of Dolmetsch and not often seen. Werner Kabalca was another I met. More will come to me. Dad was heart broken when the Arrow was cancelled. The Arrow radio had over 400 channels with a synthizied front end of sorts. Previously 9 channels was normal. It flew around for about a year and then , well you VE guys know! Dad designed the Voodoo radio but he wasn't the same. The drive, the spark, the excitement was gone and never returned One day he quit. I asked him why because I knew he had loved his job and the people he worked with a for. He told me about the radio and its unusual design and said to do all that and then have some idiot in government cancel and scrap it in one moment of stupidity was more then he could handle. He never again worked for any company doing military contracts. We left that area in 1962 so that must be when he quit. I was 12 years old then. He went on to be chief Engineer at MEL in Arnprior but I think it lacked the challenge so he became chief Engineer of Pye Electronics Canadian division in Montreal. After a decent career there he used his scholarships previously earned and his veterans' benefits from WW2 (He was an instructor at No1 Wireless school during the war. Radio was his life even as kid) and added an MBA to his list of University degrees. He stated his own consulting company and eventually with me as a director and share holder Certellecom Labs. The first ever approved EMI test lab in Canada. I asked him once when life was best and he said without hesitation during the Arrow project at Collins. He said Arthur told him and his team to spare no expense. "Make sure that is the best ever built. Cut no corners and don't skimp on materials." I know a bit more about both those projects but if told it all they might have to kill me ;>)

He still speaks of anything Collins with reverence. Sorry but it brought back a whole flood of memories for me.

69 Chevelle ? Cars are my other hobby and were my living for many years.

10431. Re: [AWA Group] AWAGroup Quiz of the Day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 05:48:16 UTC
From: Roger Kuchera
Topic: 10397 Message: 10431

9CXX

On Thursday, December 18, 2014 11:28 AM, "N1BUG paul@... [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:

Not N1BUG - As far as I know, he doesn't have any "classic" amateur
gear
Correct, though he wishes he did.
He also wishes he had that much space for radio gear!

plus I know what he looks like
Sorry, Larry.

Bugsy

10432. Re: [AWA Group] silver micas Wanted ... Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 05:52:26 UTC
From: Roger Kuchera
Topic: 10420 Message: 10432

If I knew what in the world a "filtre" was, I might be able to help.

R.

On Thursday, December 18, 2014 2:12 PM, "Louis Vermond ldvermond@sympatico.ca [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Thank you all. I'll reply in full in a bit, but
first...

These caps are available in 1, 2 & 5% tolerances.
Which % is necessary for half-wave band-pass filtre circuits?
Lou

10433. Re: [AWA Group] silver micas Wanted ... Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 12:36:34 UTC
From: Louis Vermond
Topic: 10420 Message: 10433

If I knew what in the world a "filtre" was, I might be able to help. Sri... That's the correct spelling of, 'filter'.

10434. Re: [AWA Group] Re: AWAGroup Quiz of the Day & Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 12:40:15 UTC
From: Louis Vermond
Topic: 10412 Message: 10434

We should have asked for a job!!

----- Original Message -----
From: Eddy Swynar deswynar@... [AWAGroup]
To: AWAGroup@...m
Sent: 2014-12-18 6:31 PM
Subject: Re: [AWA Group] Re: AWAGroup Quiz of the Day & Larry

On 2014-12-18, at 5:34 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:

You should have gone in, Eddy. Their library had bound copies of QST from 1920 up. I worked a short walk away and would spend my lunch hour there reading. Lou

Hi Lou,

I had no idea that they would have welcomed me like that...in hindsight, you're right: I shoulda stayed!

~73~ de Eddy VE3CUI - VE3XZ

10435. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 13:10:37 UTC
From: Louis Vermond
Topic: 130 Message: 10435

http://www.ebay.com/itm/NOS-General-Electric-Type-81-Half-Wave-Rectifier-Radio-Vacuum-Tube-/301414738256?pt=LH_DefaultDomain_0&hash=item462db7e950

10436. Re: [AWA Group] Re: AWAGroup Quiz of the Day & Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 13:17:08 UTC
From: Eddy Swynar
Topic: 10412 Message: 10436

On 2014-12-19, at 7:40 AM, Louis Vermond ldvermond@... [AWAGroup] wrote:

>
> We should have asked for a job!!
>
>

> Hi Lou,

Right you are...!

But I was all of a fresh 23 years of age at the time, & my gig at Trench Electric was my first real full-time job after university.

Still, you've gotta wonder...

~73~ de Eddy VE3CUI - VE3XZ
>
>
>

10437. Re: [AWA Group] Re: AWAGroup Quiz of the Day & Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 14:38:08 UTC
From: Louis Vermond
Topic: 10412 Message: 10437

Right you are...!

Well, I did go on to Hammond Mfg and that experience was no slouch. Old good days...

10438. RE: [AWA Group] silver micas Wanted ... Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 17:09:23 UTC
From: Mike Feher
Topic: 10420 Message: 10438

Our silver micas were intended to work in filters. I am not sure they will work in a filter. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, December 19, 2014 7:37 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] silver micas Wanted ... Question

☐

If I knew what in the world a "filtre" was, I might be able to help. Sri... That's the correct spelling of, 'filter'.

10439. Re: [AWA Group] silver micas Wanted ... Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 17:19:43 UTC
From: Louis Vermond
Topic: 10420 Message: 10439

Our silver micas were intended to work in filters. I am not sure they will work in a filter. 73 - Mike Groner...

10440. RE: [AWA Group] silver micas Wanted ... Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 17:20:13 UTC
From: Mike Feher
Topic: 10420 Message: 10440

The last word in the last sentence was supposed to be filtre. My computer did not even recognize what it was, so, it auto corrected. Ey -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, December 19, 2014 12:09 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] silver micas Wanted ... Question

Our silver micas were intended to work in filters. I am not sure they will work in a filter. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, December 19, 2014 7:37 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] silver micas Wanted ... Question

☐

If I knew what in the world a "filtre" was, I might be able to help. Sri... That's the correct spelling of, 'filter'.

10441. Re: [AWA Group] silver micas Wanted ... Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 17:30:55 UTC
From: Louis Vermond
Topic: 10420 Message: 10441

I read it as meant. I know you.... :0)

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-12-19 12:20 PM
Subject: RE: [AWA Group] silver micas Wanted ... Question

The last word in the last sentence was supposed to be filtre. My computer did not even recognize what it was, so, it auto corrected. Ey -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, December 19, 2014 12:09 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] silver micas Wanted ... Question

Our silver micas were intended to work in filters. I am not sure they will work in a filter. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, December 19, 2014 7:37 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] silver micas Wanted ... Question

□

If I knew what in the world a "filtre" was, I might be able to help. Sri... That's the correct spelling of, 'filter'.

10442. Tube Wanted

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 17:34:20 UTC
From: Louis Vermond
Topic: 10442 Message: 10442

Hello,

Does anyone here have a very good UX-271A for sale or generous trade?

Lou

10443. RE: [AWA Group] silver micas Wanted ... Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 17:34:35 UTC
From: Mike Feher
Topic: 10420 Message: 10443

Do you have a schematic of what you are trying to build? I am certain I have those caps. – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, December 19, 2014 12:31 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] silver micas Wanted ... Question

☐

I read it as meant. I know you.... :0)

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup] <mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2014-12-19 12:20 PM

Subject: RE: [AWA Group] silver micas Wanted ... Question

The last word in the last sentence was supposed to be filtre. My computer did not even recognize what it was, so, it auto corrected. Ey -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, December 19, 2014 12:09 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] silver micas Wanted ... Question

Our silver micas were intended to work in filters. I am not sure they will work in a filter. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, December 19, 2014 7:37 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] silver micas Wanted ... Question

□

If I knew what in the world a "filtre" was, I might be able to help. Sri... That's the correct spelling of, 'filter'.

10444. Re: [AWA Group] silver micas Wanted ... Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 17:58:17 UTC
From: Louis Vermond
Topic: 10420 Message: 10444

I do, but not digital. I'm working on that. I have two 1/2 wave filt ok...er ckts to work from. Want to run thru the merits of each before building. This project is very much in the running, but will hold back until I know which to build. Tks, but pse QRX...

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-12-19 12:34 PM
Subject: RE: [AWA Group] silver micas Wanted ... Question

Do you have a schematic of what you are trying to build? I am certain I have those caps. – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, December 19, 2014 12:31 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] silver micas Wanted ... Question

☐

I read it as meant. I know you.... :0)

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup]

To: AWAGroup@yahoogroups.com

Sent: 2014-12-19 12:20 PM

Subject: RE: [AWA Group] silver micas Wanted ... Question

The last word in the last sentence was supposed to be filtre. My computer did not even recognize what it was, so, it auto corrected. Ey -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, December 19, 2014 12:09 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] silver micas Wanted ... Question

Our silver micas were intended to work in filters. I am not sure they will work in a filter. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, December 19, 2014 7:37 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] silver micas Wanted ... Question

□

If I knew what in the world a "filtre" was, I might be able to help. Sri... That's the correct spelling of, 'filter'.

10445. RE: [AWA Group] silver micas Wanted ... Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 18:03:08 UTC
From: Mike Feher
Topic: 10420 Message: 10445

I was just wondering. I do not know the parameters you are trying to achieve with the filter. Like, passband width, stopband rejection, and so forth. Whenever I need a filter I design an Elliptic (Cauer), using the table of normalized element values. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, December 19, 2014 12:58 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] silver micas Wanted ... Question

☐

I do, but not digital. I'm working on that. I have two 1/2 wave filt ok...er ckts to work from. Want to run thru the merits of each before building. This project is very much in the running, but will hold back until I know which to build. Tks, but pse QRX...

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup] <mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@...m

Sent: 2014-12-19 12:34 PM

Subject: RE: [AWA Group] silver micas Wanted ... Question

Do you have a schematic of what you are trying to build? I am certain I have those caps. – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, December 19, 2014 12:31 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] silver micas Wanted ... Question

☐

I read it as meant. I know you.... :0)

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup] <mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2014-12-19 12:20 PM

Subject: RE: [AWA Group] silver micas Wanted ... Question

The last word in the last sentence was supposed to be filtre. My computer did not even recognize what it was, so, it auto corrected. Ey -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, December 19, 2014 12:09 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] silver micas Wanted ... Question

Our silver micas were intended to work in filters. I am not sure they will work in a filter. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, December 19, 2014 7:37 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] silver micas Wanted ... Question

☐

If I knew what in the world a "filtre" was, I might be able to help. Sri... That's the correct spelling of, 'filter'.

10446. Tube Wanted...Correction

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 18:09:06 UTC
From: Louis Vermond
Topic: 10446 Message: 10446

Does anyone here have a very good UX-271A for sale or generous trade?

If anyone does have a 201A I would be very generous. Perhaps a UX-171A would be more likley? Lou

10447. RE: [AWA Group] Tube Wanted...Correction

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 18:13:46 UTC
From: Mike Feher
Topic: 10446 Message: 10447

What is wrong with eBay? That is where I get the stuff I need, and, a lot more that I do not need. Seeing as you sell on it, you certainly are familiar with it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, December 19, 2014 1:09 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Tube Wanted...Correction

Does anyone here have a very good UX-271A for sale or generous trade?

If anyone does have a 201A I would be very generous. Perhaps a UX-171A would be more likley? Lou

10448. RE: [AWA Group] Tube Wanted...Correction

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 18:18:51 UTC
From: barry whittemore
Topic: 10446 Message: 10448

i have a ux-171. it is on my list and it tested good. i can dig it out and get info.

not sure what shipping will be.
barry
nf1o

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Fri, 19 Dec 2014 13:09:06 -0500
Subject: [AWA Group] Tube Wanted...Correction

Does anyone here have a very good UX-271A for sale or generous
trade?

If anyone does have a 201A I would be
very generous. Perhaps a UX-171A would be more likley?
Lou

10449. Re: [AWA Group] Tube Wanted...Correction

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 18:21:22 UTC
From: Louis Vermond
Topic: 10446 Message: 10449

What is wrong with eBay? That is where I get the stuff I need, and, a lot more that I do not need. Seeing as you sell on it, you certainly are familiar with it. 73 - Mike

What is wrong with eBay? Generally a lot, but in this case, nothing. I've looked and 171As are plentiful at (somewhat) affordable prices, but... If I could do someone here a favour by them doing me one, I'd rather.

10450. Re: [AWA Group] Tube Wanted...Correction

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 18:23:03 UTC
From: Louis Vermond
Topic: 10446 Message: 10450

Thank you, Barry. Please do... Lou
Ldvermond@...

----- Original Message -----
From: barry whittemore wb1edi@... [AWAGroup]
To: awa
Sent: 2014-12-19 1:18 PM
Subject: RE: [AWA Group] Tube Wanted...Correction

i have a ux-171. it is on my list and it tested good. i can dig it out and get info.

not sure what shipping will be.
barry
nf1o

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Fri, 19 Dec 2014 13:09:06 -0500
Subject: [AWA Group] Tube Wanted...Correction

Does anyone here have a very good UX-271A for sale or generous trade?

If anyone does have a 201A I would be very generous. Perhaps a UX-171A would be more likley? Lou

10451. Re: [AWA Group] Tube Wanted...Correction

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 18:35:44 UTC
From: N1BUG
Topic: 10446 Message: 10451

What is wrong with eBay? Generally?a lot, but in this case, nothing. I've looked and 171As are plentiful at (somewhat) affordable prices, but... If I could do someone here a favour by them doing me one, I'd rather.

I for one like seeing such offers/requests here. I can't spend a fortune on this stuff but there are still parts I need or want for some projects. Sooner or later a favorable trade offer may come along, as I have some parts that I'm probably not going to use.

In this case, I can't help. The closest I have is a Majestic G-71-A (UX-171A equivalent) of unknown age and condition (other than it seemed to work FB in the TNT)

Paul

10452. RE: [AWA Group] Tube Wanted...Correction

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 18:55:31 UTC
From: barry whittemore
Topic: 10446 Message: 10452

i sent a pic of it lou to your home email
barry

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Fri, 19 Dec 2014 13:23:03 -0500
Subject: Re: [AWA Group] Tube Wanted...Correction

Thank you, Barry. Please do... Lou
Ldvermond@sympatico.ca

----- Original Message -----
From:
barry whittemore
wb1edi@... [AWAGroup]
To: awa
Sent: 2014-12-19 1:18 PM
Subject: RE: [AWA Group] Tube
Wanted...Correction

i have a ux-171. it is on my list and it tested good. i can dig
it out and get info.

not sure what shipping will
be.
barry
nf1o

To: AWAGroup@yahoogroups.com
From:
AWAGroup@yahoogroups.com
Date:
Fri, 19 Dec 2014 13:09:06 -0500
Subject: [AWA Group] Tube
Wanted...Correction

Does anyone here have a very good UX-271A for sale or generous
trade?

If anyone does have a 201A I would be
very generous. Perhaps a UX-171A would be more likley?
Lou

10453. Re: [AWA Group] Tube Wanted...Correction

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 18:58:38 UTC
From: Louis Vermond
Topic: 10446 Message: 10453

Yes... QRX

----- Original Message -----
From: barry whittemore wb1edi@... [AWAGroup]
To: awa
Sent: 2014-12-19 1:55 PM
Subject: RE: [AWA Group] Tube Wanted...Correction

i sent a pic of it lou to your home email
barry

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Fri, 19 Dec 2014 13:23:03 -0500
Subject: Re: [AWA Group] Tube Wanted...Correction

Thank you, Barry. Please do... Lou
Ldvermond@...

----- Original Message -----
From: barry whittemore wb1edi@... [AWAGroup]
To: awa
Sent: 2014-12-19 1:18 PM
Subject: RE: [AWA Group] Tube Wanted...Correction

i have a ux-171. it is on my list and it tested good. i can dig it out and get info.

not sure what shipping will be.
barry
nf1o

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Fri, 19 Dec 2014 13:09:06 -0500
Subject: [AWA Group] Tube Wanted...Correction

Does anyone here have a very good UX-271A for sale or generous trade?

If anyone does have a 201A I would be very generous. Perhaps a UX-171A would be more likley? Lou

10454. Re: [AWA Group] silver micas Wanted ... Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 19:13:58 UTC
From: Roger Kuchera
Topic: 10420 Message: 10454

Not according to my spell checker I had to edit it 3 times just to make it some pseudo-British form. Lou, remember a good part of your audience is in the US. However you might think we are backward, we are the United States of America. Let's not get caught up in a lot of crap about semantics or spelling!

I will be happy to look through my stock of Micas if only you would send a pix of what you want.

Roger/K1TG

On Friday, December 19, 2014 1:03 PM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

I was just wondering. I do not know the parameters you are trying to achieve with the filter. Like, passband width, stopband rejection, and so forth. Whenever I need a filter I design an Elliptic (Cauer), using the table of normalized element values. 73 – Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

From:AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, December 19, 2014 12:58 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] silver micas Wanted ... Question

☐
I do, but not digital. I'm working on that. I have two 1/2 wave filt ok...er ckts to work from. Want to run thru the merits of each before building. This project is very much in the running, but will hold back until I know which to build. Tks, but pse QRX...

----- Original Message -----
>From:mailto:n4fs@...%20[AWAGroup]
>To:AWAGroup@yahoogroups.com
>Sent:2014-12-19 12:34 PM
>Subject:RE: [AWA Group] silver micas Wanted ... Question
>
>
>Do you have a schematic of what you are trying to build? I am certain I have those caps. – Mike
>Mike B. Feher, N4FS
>89 Arnold Blvd.
>Howell, NJ, 07731
>732-886-5960
>From:AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
>Sent: Friday, December 19, 2014 12:31 PM

>To: AWAGroup@yahoogroups.com
>Subject: Re: [AWA Group] silver micas Wanted ... Question
>
>□
>I read it as meant. I know you.... :0)
>----- Original Message -----
>>From:mailto:n4fs@...%20[AWAGroup]
>>To:AWAGroup@yahoogroups.com
>>Sent:2014-12-19 12:20 PM
>>Subject:RE: [AWA Group] silver micas Wanted ... Question
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>>The last word in the last sentence was supposed to be filtre. My computer did not even recognize what it was, so, it auto corrected. Ey -
>>Mike B. Feher, N4FS
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>>From:AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
>>Sent: Friday, December 19, 2014 12:09 PM
>>To: AWAGroup@yahoogroups.com
>>Subject: RE: [AWA Group] silver micas Wanted ... Question
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>>Our silver micas were intended to work in filters. I am not sure they will work in a filter. 73 – Mike
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>>732-886-5960
>>From:AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
>>Sent: Friday, December 19, 2014 7:37 AM
>>To: AWAGroup@yahoogroups.com
>>Subject: Re: [AWA Group] silver micas Wanted ... Question
>>
>>□
>>If I knew what in the world a "filtre" was, I might be able to help. Sri... That's the correct spelling of, 'filter'.

10455. Re: [AWA Group] Tube Wanted...Correction

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 19:16:57 UTC
From: Louis Vermond
Topic: 10446 Message: 10455
Attachments: 1 described; binary payloads are missing from this source WARC

Majestic G-71-A

10456. Bill Orr Handbook / Half-Wave Filters

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 19:28:37 UTC
From: Eddy Swynar
Topic: 10456 Message: 10456

Hi Lou,

Go to this sight: http://www.scribd.com/doc/34673586/The-Radio-Handbook-William-Orr#scribd

Hopefully you have high-speed internet there, & you can see the entire Bill Orr HANDBOOK in an instant, for free...

I'm scrolling down the pages EVER so slowly right now with our half-a**ed internet provider---when I find that section on half-wave filters, I'll save the page & forward it to you (although you'll probably be able to get it a LOT faster that I can here, out in the boondocks...!).

~73~ de Eddy VE3CUI - VE3XZ

10457. Hi Lou,

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 19:37:32 UTC
From: Eddy Swynar
Topic: 10456 Message: 10457

Hi Lou,

Well already I'm up to page 60 in my download, and counting! (the filters are at around page 300, or so).

Zzzzzzzzzz...

~73~ de Eddy VE3CUI - VE3XZ

On 2014-12-19, at 2:28 PM, Eddy Swynar wrote:

> Hi Lou,
>
> Go to this sight:
http://www.scribd.com/doc/34673586/The-Radio-Handbook-William-Orr#scribd
>
> Hopefully you have high-speed internet there, & you can see the entire Bill Orr HANDBOOK in an instant, for free...
>
> I'm scrolling down the pages EVER so slowly right now with our half-a**ed internet provider---when I find that section on half-wave filters, I'll save the page & forward it to you (although you'll probably be able to get it a LOT faster that I can here, out in the boondocks...!).
>
> ~73~ de Eddy VE3CUI - VE3XZ

10458. Re: [AWA Group] Tube Wanted...Correction

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 20:10:35 UTC
From: Larry Szendrei
Topic: 10446 Message: 10458

On 12/19/14 1:35 PM, N1BUG paul@... [AWAGroup] wrote:
>
> What is wrong with eBay? Generally a lot, but in this case, nothing.
> I've looked and 171As are plentiful at (somewhat) affordable prices,
> but... If I could do someone here a favour by them doing me one, I'd
> rather.
>
> I for one like seeing such offers/requests here. I can't spend a
> fortune on this stuff but there are still parts I need or want for
> some projects. Sooner or later a favorable trade offer may come along,
> as I have some parts that I'm probably not going to use.
>
Me too. I have a very limited budget for radio stuff, and would usually
rather trade with someone from my well-stocked junque box than buy and
sell for fiat currency ;-)
>
>
> In this case, I can't help. The closest I have is a Majestic G-71-A
> (UX-171A equivalent) of unknown age and condition (other than it
> seemed to work FB in the TNT)
>
If you're serious, that may be close enough for Lou.

73,
-Larry/NE1S

10459. Half-Wave Filters

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 20:53:26 UTC
From: Eddy Swynar
Topic: 10459 Message: 10459
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Lou,

I FINALLY managed to get those pages relevant to half-wave filters from the Bill Orr HANDBOOK down-loaded for you, and am attaching two pages, below...

~73!~ de Eddy VE3CUI - VE3XZ

10460. Re: Regen spotting

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 21:10:35 UTC
From: dulmagedon@...
Topic: 10422 Message: 10460

I am glad this question was introduced even if sort of in a different direction. I have had this on my mind but never got my butt in gear to prove it out. Till yesterday and today. Yesterday I tested on the TNT to see how much resistance I could introduce into the B circuit and still have on freq oscillation. I was able to put 90K across the key terminals and the rig would oscillate on freq at a very reduced rate. I don't have a regen set up down there as my tube count is low but upstairs I do have my BareEssentials 50L6 rig which I have used even recently with some of you last November. I run a 50C6 in it just in the hope I get a bit extra. I just say that to keep it honest. I doubt it would make much difference in this test. I listen as some of you know on a 6sl7 twinplex regen running on battery power. Pervious to this point I used a small hand held chip osc to spot the regen to the crystal I was going to put in the transmitter. Today I took my resistor chain I tested the TNT with and brought it up to the Bare Essentials rig and rigged it across the key terminals . It is cathode keyed so basically introducing resistance into the B - circuit and dropping B voltage. I fired up the regen which before could not handle the BE rig key down. With 90K in the key circuit I could easily find the TX on the regen however it is very quiet on the band today and when I tuned by it I got just a sharp "blewp". No swamping of the regen just a nice easy to find signal. Figuring that in a night with QRM that might be a bit quiet I played around and came up with 60K introduced into the B- across the key terminals did NOT swamp the regen and I was able to find the signal easily and very distinctly on the regen. A very practical and easy solution to the spotting a regen with a Vintage TX. I am very happy with the results. It works much better then I thought it might. Now to mount a switch to introduce it when key is released and I want to spot. I would like to mount it with the key then it is portable between rigs. However I may mount it in the TX if that proves awkward. Anyway it works and works very well. And just because I used it with a regen doesn't preclude its use for other receivers.
don

---In AWAGroup@yahoogroups.com, <dulmagedon@...> wrote :

I use a different method for regen spotting but it s for a rockbound rig HOWEVER this got me thinking. In one of the old Radio Handbooks 1940 there is a 15 watt VFO . I have stolen many pieces of that design and had noticed there is a circuit in there for rx spotting right in the build. I don't have it front of me but it seems there was a switch called Rx spotting the switched a 225K resistance into the B + line killing the transmitters output to a mere whisper so it would drown the rx. SO Ifred up my Hartley with a dummy load attached and began adding resistors to the B circuit - (Across the key line if you must know.) At 100K the Tx still keyed but output was low, very low and there was no sign of any bulb lighting on the dummy load. The freq being monitored on a digital Rx hadn't changed a noticeable amount but the strength was greatly reduced. I don't know but suspect that each TX has its own minimum spot . Obviously mine will probably go lower. Seeing as how I use a low power osc to spot with a crystal for crystal rig ops I know that a very low power osc does a fine job of spotting a regen. I intend to explore it further.
don

10461. Re: [AWA Group] Re: Regen spotting

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 21:30:45 UTC
From: Larry Szendrei
Topic: 10422 Message: 10461

Don, this method will work well enough for an xtal-controlled TX, but the frequency shift of an LC oscillator (TPTG, TNT, Hartley, Colpitts, etc.) with the dropping resistor may be significant. It is with my Hartley, anyway. If I used this method to spot I would be several KHz off-frequency.

Do you have a modern receiver, or frequency meter or counter, to compare the output frequency of one of your LC oscillator rigs with and without the dropping resistor?

73,
-Larry/NE1S

On 12/19/14 4:10 PM, dulmagedon@... [AWAGroup] wrote:
>
> I am glad this question was introduced even if sort of in a different
> direction. I have had this on my mind but never got my butt in gear to
> prove it out. Till yesterday and today. Yesterday I tested on the TNT
> to see how much resistance I could introduce into the B circuit and
> still have on freq oscillation. I was able to put 90K across the key
> terminals and the rig would oscillate on freq at a very reduced rate.
> I don't have a regen set up down there as my tube count is low but
> upstairs I do have my BareEssentials 50L6 rig which I have used even
> recently with some of you last November. I run a 50C6 in it just in
> the hope I get a bit extra. I just say that to keep it honest. I doubt
> it would make much difference in this test. I listen as some of you
> know on a 6sl7 twinplex regen running on battery power. Pervious to
> this point I used a small hand held chip osc to spot the regen to the
> crystal I was going to put in the transmitter. Today I took my
> resistor chain I tested the TNT with and brought it up to the Bare
> Essentials rig and rigged it across the key terminals . It is cathode
> keyed so basically introducing resistance into the B - circuit and
> dropping B voltage. I fired up the regen which before could not handle
> the BE rig key down. With 90K in the key circuit I could easily find
> the TX on the regen however it is very quiet on the band today and
> when I tuned by it I got just a sharp "blewp". No swamping of the
> regen just a nice easy to find signal. Figuring that in a night with
> QRM that might be a bit quiet I played around and came up with 60K
> introduced into the B- across the key terminals did NOT swamp the
> regen and I was able to find the signal easily and very distinctly on
> the regen. A very practical and easy solution to the spotting a regen
> with a Vintage TX. I am very happy with the results. It works much
> better then I thought it might. Now to mount a switch to introduce it
> when key is released and I want to spot. I would like to mount it with
> the key then it is portable between rigs. However I may mount it in
> the TX if that proves awkward. Anyway it works and works very well.

> And just because I used it with a regen doesn't preclude its use for
> other receivers.
>
> don
>
>

10462. silver micas Wanted ... Steve's responce and a thanks to Eddy and all

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 21:48:50 UTC
From: Louis Vermond
Topic: 10462 Message: 10462

what is ur filtre for Lou? VE7SL

An 80 mtr. bandpass. One of the questions I have is whether or not one is really necessary considering our typical low power, dipole and ATU use. I'm reading 30 dp down on the second harmonic. Again, considering, is that amount worthwhile?

I would not even consider that...your tuner will knock anything like that down enough and at the power levels we use, any harmonic energy is pretty low. Your P-P rig doesn't even produce a second harmonic, one of the advantages of a P-P cct.

Steve, OK... Should have asked if necessary at the beginning. Yet, with an ATU etc. in place, at what power output (from a oscillator rig) would a band-pass filtre be wise to use?

Eddy, Thanks for the work you put into this. Much more information than I had before on this.

73, Lou

10463. Re: [AWA Group] silver micas Wanted ... Steve's responce and a thanks to Eddy and all

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 22:06:11 UTC
From: Eddy Swynar
Topic: 10462 Message: 10463

On 2014-12-19, at 4:48 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:

> □
>
> what is ur filtre for Lou? VE7SL
>
> An 80 mtr. bandpass. One of the questions I have is whether or not one is really necessary considering our typical low power, dipole and ATU use. I'm reading 30 dp down on the second harmonic. Again, considering, is that amount worthwhile?
>
> I would not even consider that...your tuner will knock anything like that
> down enough and at the power levels we use, any harmonic energy is pretty
> low. Your P-P rig doesn't even produce a second harmonic, one of the
> advantages of a P-P cct.
>
> Steve, OK... Should have asked if necessary at the beginning. Yet, with an ATU etc. in place, at what power output (from a oscillator rig) would a band-pass filtre be wise to use?
>
> Eddy, Thanks for the work you put into this. Much more information than I had before on this.
>
> 73, Lou
>

Hi Lou,

You're very welcome---just glad I could help in some small way...

~73!~ de Eddy VE3CUI - VE3XZ

PS: Lou, I agree with Steve's comments---you're worrying FAR too much there!

10464. Re: [AWA Group] Tube Wanted...Paul and Larry's comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 22:31:16 UTC
From: Louis Vermond
Topic: 10464 Message: 10464
Attachments: 1 described; binary payloads are missing from this source WARC

In this case, I can't help. The closest I have is a Majestic G-71-A (UX-171A equivalent) of unknown age and condition (other than it seemed to work FB in the TNT) Paul

If you're serious, that may be close enough for Lou. Larry

I would not dream of asking them to part. Lou

10465. Re: [AWA Group] silver micas Wanted ... RogerK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 22:37:37 UTC
From: Louis Vermond
Topic: 10465 Message: 10465

Let's not get caught up in a lot of &^$%# about semantics or spelling!
I agree, Roger. There it's, FILTER, here it's FILTRE...really. No sweat, we'll know what the other is saying.

I will be happy to look through my stock of Micas ...Tks. Maybe yet...

73, Lou

10467. Re: [AWA Group] Tube Wanted...Paul and Larry's comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 23:10:19 UTC
From: N1BUG
Topic: 10464 Message: 10467
Attachments: 1 described; binary payloads are missing from this source WARC

I would not dream of asking them to part. Lou

It can be available if you wanted it Lou. It is kind of a pretty thing, but is unlikely to ever see any service here. I got it for the TNT back when I thought I wasn't rich enough to own a UX-210. Now I have two of the latter...

Bugs

10468. Re: [AWA Group] Re: Regen spotting

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-19 23:16:36 UTC
From: dulmagedon@...
Topic: 10422 Message: 10468

I'll tell it to stop working then. I just built it in a box and used it on my Hartley like 3 minutes ago.
don

10469. AWA Journal Cumulative Index?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-20 01:09:25 UTC
From: w0vlz@...
Topic: 10469 Message: 10469

Each January AWA Journal has an index for the previous year. Is anyone aware of a cumulative index covering several years? Beyond hard copy, is there one on the web someplace that is searchable?

Niel - W0VLZ

10470. Tube Wanted...Paul tube comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-20 01:50:00 UTC
From: Louis Vermond
Topic: 10470 Message: 10470
Attachments: 1 described; binary payloads are missing from this source WARC

It can be available if you wanted it Lou. It is kind of a pretty thing...

Tempt me with a photo, Bugsy.

10471. Re: [AWA Group] Tube Wanted...Paul tube comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-20 11:30:14 UTC
From: N1BUG
Topic: 10470 Message: 10471

Tempt me with a photo, Bugsy.
R, Lou. Photos on the way shortly.

Bugsy

10472. Re: [AWA Group] Re: Regen spotting

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-20 12:28:26 UTC
From: dulmagedon@...
Topic: 10422 Message: 10472

Actually it works perfectly TNT, Hartley and Rockbound as well. The idea is not mine as some may have erroneously thought but comes right out of the pages of the 1940 Radio Handbook 9which is sitting right beside me as I type) for use in spotting a 10 watt Hartley based VFO. There is a schematic and a short description included. The resistance was introduced in the OSC supply voltage. They dropped the OSC from 400 PS voltage to 250 Rx voltage and introduced a 5 k resistance as well. I did it all with a resistor but the effect is the same. In testing using a digital rx with narrow CW selected I was able to detect the note full power or reduced spotting power with no changes to the control which is all you need for Ham radio work. My stepping was set at .1khz. (I said "point one")If that won't help you neither can I. It is certainly good enough for any ops I engage in. Having built several successful regen transceivers I was pretty sure it would work but talk is cheap and so decided to test it and try it. I was and still am pleasantly surprised at how well it works.
don

10473. Re: [AWA Group] Tube Wanted...Paul tube comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-20 12:31:23 UTC
From: Louis Vermond
Topic: 10470 Message: 10473

GM Paul...

10474. Half Wave Filters

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-20 13:21:53 UTC
From: Eddy Swynar
Topic: 10474 Message: 10474

Hi Lou,

If you're that obsessed with putting the kibosh to any harmonics from your '29 rig, how about constructing a half-wave COAXIAL CABLE "filter" for your rig...?

We did this very thing some years ago, during Field Day, to minimize interaction between a bunch of stations in closed quarters transmitting at the same time---and it worked for us (on 40-meters CW, where I was, anyway...).

The task is VERY simple, indeed. All you have to do---and you'll need one of these, for each band that you're transmitting on---is cut a 1/2-wave length of RG-58 coax able, TAKING INTO ACCOUNT THE VELOCITY FACTOR OF THE CABLE (HINT: the cable length will be some 66% of a half-wave in free space). Attach a PL-259 plug at one end, & SHORT the other. Now, place a "T" adaptor at the output / antenna jack of your rig: attach your antenna feedline at one end, & the 1/2-wave coaxial filter at the other.

VOILA!

Any out-of-band harmonics from your rig will be automatically shunted to ground, by virtue of that shorted end. But your fundamental frequency signal will be free as a bird to flow, unencumbered, to your antenna!

You can coil the coax filter into a small small loop & tape it to keep it from getting unravelled, & place it right at the rear of your rig. It's simple, and doesn't require any judicious tweaking of coils / capacitors in a hardware-like 1/2-wave filter, that you're proposing...

So---whaddya think...?

~73~ de Eddy VE3CUI - VE3XZ

10475. BK 2014 de BUG Larry & Paul

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-20 13:27:50 UTC
From: Louis Vermond
Topic: 10475 Message: 10475

Tks Don for the call. We made it! My vote for the best worst sig! A joy to hear. Lou

Hey! I thought you gave ME that honor for my 40M sig! Larry

I'm speaking out of turn here, I but I suspect you got displaced when he discovered a superior best worst signal. I gave Don a T5 and might have been stretching it? Not sure, as I wouldn't know raw AC if I heard it, let along some of the other categories. I just guess once we get below T7 or so. ;-) Closer to a T-3. "Rough A.C. tone, rectified but not filtered."

I'm anxious to hear Lou's reply. Best-worst DX signal, Larry. How's that?

Barry NF1O kindly made a recording of my 80M sig but mercifully didn't record me on 40M.

You haven't escaped! I have recordings of you on 40M. I'm reasonably sure I also have Don but have to go through the files I hastily saved and find it. Paul Let us know when you find them, Paul.

73, Lou

OK, makes sense ;-)

10476. RE: [AWA Group] Half Wave Filters

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-20 15:31:47 UTC
From: Mike Feher
Topic: 10474 Message: 10476

Eddy ☐

I believe you have this wrong. One needs a shorted ¼ wave stub to reject even harmonics, and not a half wave. A shorted half wave will short out the fundamental. 73 ☐ Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, December 20, 2014 8:22 AM
To: Louis Vermond Vermond
Cc: AWAGroup@yahoogroups.com
Subject: [AWA Group] Half Wave Filters

Hi Lou,

If you're that obsessed with putting the kibosh to any harmonics from your '29 rig, how about constructing a half-wave COAXIAL CABLE "filter" for your rig...?

We did this very thing some years ago, during Field Day, to minimize interaction between a bunch of stations in closed quarters transmitting at the same time---and it worked for us (on 40-meters CW, where I was, anyway...).

The task is VERY simple, indeed. All you have to do---and you'll need one of these, for each band that you're transmitting on---is cut a 1/2-wave length of RG-58 coax able, TAKING INTO ACCOUNT THE VELOCITY FACTOR OF THE CABLE (HINT: the cable length will be some 66% of a half-wave in free space). Attach a PL-259 plug at one end, & SHORT the other. Now, place a "T" adaptor at the output / antenna jack of your rig: attach your antenna feedline at one end, & the 1/2-wave coaxial filter at the other.

VOILA!

Any out-of-band harmonics from your rig will be automatically shunted to ground, by virtue of that shorted end. But your fundamental frequency signal will be free as a bird to flow, unencumbered, to your antenna!

You can coil the coax filter into a small small loop & tape it to keep it from getting unravelled, & place it right at the rear of your rig. It's simple, and doesn't require any judicious tweaking of coils / capacitors in

a hardware-like 1/2-wave filter, that you're proposing...

So---whaddya think...?

~73~ de Eddy VE3CUI - VE3XZ

10477. RE: [AWA Group] Re: Regen spotting

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-20 15:32:05 UTC
From: Steve Flood
Topic: 10422 Message: 10477
Attachments: 1 described; binary payloads are missing from this source WARC

The Radio Handbook shows a VR-105 regulator. Wouldn’t the oscillator would be at 105v regardless of the 250 or 400v B+.

>The idea is not mine as some may have erroneously thought.

>which is all you need for Ham radio work.

>If that won't help you neither can I.

>It is certainly good enough for any ops I engage in.

Why so antagonistic Don????

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

10478. Re: [AWA Group] Half Wave Filters

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-20 15:38:56 UTC
From: Eddy Swynar
Topic: 10474 Message: 10478

Hi Mike,

You could be correct---it was a LONG time since I participated in those Field Days...

BTW, if what you say is true, then why do they call the filters that Lou was thinking about, "HALF WAVE Filters"...?

~73~ de Eddy VECUI - VE3XZ

On 2014-12-20, at 10:31 AM, 'Mike Feher' n4fs@eozinc.com [AWAGroup] wrote:

>
> Eddy –
>
>
>
> I believe you have this wrong. One needs a shorted ¼ wave stub to reject even harmonics, and not a half wave. A shorted half wave will short out the fundamental. 73 – Mike
>
>
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
>
>
> From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> Sent: Saturday, December 20, 2014 8:22 AM
> To: Louis Vermond Vermond
> Cc: AWAGroup@yahoogroups.com
> Subject: [AWA Group] Half Wave Filters
>
>
>
>
>
>
>
> Hi Lou,
>
>
>
> If you're that obsessed with putting the kibosh to any harmonics from your '29 rig, how

about constructing a half-wave COAXIAL CABLE "filter" for your rig...?
>
>
>
> We did this very thing some years ago, during Field Day, to minimize interaction between a bunch of stations in closed quarters transmitting at the same time---and it worked for us (on 40-meters CW, where I was, anyway...).
>
>
>
> The task is VERY simple, indeed. All you have to do---and you'll need one of these, for each band that you're transmitting on---is cut a 1/2-wave length of RG-58 coax able, TAKING INTO ACCOUNT THE VELOCITY FACTOR OF THE CABLE (HINT: the cable length will be some 66% of a half-wave in free space). Attach a PL-259 plug at one end, & SHORT the other. Now, place a "T" adaptor at the output / antenna jack of your rig: attach your antenna feedline at one end, & the 1/2-wave coaxial filter at the other.
>
>
>
> VOILA!
>
>
>
> Any out-of-band harmonics from your rig will be automatically shunted to ground, by virtue of that shorted end. But your fundamental frequency signal will be free as a bird to flow, unencumbered, to your antenna!
>
>
>
> You can coil the coax filter into a small small loop & tape it to keep it from getting unravelled, & place it right at the rear of your rig. It's simple, and doesn't require any judicious tweaking of coils / capacitors in a hardware-like 1/2-wave filter, that you're proposing...
>
>
>
> So---whaddya think...?
>
>
>
> ~73~ de Eddy VE3CUI - VE3XZ
>
>
>
>

10479. RE: [AWA Group] Re: Regen spotting

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-20 15:39:56 UTC
From: Mike Feher
Topic: 10422 Message: 10479
Attachments: 1 described; binary payloads are missing from this source WARC

Steve –

In the circuit below, it seems the VR-105would just blow up without any current limiting in the 400 volt line. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, December 20, 2014 10:32 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Re: Regen spotting

The Radio Handbook shows a VR-105 regulator. Wouldn’t the oscillator would be at 105v regardless of the 250 or 400v B+.

>The idea is not mine as some may have erroneously thought.

>which is all you need for Ham radio work.

>If that won't help you neither can I.

>It is certainly good enough for any ops I engage in.

Why so antagonistic Don????

<http://www.avast.com/>

This email is free from viruses and malware because avast! Antivirus <http://www.avast.com/> protection is active.

10480. RE: [AWA Group] Half Wave Filters

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-20 15:42:17 UTC
From: Mike Feher
Topic: 10474 Message: 10480

I am not sure about what Lou was thinking about, but, the circuit he showed was clearly a low pass filter. 73 ☐ Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, December 20, 2014 10:39 AM
To: AWAGroup@yahoogroups.com
Cc: 'Louis Vermond Vermond'
Subject: Re: [AWA Group] Half Wave Filters

Hi Mike,

You could be correct---it was a LONG time since I participated in those Field Days...

BTW, if what you say is true, then why do they call the filters that Lou was thinking about, "HALF WAVE Filters"...?

~73~ de Eddy VECUI - VE3XZ

On 2014-12-20, at 10:31 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

Eddy ☐

I believe you have this wrong. One needs a shorted ¼ wave stub to reject even harmonics, and not a half wave. A shorted half wave will short out the fundamental. 73 ☐ Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, December 20, 2014 8:22 AM
To: Louis Vermond Vermond
Cc: AWAGroup@...m
Subject: [AWA Group] Half Wave Filters

Hi Lou,

If you're that obsessed with putting the kibosh to any harmonics from your '29 rig, how about constructing a half-wave COAXIAL CABLE "filter" for your rig...?

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The task is VERY simple, indeed. All you have to do---and you'll need one of these, for each band that you're transmitting on---is cut a 1/2-wave length of RG-58 coax able, TAKING INTO ACCOUNT THE VELOCITY FACTOR OF THE CABLE (HINT: the cable length will be some 66% of a half-wave in free space). Attach a PL-259 plug at one end, & SHORT the other. Now, place a "T" adaptor at the output / antenna jack of your rig: attach your antenna feedline at one end, & the 1/2-wave coaxial filter at the other.

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So---whaddya think...?

~73~ de Eddy VE3CUI - VE3XZ

10481. Re: [AWA Group] Half Wave Filters

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-20 15:45:10 UTC
From: Eddy Swynar
Topic: 10474 Message: 10481

On 2014-12-20, at 10:42 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

>
> I am not sure about what Lou was thinking about, but, the circuit he showed was clearly a low pass filter. 73 – Mike
>
>
>
> Mike B. Feher, N4FS
>

Hi Mike,

I believe that Lou's filters are BAND PASS filters, & NOT low pass filters...

~73~ de Eddy VE3CUI - VE3XZ
>
>

10482. Re: [AWA Group] Re: Regen spotting

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-20 15:46:34 UTC
From: N1BUG
Topic: 10422 Message: 10482
Attachments: 1 described; binary payloads are missing from this source WARC

I was going to make the same observation. I wonder how many people built that and had the VR-105 go "poof".

There should be a current limiting resistor in the 400 volt line going to the other switch contact. It does appear the intent was to have the oscillator always on 105 volts so it wouldn't change frequency when switching from one supply to the other.

73,
Paul

On 12/20/2014 10:39 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

Steve –

In the circuit below, it seems the VR-105would just blow up without any current limiting in the 400 volt line. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, December 20, 2014 10:32 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Re: Regen spotting

The Radio Handbook shows a VR-105 regulator. Wouldn’t the oscillator would be at 105v regardless of the 250 or 400v B+.

10483. RE: [AWA Group] Half Wave Filters

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-20 15:48:49 UTC
From: Mike Feher
Topic: 10474 Message: 10483

A simple test for it is to see if it will pass DC. Lou's circuit obviously does. Therefore, it is a low pass, with zeros of transmission above the design cutoff frequency. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, December 20, 2014 10:45 AM
To: AWAGroup@yahoogroups.com
Cc: 'Louis Vermond Vermond'
Subject: Re: [AWA Group] Half Wave Filters

On 2014-12-20, at 10:42 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

I am not sure about what Lou was thinking about, but, the circuit he showed was clearly a low pass filter. 73 - Mike

Mike B. Feher, N4FS

Hi Mike,

I believe that Lou's filters are BAND PASS filters, & NOT low pass filters...

~73~ de Eddy VE3CUI - VE3XZ
<http://y.analytics.yahoo.com/fpc.pl?ywarid=515FB27823A7407E&a=1000131032227
9&js=no&resp=img>

10484. Re: [AWA Group] Half Wave Filters

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-20 15:55:24 UTC
From: N1BUG
Topic: 10474 Message: 10484

I have no idea why the filters Lou was asking about are called half wave filters. I was wondering that myself.

But as one who works with shorted and open half and quarter wave lines quite a bit, Mike is correct. A half wave line repeats the impedance. If one end is shorted, the other end appears to be a short to RF. A quarter wave line transforms from one extreme to the other: if one end is shorted, the other end appears open (very high impedance) to RF.

73,
Paul

On 12/20/2014 10:38 AM, Eddy Swynar deswynar@... [AWAGroup] wrote:

Hi Mike,

You could be correct---it was a LONG time since I participated in those Field Days...

BTW, if what you say is true, then why do they call the filters that Lou was thinking about, "HALF WAVE Filters"...?

~73~ de Eddy VECUI - VE3XZ

On 2014-12-20, at 10:31 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

?

Eddy ?

?

I believe you have this wrong. One needs a shorted ? wave stub to reject even harmonics, and not a half wave. A shorted half wave will short out the fundamental. 73 ? Mike

?

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

10485. Re: [AWA Group] Half Wave Filters

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-20 15:55:16 UTC
From: Eddy Swynar
Topic: 10474 Message: 10485
Attachments: 1 described; binary payloads are missing from this source WARC

On 2014-12-20, at 10:48 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

>
> A simple test for it is to see if it will pass DC. Lou’s circuit obviously does. Therefore, it is a low pass, with zeros of transmission above the design cutoff frequency.
73 – Mike
>
>
>
> Mike B. Feher, N4FS
>

Hi Mike,

I just re-read Bill Orr's comments re. half-wave filters in that attachment I sent him, & YES, you are correct: they WILL pass frequencies below the design frequency, but attenuate specific higher harmonics, best.

Good call...!

~73~ de Eddy VE3CUI - VE3XZ

10486. Re: [AWA Group] BK 2014 de BUG Larry & Paul

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-20 16:25:51 UTC
From: N1BUG
Topic: 10475 Message: 10486

You haven't escaped! I have recordings of you on 40M. I'm reasonably sure I also have Don but have to go through the files I hastily saved and find it. Paul Let us know when you find them, Paul.

I'm working on editing out and saving clips of individual stations. But many distractions and too many projects. Hopefully finished soon. Will let you know what I've got.

73,
Paul "Bugsy" N1BUG

10487. BK Recordings

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-20 17:59:02 UTC
From: N1BUG
Topic: 10487 Message: 10487

OK. I finally finished sorting through a few hastily saved sound files from last weekend. I didn't spent much time making recordings as I was trying to find a few last QSOs. Here is what I have. Some are brief snippets, others are full transmissions with exchange. Let me know if I have you recorded and you want the file emailed. Please advise if file size is an issue. I can edit some stuff out to make them smaller if needed. All are MP3 files.

N4GJV - 80 and 40
N8YE - 80 (Ford coil B+) and 40
NE1S - 80 and 40
NF1O - 80 and 40
VE3LYX - 80 and 40
W2AO - 40
W8AU - 40
WU2D - 40

I would like to start collecting "29" sound files for my web pages. I realize some are not comfortable with having recordings of their signal posted. I will not post any without permission. If you are on the list above and do not object to the recordings being posted to a web site, please let me know. I haven't a clue when I will get to that project... but eventually...

73,
Paul "Bugsy" N1BUG

10488. Old Dog, New Tricks

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-20 18:26:02 UTC
From: Louis Vermond
Topic: 10488 Message: 10488
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

10489. Re: [AWA Group] Old Dog, New Tricks

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-20 18:28:26 UTC
From: Daniel Petersen
Topic: 10488 Message: 10489
Attachments: 1 described; binary payloads are missing from this source WARC

I think you need another row of screens!
8^)
Dan-W7OIL

On Sat, Dec 20, 2014 at 10:26 AM, Louis Vermond ldvermond@...
[AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
>
>

--

73,
Dan - W7OIL

10490. Re: [AWA Group] BK Recordings - one more

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-20 18:28:29 UTC
From: N1BUG
Topic: 10487 Message: 10490

A file escaped, but has been captured. Add:

K1TMJ - 40

On 12/20/2014 12:59 PM, N1BUG paul@... [AWAGroup] wrote:

OK. I finally finished sorting through a few hastily saved sound files from last weekend. I didn't spent much time making recordings as I was trying to find a few last QSOs. Here is what I have. Some are brief snippets, others are full transmissions with exchange. Let me know if I have you recorded and you want the file emailed. Please advise if file size is an issue. I can edit some stuff out to make them smaller if needed. All are MP3 files.

N4GJV - 80 and 40
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W8AU - 40
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I would like to start collecting "29" sound files for my web pages. I realize some are not comfortable with having recordings of their signal posted. I will not post any without permission. If you are on the list above and do not object to the recordings being posted to a web site, please let me know. I haven't a clue when I will get to that project... but eventually...

73,
Paul "Bugsy" N1BUG

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

10491. Re: BK Recordings

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-21 02:12:24 UTC
From: dulmagedon@...
Topic: 10487 Message: 10491

I would be interested in hearing mine. I think I can handle any size file at the library wifi window.
thanks Don

10492. Antique mall find TUBES!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-21 02:12:57 UTC
From: dulmagedon@...
Topic: 10492 Message: 10492

This afternoon the XYL and I stopped in at the local Antique cooperative. I know they had some radio tubes and am repairing a 1926 Majestic cabinet radio I was given. It has a open filament on its 26 tube so I thought I would have look at what they had.. Nothing that old unfortunately but about 200 tubes , New in box. 45 a piece. I came away with 3 25L6 tubes and a 117p7tube. They had several sweep tubes (6kd7?) or something like that I think they were. Anyway I intend to make another raid soon.
don

10493. Re: Antique mall find TUBES!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-21 08:47:19 UTC
From: dulmagedon@...
Topic: 10492 Message: 10493

45 a piece
should read $5 a piece.

10494. RE: [AWA Group] Re: Antique mall find TUBES!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-21 08:50:15 UTC
From: Mike Feher
Topic: 10492 Message: 10494

Seems like a lot of money from that kind of a store. About $1 each would be more like it.
73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, December 21, 2014 3:47 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: Antique mall find TUBES!

45 a piece

should read $5 a piece.

10495. FW: [AWA] Lauren Peckham

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-21 08:53:40 UTC
From: Mike Feher
Topic: 10495 Message: 10495

In case some of you had not heard the sad news. I have known Lauren for about 45 years. Not too many of us old fart true tube collectors still around. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: antiquewirelessassociation@yahoogroups.com
[mailto:antiquewirelessassociation@yahoogroups.com]
Sent: Saturday, December 20, 2014 11:42 PM
To: antiquewirelessassociation@yahoogroups.com
Subject: [AWA] Lauren Peckham

Folks just thought you all should know.

Lauren was a good friend and will be missed.

Geoff Bourne

Lauren A. Peckham

Obituary

Peckham, Lauren A.

Breesport: Age 78 of Ormiston Rd. Breesport passed away unexpectedly on Fri. Dec. 19, 2014. Lauren was born Dec. 22, 1935 to Augustus Newton and Dona (Colebrook) Peckham. He was predeceased by his wife of 46 years, Joyce (Weitz) Peckham in 2004. He is survived by his wife, Julia (Leet) Peckham; sons, David and Cathy Peckham of Horseheads, NY, Kent and Christine Peckham of Statesville, NC; grandchildren, Andrew (Rose) Peckham, Nathaniel Peckham, Anna Peckham and Kyle Peckham; Brother, Darrell Peckham of Weedsport, NY; and a host of caring church family, friends and neighbors. Lauren was a lifelong member of the Horseheads First United Methodist Church. Mr. Peckham, along with his son David, own and operate LA Peckham and Son Pipe Organ Service operating in the area since 1971. He was a longtime member and past president of the Antique Wireless Association, member of AMICA - Automatic Musical Instrument Association, and was active with and instrumental in refurbishing the original theatre pipe organ in the Elmira Clemens Center. Family and friends are invited to call at Chapel of the <https://givalike.org/dm/Lauren%20A.%20Peckham/R/2266516/Nonprofit-Directory/Religious/1617981/First-United-Methodist-Church-in-Horseheads?eqg=1> First United Methodist Church 1034 W. Broad St. Horseheads on Tuesday Dec. 23, 2014 from 10am - 12 noon. A Celebration of his life will follow there in church at 12 noon. Family and friends are also invited to gather for a time of fellowship in the adjoining fellowship hall of the church immediately following his service. Interment in Madison Cemetery, Madison NY. In lieu of flowers, those wishing may express their sympathy with

memorials in his name to the <https://givalike.org/dm/Lauren%20A.%20Peckham/R/2266516/Nonprofit-Directory/Religious/1617981/First-United-Methodist-Church-in-Horseheads?eqg=1> First United Methodist Church, 1034 West Broad Street, Horseheads, NY 14845. And Clemens Center PO Box 1046, Elmira, NY 14902. Condolences and remembrances' at Barber Funeral Home Inc. | Horseheads NY funeral home <http://www.barberfuneralhome.com>

<http://www.barberfuneralhome.com> image

<http://www.barberfuneralhome.com> Barber Funeral Home Inc. | Horseheads NY funeral home

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<http://www.barberfuneralhome.com> View on www.barberfuneralho...

Preview by Yahoo

10496. Re: [AWA Group] Re: BK Recordings - VE3LYX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-21 11:09:35 UTC
From: N1BUG
Topic: 10487 Message: 10496

Don - two sound files have been sent direct to your email adr.

73,
Paul N1BUG

On 12/20/2014 09:12 PM, dulmagedon@... [AWAGroup] wrote:

I would be interested in hearing mine. I think I can handle any size file at the library wifi window.

thanks Don

10497. Re: [AWA Group] Testing an Armstrong Rig & Paul

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-21 12:36:11 UTC
From: N1BUG
Topic: 10305 Message: 10497

Catching up on a few things that slipped by me in the chaos.

N1BUG: My 201A's weren't very lively until I got up around 300V.
VE3AWA: ! Got a bushel of 'em do you?!

No, Lou. Just three, two of which will be used in the receiver. But I'm not one to be timid when it comes to finding out what a tube will do. Or I'm an idiot. Take your pick! I tested a 201A up to 330V which was the max I could get out of the power supply I had at the time. I would have gone higher if I could.

I've tested a UX-210 up to 900V. Boy, they really perk up...

73,
Paul "Bugsy" N1BUG

10498. RE: [AWA Group] Re: Antique mall find TUBES!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-21 13:09:36 UTC
From: dulmagedon@...
Topic: 10492 Message: 10498

I see. Well I wouldn't pass up any usable tube for $5. Especially in front of me with no shipping to pay but that is just me I guess.
don

10499. Re: [AWA Group] FW: [AWA] Lauren Peckham

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-21 13:16:41 UTC
From: Louis Vermond
Topic: 10495 Message: 10499

A gentlemen.

----- Original Message -----
From: 'Mike Feher' n4fs@eozinc.com [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-12-21 3:53 AM
Subject: [AWA Group] FW: [AWA] Lauren Peckham

In case some of you had not heard the sad news. I have known Lauren for about 45 years. Not too many of us old fart true tube collectors still around. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

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[mailto:antiquewirelessassociation@yahoogroups.com]
Sent: Saturday, December 20, 2014 11:42 PM
To: antiquewirelessassociation@yahoogroups.com
Subject: [AWA] Lauren Peckham

Folks just thought you all should know.

Lauren was a good friend and will be missed.

Geoff Bourne

Lauren A. Peckham

Obituary

Peckham, Lauren A.

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refurbishing the original theatre pipe organ in the Elmira Clemens Center. Family and friends are invited to call at Chapel of the First United Methodist Church 1034 W. Broad St. Horseheads on Tuesday Dec. 23, 2014 from 10am - 12 noon. A Celebration of his life will follow there in church at 12 noon. Family and friends are also invited to gather for a time of fellowship in the adjoining fellowship hall of the church immediately following his service. Interment in Madison Cemetery, Madison NY. In lieu of flowers, those wishing may express their sympathy with memorials in his name to the First United Methodist Church, 1034 West Broad Street, Horseheads, NY 14845. And Clemens Center PO Box 1046, Elmira, NY 14902. Condolences and remembrances' at Barber Funeral Home Inc. | Horseheads NY funeral home

Barber Funeral Home Inc. | Horseheads NY funeral home

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View on www.barberfuneralho...
Preview by Yahoo

10500. Re: [AWA Group] Re: Antique mall find TUBES!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-21 13:21:06 UTC
From: Eddy Swynar
Topic: 10492 Message: 10500

On 2014-12-21, at 8:09 AM, dulmagedon@... [AWAGroup] wrote:

>
> I see. Well I wouldn't pass up any usable tube for $5. Especially in front of me with no shipping to pay but that is just me I guess.
>
> don_,___
>

Hi Guys,

Some 20 years ago I responded to an ad in the local paper, saying that an older fellow in town was getting out of his basement radio repair business, & consequently was selling all of his tubes...

Well, I went to his place, & he had boxes & boxes of ALL types lying around. I immediately zeroed in on a box that had globe enveloped(!) 245's, 280's, 227's, 224A's, etc. etc."How much for just THIS box...?" I asked him.

"I can't sell you you just one box," the old timer responded. "It's all---or nothing!"

"OK then, how much for everything?" I went on

"Hmmm...you can have everything for $70.00,"he said.

I didn't waste one single nanosecond: I rushed to the ATM machine up the road, paid the man, and then with my young son's help, proceeded to fill the entire trunk, rear seat floor wells, and rear seats of our 1986 Chevrolet Caprice Classic with boxes & boxes of tubes.!!! It was the mother of all mother lodes...

That was a a great foundation for countless projects & dreams, ever since here...

~73~ de Eddy VE3CUI - VE3XZ

10501. Re: [AWA Group] Re: BK Recordings - VE3LYX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-21 14:07:42 UTC
From: dulmagedon@...
Topic: 10487 Message: 10501

Thank you Paul. Yes I remember that exact moment on 40m when I realized I had Lou on the other end. The Hartley has quite a quack to it!
thanks
don

10502. RE: [AWA Group] Re: Antique mall find TUBES!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-21 15:42:26 UTC
From: Mike Feher
Topic: 10492 Message: 10502

Wish you were closer – I have about 200,000 tubes J. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, December 21, 2014 8:10 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Re: Antique mall find TUBES!

I see. Well I wouldn't pass up any usable tube for $5. Especially in front of me with no shipping to pay but that is just me I guess.

don

10503. Paragon RA-6

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-21 17:34:36 UTC
From: Paul Christensen
Topic: 10503 Message: 10503

Anyone know of a Paragon RA-6 still in existence? If so, photos would be much appreciated.

This was a very popular spark tuner used prior to WWI, and it appears to have been used in many well-appointed stations, at least through the early '20s. Chicago Radio Laboratory (Matthews & Hassel at 9ZN) may have produced a similar circuit.

Paul, W9AC

10504. Re: [AWA Group] Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-21 18:17:48 UTC
From: Ron Barlow
Topic: 10162 Message: 10504

Hi Paul,

This note is a bit late! Family commitments, etc., have caused me to fall far behind, with e-mail reading, etc.

I constructed a 841/841 MOPA, years ago, that I used during the first couple of BK events, that I participated in.
(The 841 was a rather obscure high mu variant of the 10/210. I found a source that sold NOS 841s for fewer $ than used 10s were selling for).

I had planned to key only the PA stage, while allowing the oscillator stage to be enabled as soon as the T/R switch was thrown to the xmit position. Break in capability wasn't a requirement, and this was the simple scheme that I had always used in the past with various hb HF xmtrs.

To my surprise, the 841/841 xmtr actually chirped more, when doing this, as opposed to cathode keying both stages together! This despite the use of a stiff, dedicated B+ power supply rail for the oscillator stage!

My MOPA used grid neutralization, for the PA stage, which is considered to be inferior to plate circuit neutralization. Perhaps the imperfect neutralization may have been the cause of this counterintuitive result?

You may have a completely different result, Paul, especially if you do use an 865 tetrode in the PA stage. I will be keenly looking forward to reading about your experiments and results, with the 865 PA.

My reason for posting this info was to explain my suggestion that you may wish to try both options (PA alone vs both stages).

As for the BK recording, you definitely have my permission to use my transmissions. I will be looking forward to hearing what my signal sounds like, from way up there in Me!

Thanks very much for the QSOs on all 3 bands, Paul!!!

The countdown continues! Only ~ 350 days remaining (probably 357 for me, unless Murphy fails to find me, next year), until the next fun session begins!!!

Seasons greetings to all & vy 73 de Ron n4gjv

On Mon, 12/8/14, N1BUG paul@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Two Board MOPA
To: AWAGroup@yahoogroups.com
Date: Monday, December 8, 2014, 6:17 AM

> avoid unwanted
coupling

Between coils,
primarily? Or did you find other harmful coupling?

> keying can become a bit
challenging
> should you want to key just
one stage.

Indeed. Keying
is a nightmare and probably the biggest reason I kept
shoving the MOPA idea to the back of the
project queue. Although I
understand the
advantages of letting the oscillator run and keying
only the PA, that approach is not particularly
desirable as it will
have me scrambling to
completely revise my station setup with
respect to receiver and how to get some means
of hearing my keying.
I would prefer to key
both stages or just the oscillator but haven't
yet worked out the details of a suitable
arrangement. It has been a
while, but I
seem to recall after reading a number of relevant (or
not so much) articles I was still unsure how to
do this.

> not to
mention the ads
> associated with getting
HV to both units.

My
thought was to run completely separate power supply
umbilicals to
each board.

However, your comments have
got me thinking about my proposed
approach
to the MOPA again. I have a couple more weeks of rush-rush

trying to complete other projects and
sweep/push/shovel/drag/muscle/haul/bulldoze
them out of the way. :)
  After that
perhaps I will revisit the MOPA idea, do some reading
and breadboard something up to see what issues

I run into!

Ramblings
from my past thinking...

I
had planned to place the PA board to the left of the TNT MO
board,
since the TNT output is on the left
side.

For a time I had been
all about making the cleanest signal possible,
which in my feeble mind more or less translated
to running the
oscillator lightly. Hence
the idea of assuring maximum efficiency of
power transfer from MO to PA was born. I
thought about keeping the
TNT swinging
antenna coil, running twisted pair from the TNT antenna
connection to another link coupled to a PA grid
coil which would
have a variable condenser
across it to resonate the grid circuit. I
suspect this could be made rather efficient and
allow for adjustable
coupling. However I
eventually scrapped the idea because it seems
overly complicated and (primarily) because I
couldn't find any 1920s
examples of
this approach. By now you know how I am. :) If I can't

find a 1920s example, it's not
happening! This is purely a matter of
personal choice.

My revised plan called for removing the TNT
antenna coil and using a
simple coupling
condenser from the hot end of the TNT tank coil to
the untuned PA grid. Most likely I would mount
the condenser on the
PA board and use a
flying lead with clip to attach to the TNT tank.

In either case the PA plate
tank coil would be a foot or more
distant
from the MO plate tank coil and could be placed at right
angles to it if coil-to-coil coupling is an

issue.

I am probably
overlooking a number of nightmarish details.

73,
Paul
N1BUG

10505. HC AWAGroup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-22 11:55:00 UTC
From: Louis Vermond
Topic: 10505 Message: 10505
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

10506. modulation trials

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-22 13:35:03 UTC
From: dulmagedon@...
Topic: 10506 Message: 10506

I spent the weekend testing several different style of modulators. Mostly on my ARC5.Some tests were good , some lacked something. during the night I was thinking about our self excitied osc ers and the problems that arise when trying to modulate. I am not whining because I have had several very successful attempt but sometimes a bit of FM creeps in. It is more often caused by the operators handling of wires (hand capacity etc)that go into areas that are RF determining areas then any particular relationship to the type of modulation tried. In that vane I arose this morning fired the 40M TNT and tried lacing the carbon mic away from me and speaking through a long cardboard tube to it. Basically replacing the wire going to the operator with a hose so to speak. It does work and in this case eliminated the problem. The mic however does not respond quite the same listening in a hose or tube as it does when being "spit"into however I don't think it is an insurmountable problem.

10507. Re: [AWA Group] modulation trials

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-22 15:02:29 UTC
From: Jon Delventhal
Topic: 10506 Message: 10507

Hand capacity effects are a different issue from incidental FM and will cause a very different type of frequency change. When people discuss incidental FM, they are not referring to hand capacity effects.

Why does your microphone cause hand capacity effects? Are you using absorption modulation?

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, December 22, 2014 7:35 AM
Subject: [AWA Group] modulation trials

I spent the weekend testing several different style of modulators. Mostly on my ARC5.Some tests were good , some lacked something. during the night I was thinking about our self excitied osc ers and the problems that arise when trying to modulate. I am not whining because I have had several very successful attempt but sometimes a bit of FM creeps in. It is more often caused by the operators handling of wires (hand capacity etc)that go into areas that are RF determining areas then any particular relationship to the type of modulation tried. In that vane I arose this morning fired the 40M TNT and tried lacing the carbon mic away from me and speaking through a long cardboard tube to it. Basically replacing the wire going to the operator with a hose so to speak. It does work and in this case eliminated the problem. The mic however does not respond quite the same listening in a hose or tube as it does when being "spit"into however I don't think it is an insurmountable problem.

10508. Re: AWA Journal Cumulative Index?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-22 17:26:54 UTC
From: w0vlz@...
Topic: 10469 Message: 10508

I've found a title only OTB/AWA Journal index covering 1960-2011. It is part of each of the OTB/AWA Journal Back Issue CDs available at the AWA Museum Store http://www.antiquewireless.org/museum-store1.html (I need someone with the Volume 3 1997-2011 CD to check that the index is on that CD following the precedent set by Vols 1 and 2). I've emailed Marc Ellis asking if there is any plan to put this index on the 'net and, if not, may I have permission to upload the index. Niel - W0VLZ

http://www.antiquewireless.org/museum-store1.html

Museum Store http://www.antiquewireless.org/museum-store1.html The photos to the right illustrate new AWA logo merchandise now available from the AWA Museum Store. Click on each thumbnail image to view larger images, ...

View on www.antiquewireless... http://www.antiquewireless.org/museum-store1.html
Preview by Yahoo

10509. Re: [AWA Group] Re: BK Recordings - VE3LYX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-23 00:31:50 UTC
From: dulmagedon@...
Topic: 10487 Message: 10509

Just a note of thanks Paul for your efforts in making the recordings. Interestingly for me both the 40M and the 80M are from my same rig (The Hartley I built a few weekends back)as it tunes both bands without switching. permission s given BTW
don

10510. Re: [AWA Group] modulation trials

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-23 13:23:19 UTC
From: dulmagedon@...
Topic: 10506 Message: 10510

When people discuss incidental FM
Well Jon I wasn't.
don

10511. QRP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-23 14:22:29 UTC
From: Louis Vermond
Topic: 10511 Message: 10511
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

10512. Re: [AWA Group] QRP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-23 15:57:38 UTC
From: Larry Szendrei
Topic: 10511 Message: 10512
Attachments: 1 described; binary payloads are missing from this source WARC

A pair of 852's in Class C telephony oughta be good for 120 - 150W. A single 849 class A Heising modulator would have no problem modulating that level. (I just consulted the RCA TT3 to make sure I knew what I was talking about).

Not QRP, but not quite QRO, either. (Yes Lou, I knew you were being facetious.)

73,
-Larry/NE1S

On 12/23/14 9:22 AM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
>

10513. Re: modulation trials

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-23 16:05:31 UTC
From: w0vlz@...
Topic: 10506 Message: 10513

Don,

You always have creative solutions to problems we see a lot using our 1929 rigs. I'd like to understand more about the results you are seeing.

You say "sometimes a bit of FM creeps in. It is more often caused by the operators handling of wires that go into areas that are RF determining areas" and then after using the cardboard tube (great creative idea, by the way) "in this case eliminated the problem".

- Is the problem you are talking about a shift in your unmodulated carrier frequency as you grab for the mike or a frequency shift during modulation/speaking (FM)?

- How are you checking for frequency shift of your unmodulated carrier?

- How are you checking for frequency shift while you are speaking?

Thanks,
Niel - W0VLZ

10514. Re: [AWA Group] Re: BK Recordings - VE3LYX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-23 22:00:31 UTC
From: N1BUG
Topic: 10487 Message: 10514

Thanks Don. It was my pleasure to work you and make recordings. I wish now I had spent a little more time saving sound files during the BK. Oh well, the Linc Cundall is coming up next month and a lot of people use their 1920s rigs in that one too. I managed to get the files I have permission to use posted to the web site today, in amongst other projects. I would give the web address but every time I do Yahoo throws a hissy fit and throws it in the spam trap where the group moderators have to deal with it. :-(It's my callsign dot com and follow the menu to Station, then Vintage, then Vintage Radio Sounds.

73,
Paul N1BUG

On 12/22/2014 07:31 PM, dulmagedon@... [AWAGroup] wrote:

Just a note of thanks Paul for your efforts in making the recordings. Interestingly for me both the 40M and the 80M are from my same rig (The Hartley I built a few weekends back)as it tunes both bands without switching. permission s given BTW

don

10515. Re: [AWA Group] Re: BK Recordings - VE3LYX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-23 22:18:56 UTC
From: Louis Vermond
Topic: 10487 Message: 10515

t's my callsign dot com and follow the menu to Station, then Vintage, then Vintage Radio Sounds.

Just hrd NE1S on 40. Gg to have Nitemares.

10516. Re: [AWA Group] Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-23 22:29:23 UTC
From: N1BUG
Topic: 10162 Message: 10516

Hi Ron,

Thanks for the note re your MOPA experiments. I am behind on correspondence also. I seem to have more projects than I can count.

My plan is to do the UX-210 > UX-865 MOPA. I assume (which I should never do!) the tetrode will drive a bit easier than another UX-210. One of my goals is to keep the required drive as low as possible which should maximize signal quality. I do have another UX-210 so I might try that tube in the PA also.

When operating with the TNT and my DX rig as a receiver, I do use full break in. I like it, which is the reason I prefer not to leave the oscillator running. I will try keying the oscillator alone, and both stages. I'm sure as a test I will try keying just the PA as well.

It was certainly a pleasure (as always!) to work you. I wish I had recorded your signal on 160 meters, but I didn't. Thanks for kindly allowing me to post the recordings of you! They are up on my web site at n1bug dot com (Yahoo gets upset when I try to post links here on the group). Your '29 rig always sounds incredible! It is almost like a modern signal.

347:00:45:10 until the next running of the BK! Tick... tick...

Seasons greetings to all!

Paul "Bugsy" N1BUG

On 12/21/2014 01:17 PM, Ron Barlow imalowfer@... [AWAGroup] wrote:
> Hi Paul,
>
> This note is a bit late! Family commitments, etc., have caused me
> to fall far behind, with e-mail reading, etc.
>
> I constructed a 841/841 MOPA, years ago, that I used during the
> first couple of BK events, that I participated in. (The 841 was a
> rather obscure high mu variant of the 10/210. I found a source
> that sold NOS 841s for fewer $ than used 10s were selling for).
>
> I had planned to key only the PA stage, while allowing the
> oscillator stage to be enabled as soon as the T/R switch was
> thrown to the xmit position. Break in capability wasn't a
> requirement, and this was the simple scheme that I had always
> used in the past with various hb HF xmtrs.
>
> To my surprise, the 841/841 xmtr actually chirped more, when

> doing this, as opposed to cathode keying both stages together!
> This despite the use of a stiff, dedicated B+ power supply rail
> for the oscillator stage!
>
> My MOPA used grid neutralization, for the PA stage, which is
> considered to be inferior to plate circuit neutralization.
> Perhaps the imperfect neutralization may have been the cause of
> this counterintuitive result?
>
> You may have a completely different result, Paul, especially if
> you do use an 865 tetrode in the PA stage. I will be keenly
> looking forward to reading about your experiments and results,
> with the 865 PA.
>
> My reason for posting this info was to explain my suggestion that
> you may wish to try both options (PA alone vs both stages).
>
> As for the BK recording, you definitely have my permission to use
> my transmissions. I will be looking forward to hearing what my
> signal sounds like, from way up there in Me!
>
> Thanks very much for the QSOs on all 3 bands, Paul!!!
>
> The countdown continues! Only ~ 350 days remaining (probably 357
> for me, unless Murphy fails to find me, next year), until the
> next fun session begins!!!
>
> Seasons greetings to all & vy 73 de Ron n4gjv

10517. Bruce Kelley 1929 Log List Emailed and Mailed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-23 22:32:57 UTC
From: Whitebear1122
Topic: 10517 Message: 10517

Seasons Greetings! I have sent out acknowledgements for the received emailed 29 QSO Party logs. Here is the list of emailed and snail mailed logs that I have so far. Let me know if I am missing any one. If you haven't sent yours in, please do so we can see who all participated and who you worked. There is no rush but please don't forget. Thanks. Merry Christmas and Happy New Year. 73, Scott WA9WFA operating as W2ICE/0 this year

EMAIL LOGS:
K7SF
W0LS
WA2OVJ
K0KP
KK7UV
W0VLZ
WA6VYN
VE7SL
W8KGI
VE7BDQ
NF1O
AB0CW
KE0Z
K4CHE
K0KCY
AA9DH

MAILED LOGS:
N8YE
W3BYM
K4LJH
K4JYS
KI0DB (or as Mark says KI0 DOG BISCUIT)
KC9WYV, Joe Weber, the youngest in the 29 event at 12 years
W3FJJ
KB0ROB
WB9WHG
W0CWU

10518. Re: [AWA Group] QRP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-23 23:29:26 UTC
From: Jon Delventhal
Topic: 10511 Message: 10518
Attachments: 1 described; binary payloads are missing from this source WARC

RCA made a broadcast transmitter that used a pair of 860 tubes modulated by a single 849. The 860 tubes are common and cheap now, so they would be a good substitute for the 852 if one wanted to build a higher powered 1929 style phone transmitter.

That broadcaster transmitter was pretty complex, but RCA also made a simpler high frequency MOPA transmitter that had one 860 tube as the master oscillator, two 860 tubes as the power amplifier, two parallel 849 tubes as the modulator, and one 203A tube as the speech amplifier. This would make an excellent 1929-style phone transmitter.
From: "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, December 23, 2014 9:57 AM
Subject: Re: [AWA Group] QRP

  A pair of 852's in Class C telephony oughta be good for 120 - 150W. A single 849 class A Heising modulator would have no problem modulating that level. (I just consulted the RCA TT3 to make sure I knew what I was talking about).

Not QRP, but not quite QRO, either. (Yes Lou, I knew you were being facetious.)

73,
-Larry/NE1S

On 12/23/14 9:22 AM, Louis Vermond ldvermond@... [AWAGroup] wrote:

10519. w0lgu log

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-24 00:26:39 UTC
From: dickens501@frontiernet.net
Topic: 10519 Message: 10519
Attachments: 2 described; binary payloads are missing from this source WARC

scott, I am resending my log. I didn't see my call on the list. please let me know if you get this.
tomW0lgu

10520. Updated Bruce Kelley 1929 Log List Emailed and Mailed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-24 03:29:25 UTC
From: Whitebear1122
Topic: 10517 Message: 10520

> Here is a correction to the list. I had an error in the MAILED LOGS:
>
> EMAIL LOGS:
> K7SF
> W0LS
> WA2OVJ
> K0KP
> KK7UV
> W0VLZ
> WA6VYN
> VE7SL
> W8KGI
> VE7BDQ
> NF1O
> AB0CW
> KE0Z
> K4CHE
> K0KCY
> AA9DH
>
> MAILED LOGS:
> N8YE
> W3BYM
> K4LJH
> K4JYS
> KI0DB (or as Mark says KI0 DOG BISCUIT)
> KC9WYV, Joe Weber, the youngest in the 29 event at 12 years
> W3FJJ
> KB0ROB
> WA8DOF
> W0CWU
>
>

10521. Re: [AWA Group] Re: BK Recordings - VE3LYX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-24 13:06:04 UTC
From: Larry Szendrei
Topic: 10487 Message: 10521

On 12/23/14 5:18 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> □
>
> Just hrd NE1S on 40. Gg to have Nitemares.
>
> ---
>

I'm like Chicken Man - "I'm everywhere, I'm everywhere" :-)

Somewhere around 7280 on AM, right?

73,
-Larry/NE1S

10522. 73 es MX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-24 17:00:15 UTC
From: K3PID
Topic: 10522 Message: 10522

The very best holiday wishes to all the members of this august group!

K3PID Ron

10523. Re: [AWA Group] QRP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-24 17:28:25 UTC
From: Larry Szendrei
Topic: 10511 Message: 10523

On 12/23/14 6:29 PM, Jon Delventhal ab9zg@... [AWAGroup] wrote:
> The 860 tubes are common and cheap now, so they would be a good
> substitute for the 852 if one wanted to build a higher powered 1929
> style phone transmitter.
>
>
Hi Jon,

Where and how much?

73,
-Larry/NE1S

10524. Re: [AWA Group] 73 es MX .. K3PID Ron

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-24 17:34:06 UTC
From: Louis Vermond
Topic: 10524 Message: 10524

The very best holiday wishes to all the members of this august group! K3PID Ron

Well well...

Synonyms of august in English:
distinguished, respected, eminent, venerable, hallowed, illustrious, prestigious, renowned,celebrated, honoured, acclaimed, esteemed, exalted, highly regarded, well thought of, of distinction, of repute; great, important, of high standing, lofty, high-ranking,noble, regal, royal, aristocratic;imposing, impressive, awe-inspiring, magnificent,majestic, imperial, stately, lordly, kingly, grand,dignified, solemn, proud

10525. QRP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-24 17:39:08 UTC
From: Louis Vermond
Topic: 10511 Message: 10525

http://www.ebay.com/itm/Unique-Vintage-JAN-CWL-860-WWII-Transmitting-Tube-New-Old-Stock-With-Box-/151523921925?pt=Vintage_Electronics_R2&hash=item2347879005

10526. Re: [AWA Group] QRP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-24 18:50:57 UTC
From: Larry Szendrei
Topic: 10511 Message: 10526

On 12/24/14 12:39 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> □
>
> http://www.ebay.com/itm/Unique-Vintage-JAN-CWL-860-WWII-Transmitting-Tube-New-Old-Stock-With-Box-/151523921925?pt=Vintage_Electronics_R2&hash=item2347879005
> <http://www.ebay.com/itm/Unique-Vintage-JAN-CWL-860-WWII-Transmitting-Tube-New-Old-Stock-With-Box-/151523921925?pt=Vintage_Electronics_R2&hash=item2347879005>
>
$99.99 starting bid, though. Jon had said "common and cheap," so I hope
he knows of another source. $100 or more is a non-starter. For me, anyway.

73,
-Larry/NE1S

10527. Re: [AWA Group] QRP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-24 19:29:17 UTC
From: Jon Delventhal
Topic: 10511 Message: 10527

Perhaps comparatively cheap and common would be a better way to put it. The 860 was used extensively in military transmitters and also in broadcast equipment, whereas the 852 was only used in amateur and experimental equipment.
One has to wait around until a reasonably priced tube shows up. A year or two ago, when I was buying tubes for a transmitter project, I was able to get two NOS 860 tubes on ebay for an average of $25, within a few months of waiting. I have seen many sell for between $20 and $50.

In contrast, a NOS 849 set me back $170. However, it does put out a good 135 watts of audio in class A with 3000 volts on the plate if the grid is driven somewhat positive, which seems pretty impressive to me. Some people will pay $50 for type 45 tubes which can only muster a couple watts.

From: "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, December 24, 2014 12:50 PM
Subject: Re: [AWA Group] QRP

On 12/24/14 12:39 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:

☐ http://www.ebay.com/itm/Unique-Vintage-JAN-CWL-860-WWII-Transmitting-Tube-New-Old-Stock-With-Box-/151523921925?pt=Vintage_Electronics_R2&hash=item2347879005

$99.99 starting bid, though. Jon had said "common and cheap," so I hope he knows of another source. $100 or more is a non-starter. For me, anyway.

73,
-Larry/NE1S

10528. Re: [AWA Group] QRP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-24 19:57:27 UTC
From: Louis Vermond
Topic: 10511 Message: 10528

Some people will pay $50 for type 45 tubes.. Others pay $350+ for a pair.

----- Original Message -----
From: Jon Delventhal ab9zg@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-12-24 2:29 PM
Subject: Re: [AWA Group] QRP

Perhaps comparatively cheap and common would be a better way to put it. The 860 was used extensively in military transmitters and also in broadcast equipment, whereas the 852 was only used in amateur and experimental equipment.

One has to wait around until a reasonably priced tube shows up. A year or two ago, when I was buying tubes for a transmitter project, I was able to get two NOS 860 tubes on ebay for an average of $25, within a few months of waiting. I have seen many sell for between $20 and $50.

In contrast, a NOS 849 set me back $170. However, it does put out a good 135 watts of audio in class A with 3000 volts on the plate if the grid is driven somewhat positive, which seems pretty impressive to me. Some people will pay $50 for type 45 tubes which can only muster a couple watts.

From: "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, December 24, 2014 12:50 PM
Subject: Re: [AWA Group] QRP

On 12/24/14 12:39 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:

☐
http://www.ebay.com/itm/Unique-Vintage-JAN-CWL-860-WWII-Transmitting-Tube-New-Old-Stock-With-Box-/151523921925?pt=Vintage_Electronics_R2&hash=item2347879005

$99.99 starting bid, though. Jon had said "common and cheap," so I hope he knows of another source. $100 or more is a non-starter. For me, anyway.

73,
-Larry/NE1S

10529. Re: [AWA Group] QRP & Larry's problem solved

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-24 20:31:41 UTC
From: Louis Vermond
Topic: 10529 Message: 10529

$99.99 starting bid, though. Jon had said "common and cheap," so I hope he knows of another source. $100 or more is a non-starter. For me, anyway.

73, -Larry/NE1S

Do not despair, Larry. PayPal the Corleone Loan Co. have recently partnered.

10530. Re: [AWA Group] QRP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-25 01:32:56 UTC
From: Ron Barlow
Topic: 10511 Message: 10530

Ouch!! Well, on my social insecurity paycheck, I'll be sticking with my stash of used (but hopefully not too badly abused) 24As and 27s!

Merry Christmas & Happy New Year to all!
Ron n4gjv

On Wed, 12/24/14, Louis Vermond ldvermond@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] QRP
To: AWAGroup@yahoogroups.com
Date: Wednesday, December 24, 2014, 2:57 PM ☐

Some people will pay $50 for type 45 tubes.. Others pay
$350+ for a pair.

----- Original Message -----

From:
Jon
Delventhal ab9zg@... [AWAGroup]
To: AWAGroup@yahoogroups.com

Sent: 2014-12-24 2:29
PM
Subject: Re: [AWA
Group] QRP

Perhaps
comparatively cheap
and common would be a better way to put it. The 860 was
used extensively in
military transmitters and also in broadcast equipment,
whereas the 852 was
only used in amateur and experimental equipment.

One has to
wait around until a
reasonably priced tube shows up. A year or two ago, when I
was buying tubes
for a transmitter project, I was able to get two NOS 860
tubes on ebay for an
average of $25, within a few months of waiting. I have
seen many sell for
between $20 and $50.

In
contrast, a NOS 849 set me
back $170. However, it does put out a good 135 watts of
audio in class A with
3000 volts on the plate if the grid is driven somewhat
positive, which seems
pretty impressive to me. Some people will pay $50 for type
45 tubes which can
only muster a couple watts.

10531. For Aviation Buff... 7OIL?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-25 01:59:11 UTC
From: Louis Vermond
Topic: 10531 Message: 10531

http://www.ebay.com/itm/LOT-6-PHOTO-POSTCARDS-INTERNATIONAL-AVIATION-MEET-1911-CHICAGO-BIPLANES-WRECKS-/121524073108?pt=Postcards_US&hash=item1c4b663294

10532. MOT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-25 11:59:56 UTC
From: dulmagedon@...
Topic: 10532 Message: 10532

Santas just dropped off two microwave transformers. They are Triad and the hi voltage winding (yes I know one side is grounded) has two connectors. One says HI and another says LO. ? 1500v and 2000V or what?
I also heard that some are 1.5 volt heater winding (bottom low voltage winding) but then read somewhere they are also sometimes 3 volt. Someone knows. I would like to.
don

10533. Re: [AWA Group] QRP & Larry's problem solved

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-25 12:57:48 UTC
From: Larry Szendrei
Topic: 10529 Message: 10533

On 12/24/14 3:31 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> □
>
>
> $99.99 starting bid, though. Jon had said "common and cheap," so I
> hope he knows of another source. $100 or more is a non-starter. For
> me, anyway.
>
> 73, -Larry/NE1S
> Do not despair, Larry. PayPal the Corleone Loan Co.have recently
> partnered.
>
>
OK, so now I get to pay a principle I can't afford, as well as interest
I can't afford ;-)

-L

10534. Re: [AWA Group] QRP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-25 12:58:45 UTC
From: Larry Szendrei
Topic: 10511 Message: 10534

On 12/24/14 2:29 PM, Jon Delventhal ab9zg@... [AWAGroup] wrote:
>
> One has to wait around until a reasonably priced tube shows up. A year
> or two ago, when I was buying tubes for a transmitter project, I was
> able to get two NOS 860 tubes on ebay for an average of $25, within a
> few months of waiting. I have seen many sell for between $20 and $50.
>
>
Thanks, Jon. So there IS hope...

It sure is a pretty tube.

73,
-Larry/NE1S

10535. Re: [AWA Group] MOT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-25 13:04:21 UTC
From: N1BUG
Topic: 10532 Message: 10535

Don,

It has been a while and memory has faded somewhat. Back in my high power VHF/UHF SSB/CW days many of us were poor and there was a lot of talk and some articles about using oven transformers. Seems like at that time (I suspect it hasn't changed much) most were 800 to 1200V with maybe a very few reaching 1500V. I'm trying to recall details, but there was something about magnetic shunts that had to be removed for transmitter use. Darned if I can recall the reason now but the articles went into it in some detail. Seems like it might have been the shunts cause the transformer to draw very high current and run unacceptably hot when a transmitter is at idle, not drawing much current? I'm not positive that was the reason but it sounds right. I wish I knew where those articles are now, but I didn't find any of them on a look through the big army filing cabinet. Hopefully someone with a better memory and/or more recent knowledge can shed some light on this for you.

73,
Paul N1BUG

On 12/25/2014 06:59 AM, dulmagedon@... [AWAGroup] wrote:

Santas just dropped off two microwave transformers. They are Triad and the hi voltage winding (yes I know one side is grounded) has two connectors. One says HI and another says LO. ? 1500v and 2000V or what?

I also heard that some are 1.5 volt heater winding (bottom low voltage winding) but then read somewhere they are also sometimes 3 volt. Someone knows. I would like to.

don

10536. Re: [AWA Group] QRP & 860 tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-25 13:11:49 UTC
From: N1BUG
Topic: 10511 Message: 10536

It sure is a pretty tube.

It's either pretty or pretty hideous, depending on one's perspective. I'm on the fence. :-)

I've seen a few good deals on 860 tubes also, but passed them by. One does have to wait as the $100 range is more common on ePay. I saw one and only one UX-860 a few years back, which I bought for more than I could really afford. It looks OK and the filament is good but I haven't tested the tube yet. There may have been more since then. I'm not sure I want to know. I haven't been in a position to spend anything on this aspect of the hobby in a long time and stopped looking because it was torturing me!

I would like to find another UX-865 or two, but have only ever seen the one that I bought. It looks well used and I'm hoping it has some life left in it. I know Jon said they show up, but probably during the time that I didn't have money and wasn't looking.

73,
Paul N1BUG

10537. RE: [AWA Group] MOT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-25 13:51:31 UTC
From: Steve Flood
Topic: 10532 Message: 10537

Some info on using MOT’s for ham application you may find useful:

http://lists.contesting.com/_amps/2008-04/msg00306.html

http://lists.contesting.com/_amps/2012-11/msg00154.html

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

10538. RE: [AWA Group] MOT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-25 15:35:34 UTC
From: dulmagedon@...
Topic: 10532 Message: 10538

Thank you both. Magnetic shunts I understand well. They were used by Olds in starters during the hi compression days (10 and 11 to 1)to over come that initial grunt and worked by the way quite well. I can see where they might have application in a microwave. I realize they are not perfect but I don't need a KW. 200watts would be wonderful and a bit more a bonus. As far as overheating when left on Idont run my HV transformers continuous on my amps anyway so I should be Ok. I use a separate heater transformer which runs constant but I switch the 120v line to the HV transformer when transmitting. It has worked well so far. I think I will put the units on a 12 or 24 volt transformer and measure first. long term project anyway. I see on the web lots on both sides of the fence. Of course for me I always pay attention to one who has actually done it. I didn't find any real life horror stories so far. Would have been fun to read Manfreds before translation. A lot gets lost in the process!. Speaking of AMPs Santa also restocked my supply of hi voltage bypass caps and I repaired my Twin 811A amp and have it back in operation.
Getting ready for the Linc deal . Building a 117P7 single tube self supplied TX PTO tuned and probably Colpitts design although I can switch it still if I change my mind. 117P7 is according to my records 1941.

10539. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-26 20:00:49 UTC
From: Louis Vermond
Topic: 130 Message: 10539

The transition year. Most exciting, OT informative of the 20s.

Post Chrismas. Pse buy, need the commission...

10540. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-27 14:06:11 UTC
From: Louis Vermond
Topic: 130 Message: 10540

Interesting idea

http://www.ebay.co.uk/itm/2-VALVE-1930s-AMPLIFIER/111558079535?_trksid=p2047675.c100010.m2109&_trkparms=aid%3D555012%26algo%3DPW.MBE%26ao%3D1%26asc%3D20140221143405%26meid%3D5b2153b4a98847dca1e8dff3c9a41494%26pid%3D100010%26prg%3D20140221143405%26rk%3D1%26rkt%3D24%26sd%3D391007981534

10541. Re: eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-27 16:08:14 UTC
From: dulmagedon@...
Topic: 130 Message: 10541

Interesting idea. I often thought that is what my DX60B needed a dual 6146B adapter. Not 1930s but same idea. To that end I have built two 3e29 tubes with octal bottoms wired for 6146 pinout adapted (soldered and glued) but never had the nerve to try them as I don't want to kill my rig. In fact the 3e29 probably wouldn't give much anyway like a pair of 6146Bs . I had surmised because the rig is controlled carrier and spends so little time at full throttle and because I am not capable of an old buzzard transmission the power supply could stand it most likely. Certainly for a quick test.
However now I think a device pairing a pair of 45 tubes could be popped into one of my 01A rigs for a real gain in power. Heater voltage if seriesed would be right, Bench PS can easily handle it as it is used for many such deals anyway. Power out should be a substantial increase. Stay tuned, this may happen.
don

10542. Reminder

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-28 17:56:46 UTC
From: Louis Vermond
Topic: 10542 Message: 10542

Classic Exchange "CX"
January 18, 2015 - CW
http://www.classicexchange.org/jan15ann.html

10543. Re: [AWA Group] Reminder

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-28 18:06:16 UTC
From: Larry Szendrei
Topic: 10542 Message: 10543

On 12/28/14 12:56 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
>
> Classic Exchange "CX"
>
>
> January 18, 2015 - CW
>
> http://www.classicexchange.org/jan15ann.html
>
> ---
>
Same day as Linc Cundall (not that that's a conflict). But I suggest
that ops who are working either contest be familiar with the required
exchange for each, so that all contacts made on the 18th up until 1800
EST can count for points for either or both.

73,
-Larry/NE1S

10544. For Sale or Trade?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-28 18:29:29 UTC
From: Louis Vermond
Topic: 10544 Message: 10544

Does anyone have a 1920s dial, 0-100 or 100-0, maximum diameter 2" for 1/4" shaft?

73, Lou

10545. Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-28 21:30:44 UTC
From: Ron Barlow
Topic: 10162 Message: 10545

Hi Paul,

Thank you very much for posting the audio files, and for the complimentary sig report!

I did a bit of review type research on the 865 tetrode, and I thought that you might be interested in the findings.
IIRC (and sometimes I do), the ST 865 physically resembles the 807. The comparison ends there, as the power gain of the 807 is somewhere in the vicinity of 250+, when operated in the class "C" mode, vs a power gain of only 16 (best case scenario), for the 865!
This realization provided me with a little insight regarding what a great breakthrough the pentode, and beam power tetrode designs actually were, compared to the (non radial beam) tetrode technology, that was available, in the days of yore!
The other shortcoming, of the 865, is its poor plate conversion efficiency, which is stated to be only slightly over 50% (best case scenario).
The 10/210/841 has a power gain of only ~ 6, so on the surface, it appears that the 865 may be a better choice, with regard to power sensitivity.
However, I noticed that an 801 etc, has a power gain of 15, when biased to operate in the class "B" mode. And, its efficiency in class "B" is substantially better than the efficiency achieved by the 865, in class "C"!!
It appears that the 210 can yield more net power output, for a given amount of drive power.
On the other hand, AFAIK, the 865 can be purchased for substantially fewer $ than the 10/210 can, and therefore may still be of interest to those of us that have a very thin budget.

I had explored some of this, some years ago, but I did not research the possibility of operating the 10 in the class "B" mode, at the time.
Enough of my rant! Excuse me, but I find this "stuff" to be interesting, so I tend to get "carried away"!
73 & HNY to Paul, and anyone else, that may have read this far!
de Ron n4gjv

PS: Only about 17 days to the LC! I hope to CU there!

On Tue, 12/23/14, N1BUG paul@n1bug.com [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Two Board MOPA
To: AWAGroup@yahoogroups.com
Date: Tuesday, December 23, 2014, 5:29 PM

Hi Ron,

Thanks for the note re your
MOPA experiments. I am behind on
correspondence also. I seem to have more
projects than I can count.

My plan is to do the UX-210 > UX-865 MOPA. I
assume (which I should
never do!) the
tetrode will drive a bit easier than another UX-210.
One of my goals is to keep the required drive
as low as possible
which should maximize
signal quality. I do have another UX-210 so I
might try that tube in the PA also.

When operating with the TNT
and my DX rig as a receiver, I do use
full
break in. I like it, which is the reason I prefer not to
leave
the oscillator running. I will try
keying the oscillator alone, and
both
stages. I'm sure as a test I will try keying just the PA
as well.

It was certainly a
pleasure (as always!) to work you. I wish I had
recorded your signal on 160 meters, but I
didn't. Thanks for kindly
allowing me
to post the recordings of you! They are up on my web
site at n1bug dot com (Yahoo gets upset when I
try to post links
here on the group). Your
'29 rig always sounds incredible! It is
almost like a modern signal.

347:00:45:10 until the next
running of the BK! Tick... tick...

Seasons greetings to all!

Paul "Bugsy" N1BUG

10546. QSL Cards

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-28 23:19:31 UTC
From: Eddy Swynar
Topic: 10546 Message: 10546
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Guys,

I received a batch of QSL cards from the incoming bureau here the other day, & it struck me, as I thumbed through all of them, how VERY FEW were of the "old-fashioned" type, similar to the one pictured below...

A good 99% of them---honestly!---were of the full-colour, photo variety. That's nice (indeed, as are ALL QSL cards, IMHO), but it sure does make one long for "...ye olden golden daze" when photo QSLs were primarily the reserve of only well-heeled Hams, running Collins S-lines...!

Time marches on, I guess...and I'm just as guilty in my current QSL card design, too, I s'pose...!

~73~ de Eddy VE3CUI - VE3XZ

10547. Fw: [AWA Group] QSL Cards [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-29 00:31:16 UTC
From: Louis Vermond
Topic: 10547 Message: 10547

Guess we won't be finding any OT gear in his attic, Eddy.

https://www.google.co.uk/maps/place/10+Delisle+Ave,+Toronto,+ON+M4V+3C6,+Canada/@43.6890104,-79.3950509,3a,75y,327.07h,90t/data=!3m4!1e1!3m2!1sBVG2OVSeASHDYb_azexLqw!2e0!4m2!3m1!1s0x882b3344c4d0bd4b:0x5c02a8ad0a01484a!6m1!1e1

10548. Dual 6146s in a DX-60

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-29 00:42:36 UTC
From: JAMES HANLON
Topic: 10548 Message: 10548

Don,

If you are interested in putting a pair of 6146s into your DX-60, have a look at this web page. http://www.arizona-am.net/TUCSON/K3YAZ/indes.html . Frank has done it and he gives details on this page. I have worked his DX-60 on 40 meter phone, and it sounds very good.

Jim, W8KGI

10549. Re: [AWA Group] Dual 6146s in a DX-60

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-29 01:03:14 UTC
From: Michael A. Bittner
Topic: 10548 Message: 10549

File not found
http://www.arizona-am.net/TUCSON/K3YAZ/indes.html .

----- Original Message -----
From: JAMES HANLON knjhanlon@... [AWAGroup]
To: AWA Group
Sent: Sunday, December 28, 2014 4:42 PM
Subject: [AWA Group] Dual 6146s in a DX-60

Don,

If you are interested in putting a pair of 6146s into your DX-60, have a look at this web page. http://www.arizona-am.net/TUCSON/K3YAZ/indes.html . Frank has done it and he gives details on this page. I have worked his DX-60 on 40 meter phone, and it sounds very good.

Jim, W8KGI

10550. Re: [AWA Group] Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-29 01:08:10 UTC
From: Jon Delventhal
Topic: 10162 Message: 10550

Ron,
I do not think that the class-C plate efficiency of the 865 that is listed in the data sheet is realistic. Last time this question came up a few years ago, I built a circuit using an 865 tube and measured the efficiency:

Plate voltage 750v
Plate current 60mA
Screen voltage derived from plate voltage with a 45k series resistor.
Grid voltage -105 volts from grid leak resistor
Grid current 7 mA

On 80 meters, the output power was about 31 watts (which is 69% efficiency), measured by checking the voltage across a dummy load using an oscilloscope. (I don't have a fancy wattmeter). The dummy load was capacitively tapped directly to the PA tank, not inductively coupled. A fairly high-impedance tank circuit was used to help maximize efficiency.

The plate efficiency of true tetrodes will not be as great as triodes, because the plate voltage cannot swing below the screen voltage, but they are not as bad as shown by that data sheet.
Jon
From: "Ron Barlow imalowfer@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Sunday, December 28, 2014 3:30 PM
Subject: [AWA Group] Two Board MOPA

Hi Paul,

Thank you very much for posting the audio files, and for the complimentary sig report!

I did a bit of review type research on the 865 tetrode, and I thought that you might be interested in the findings.
IIRC (and sometimes I do), the ST 865 physically resembles the 807. The comparison ends there, as the power gain of the 807 is somewhere in the vicinity of 250+, when operated in the class "C" mode, vs a power gain of only 16 (best case scenario), for the 865!
This realization provided me with a little insight regarding what a great breakthrough the pentode, and beam power tetrode designs actually were, compared to the (non radial beam) tetrode technology, that was available, in the days of yore!
The other shortcoming, of the 865, is its poor plate conversion efficiency, which is stated to be only slightly over 50% (best case scenario).
The 10/210/841 has a power gain of only ~ 6, so on the surface, it appears that the 865 may be a better choice, with regard to power sensitivity.
However, I noticed that an 801 etc, has a power gain of 15, when biased to operate in the class "B" mode. And, its efficiency in class "B" is substantially better than the efficiency achieved by the 865, in class "C"!!
It appears that the 210 can yield more net power output, for a given amount of drive power.
On the other hand, AFAIK, the 865 can be purchased for substantially fewer $ than the

10/210 can, and therefore may still be of interest to those of us that have a very thin budget.

I had explored some of this, some years ago, but I did not research the possibility of operating the 10 in the class "B" mode, at the time.
Enough of my rant! Excuse me, but I find this "stuff" to be interesting, so I tend to get "carried away"!
73 & HNY to Paul, and anyone else, that may have read this far!
de Ron n4gjv

PS: Only about 17 days to the LC! I hope to CU there!

On Tue, 12/23/14, N1BUG paul@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Two Board MOPA
To: AWAGroup@yahoogroups.com
Date: Tuesday, December 23, 2014, 5:29 PM

Hi Ron,

Thanks for the note re your
MOPA experiments. I am behind on
correspondence also. I seem to have more
projects than I can count.

My plan is to do the UX-210 > UX-865 MOPA. I
assume (which I should
never do!) the
tetrode will drive a bit easier than another UX-210.
One of my goals is to keep the required drive
as low as possible
which should maximize
signal quality. I do have another UX-210 so I
might try that tube in the PA also.

When operating with the TNT
and my DX rig as a receiver, I do use
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break in. I like it, which is the reason I prefer not to
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the oscillator running. I will try
keying the oscillator alone, and
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stages. I'm sure as a test I will try keying just the PA
as well.

It was certainly a
pleasure (as always!) to work you. I wish I had
recorded your signal on 160 meters, but I
didn't. Thanks for kindly
allowing me
to post the recordings of you! They are up on my web

site at n1bug dot com (Yahoo gets upset when I try to post links
here on the group). Your
'29 rig always sounds incredible! It is
almost like a modern signal.

347:00:45:10 until the next
running of the BK! Tick... tick...

Seasons greetings to all!

Paul "Bugsy" N1BUG

10551. Re: QSL Cards

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-29 02:18:41 UTC
From: dulmagedon@...
Topic: 10546 Message: 10551

I was licensed originally as VE3LYUand operated on it for most of my CW restricted days. Smartly there after I ordered 1000 old style QSL cards. They came and I used them till one night I heard VE3LYU answering VE3LYU. Derick Squires as his name and he was in the military. First we had enough presence of mind to exchange cards and I still have his. Then I went to Kingston to meet with the radio inspector to sort it out as we agreed and made sure to mention I had invested what seemed like a small fortune then in QSL cards. Did the inspector care? Nope. Derick got the VE3LYU call and I got stuck with VE3LYX and about 950 semi useless QSL cards. Derick unfortunately became a silent key a few years ago although his widow still runs the VE3LYU plates on their car. The call was reissued and I have heard him on the air. I had hoped I could get it on reissue but Lucky isn't one of my names. I kept my stack of QSL cards till last year and then chucked them in disgust. Now I just have an email one.
don

10552. Re: [AWA Group] QSL Cards [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-29 05:29:18 UTC
From: Daniel Petersen
Topic: 10546 Message: 10552
Attachments: 1 described; binary payloads are missing from this source WARC

Eddy - This one should qualify. I use it for "antique" contacts. Only Steve (VE)7SL has one and I have his "7SL" card
73,
Dan - (W) 7OIL

On Sun, Dec 28, 2014 at 3:19 PM, Eddy Swynar deswynar@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

> *Hi Guys,*
>
> I received a batch of QSL cards from the incoming bureau here the other
> day, & it struck me, as I thumbed through all of them, how *VERY FEW *were
> of the "old-fashioned" type, similar to the one pictured below...
>
> A good 99% of them---*honestly!*---were of the full-colour, photo
> variety. That's nice (indeed, as are *ALL* QSL cards, IMHO), but it sure
> does make one long for "..*.ye olden golden daze*" when photo QSLs were
> primarily the reserve of only well-heeled Hams, running *Collins*
> S-lines...!
>
> Time marches on, I guess...and I'm just as guilty in my current QSL card
> design, too, I s'pose...!
>
> *~73~ de Eddy VE3CUI - VE3XZ*
>
>
>
>
>
>

--

73,
Dan - W7OIL

10553. Re: [AWA Group] Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-29 10:36:53 UTC
From: dulmagedon@...
Topic: 10162 Message: 10553

Has anyone played with a 50?
don

10554. Re: [AWA Group] Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-29 11:56:02 UTC
From: Larry Szendrei
Topic: 10162 Message: 10554

On 12/29/14 5:36 AM, dulmagedon@... [AWAGroup] wrote:
>
> Has anyone played with a 50?
> don
>
> _
>
Not me, I was never lucky enough to come across one. Except in a friends barn several years agol and now he can't find it. :-((He's a good ham and vintage radio enthusiast, so I'm sure it didn't get chucked - at least not by him). There is no way I can or will pay the going price for one now. I heard early use of the '50 in RF service prompted the development of the '10, as the '50 was designed only with audio service in mind. Of course that didn't stop hams from using other audio tubes for RF ('42, '45, '46, '47, '71, 2A3, 6F6, 6L6, 6V6, etc.)

I know listmember Jon AB9ZG has, though, as he used one as a Heising modulator in a MOPA rig Bruce W1UJR now has. I helped Bruce to test out that transmitter about a year ago (or was it 2 years ago?), but we could only fire it up on CW, as we had no '50 available to us. That is one beautiful transmitter, BTW.

73,
-Larry/NE1S

10555. Re: [AWA Group] QSL Cards

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-29 13:08:27 UTC
From: Eddy Swynar
Topic: 10546 Message: 10555

On 2014-12-29, at 12:29 AM, Daniel Petersen dan.w7oil@... [AWAGroup] wrote:

>
> Eddy - This one should qualify. I use it for "antique" contacts. Only Steve (VE)7SL has one and I have his "7SL" card
> 73,
> Dan - (W) 7OIL

Hi Dan,

Yup, that qualifies, alright...! Hi Hi

A VERY nice salute to days gone by...congratulations!

~73~ de Eddy VE3CUI - VE3XZ

10556. Re: [AWA Group] Re: QSL Cards

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-29 13:15:27 UTC
From: Eddy Swynar
Topic: 10546 Message: 10556

On 2014-12-28, at 9:18 PM, dulmagedon@... [AWAGroup] wrote:

> I was licensed originally as VE3LYUand operated on it for most of my CW restricted days. Smartly there after I ordered 1000 old style QSL cards. They came and I used them till one night I heard VE3LYU answering VE3LYU. Derick Squires as his name and he was in the military. First we had enough presence of mind to exchange cards and I still have his. Then I went to Kingston to meet with the radio inspector to sort it out as we agreed and made sure to mention I had invested what seemed like a small fortune then in QSL cards. Did the inspector care? Nope. Derick got the VE3LYU call and I got stuck with VE3LYX and about 950 semi useless QSL cards. Derick unfortunately became a silent key a few years ago although his widow still runs the VE3LYU plates on their car. The call was reissued and I have heard him on the air. I had hoped I could get it on reissue but Lucky isn't one of my names. I kept my stack of QSL cards till last year and then chucked them in disgust. Now I just have an email one.
> don
>
>

Hi Don,

That surely qualifies as being one of the weirdest Ham radio stories that I've ever been privy to...!

I wonder if the radio inspector took a look at the actual DATES that you guys were issued the same call signs, & that Derick maybe preceded yours on the calendar...? Hence the nod for VE3LYU being directed toward him...?

Some 30 years ago I ordered up a batch of QSLs from the USA, and when they arrived, the printer had inadvertently printed my call sign on the front of them as VE3QUI, rather than VE3CUI. He was nice enough to print me up a correct batch, & accepted the return of the'QUI cards---he probably ended-up using them as samples for his business...

~73~ de Eddy VE3CUI - VE3XZ

10557. Re: [AWA Group] Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-29 13:29:45 UTC
From: dulmagedon@...
Topic: 10162 Message: 10557

If I find two I'll see you get one. I am also on a squeaker budget my pension being what I saved in my cookie jar. Sometimes itis a big advantage. Heard you on 80 yesterday . heavy metal net?
don

10558. Re: [AWA Group] Re: QSL Cards

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-29 14:01:46 UTC
From: dulmagedon@...
Topic: 10546 Message: 10558
Attachments: 2 described; binary payloads are missing from this source WARC

Here they are. I was licensed in mid 1981 and operated well into 1982 before we bumped into each other on air. Derrick wouldn't send me the QSL until i got it fixed. His note says VE3LYX (was VE3LYU) so he wasn't giving up his turf. He was very upset at first until he finally realized it wasn't something I did. it was simply a clerical error.
don
I don't collect QSL much nowadays but looked through what I have from my first year or so. All but two are to VE3LYU. I did a lot of 10M Dx after I got my 6 months permission slip and even after I got my advanced ticket.
Don't hardly go there anymore. Why I don't know.

10559. Re: [AWA Group] Re: QSL Cards [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-29 14:24:19 UTC
From: Eddy Swynar
Topic: 10546 Message: 10559

On 2014-12-29, at 9:01 AM, dulmagedon@... [AWAGroup] wrote:

> Here they are. I was licensed in mid 1981 and operated well into 1982 before we bumped into each other on air. Derrick wouldn't send me the QSL until i got it fixed. His note says VE3LYX (was VE3LYU) so he wasn't giving up his turf. He was very upset at first until he finally realized it wasn't something I did. it was simply a clerical error.
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> I don't collect QSL much nowadays but looked through what I have from my first year or so. All but two are to VE3LYU. I did a lot of 10M Dx after I got my 6 months permission slip and even after I got my advanced ticket.
> Don't hardly go there anymore. Why I don't know.
>
>

Hi Don,

That's surprisingly small & petty of Derrick to have behaved like that...but as I said earlier, I have little doubt but that the RI looked at the issuing dates of both issuances, & his most likely preceded yours. What other reason would there have been for the inspector to rule in his favour, save for "...first past the post," right...?

I continue to enjoy filling-out, and receiving, QSL cards here: in fact, I 100% QSL ALL DX contacts that I make here---have done so since first getting licensed in April(?) of 1971, and continue the tradition to this very day.

I know, I know: it costs money, takes time, is expensive overall, & it's a foolish thing to do, considering we now have eQSL & LotW...but y'know what...? To-day, we also have computerized extensions of radios, on-line DX spotting & chat rooms, roofing filters, surface-mount construction, etc. etc. etc. So why is it that we continue to indulge ourselves with hardware, & tubes, using technology that preceded the coming of The Great Depression...?!

Because it's fun, it's nostalgic, it's TRADITIONAL.

END of argument!

~73~ de Eddy VE3CUI - VE3XZ

10560. Re: [AWA Group] Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-29 15:26:25 UTC
From: Jon Delventhal
Topic: 10162 Message: 10560

Larry,
I'm pretty sure I asked Bruce if he had the required tubes. I would have included a 50 if I knew he needed one. Were you able to get the transmitter working correctly?

I have purchased 4 globe 50 tubes on ebay for an average of $55. One of them tested "marginal," but still puts out full power audio in class-A. The key to getting tubes on ebay for cheap is to have them email you when a tube of interest is listed, and then enter a snipe for that tube with a sniping tool. You don't usually win but sometimes you do. This method has not yet worked for me with 851 tubes, however.

Don,
A type-50 will put out close to 6 watts of audio in class-A when given 500 volts and 50 mA. I have not tried them on RF because they have a bad reputation for RF and because they are more expensive nowadays than 50-watters. I also worry about using oxide filament tubes for RF since the emissive surface is more readily damaged by overloads than thoriated tungsten filaments, especially if they have a low plate resistance like the type 50.

Jon

From: "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, December 29, 2014 5:56 AM
Subject: Re: [AWA Group] Two Board MOPA

On 12/29/14 5:36 AM, dulmagedon@... [AWAGroup] wrote:

  Has anyone played with a 50?
don _

Not me, I was never lucky enough to come across one. Except in a friends barn several years agol and now he can't find it. :-((He's a good ham and vintage radio enthusiast, so I'm sure it didn't get chucked - at least not by him). There is no way I can or will pay the going price for one now. I heard early use of the '50 in RF service prompted the development of the '10, as the '50 was designed only with audio service in mind. Of course that didn't stop hams from using other audio tubes for RF ('42, '45, '46, '47, '71, 2A3, 6F6, 6L6, 6V6, etc.)

I know listmember Jon AB9ZG has, though, as he used one as a Heising modulator in a MOPA rig Bruce W1UJR now has. I helped Bruce to test out that transmitter about a year ago (or was it 2 years ago?), but we could only fire it up on CW, as we had no '50 available to us. That is one beautiful transmitter, BTW.

73,
-Larry/NE1S

10561. ARRL's "YOUR NOVICE ACCENT"

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-29 15:27:27 UTC
From: Eddy Swynar
Topic: 10561 Message: 10561

Hi Guys,

Can any of you recall receiving---and READING---the free-to-every-new-Ham publication that was once put out by the ARRL entitled, "YOUR NOVICE ACCENT"...?

I PORED over mine here when I got mine in '71, and the CW techniques that I learned from it, I use to this very day. It's a darn good read, NOW perhaps more than ever! An EXCELLENT refresher course in CW "style", too, if you need one...

If there's any interest, I scanned all 4 pages here---but they are of a very SMALL format (I'll NEVER master this stupid Apple iMac computer here!). Perhaps you computer gurus out there might know how to enlarge these into readable format, for benefit of all on-line. No matter, will be glad to send them all along, if anyone so desires...!

~73~ de Eddy VE3CUI - VE3XZ

10562. Re: [AWA Group] ARRL's "YOUR NOVICE ACCENT"

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-29 15:56:15 UTC
From: Louis Vermond
Topic: 10561 Message: 10562

If there's any interest, I scanned all 4 pages here--- Eddy, I'll take one. Tks, Lou

----- Original Message -----
From: Eddy Swynar deswynar@xplornet.ca [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-12-29 10:27 AM
Subject: [AWA Group] ARRL's "YOUR NOVICE ACCENT"

Hi Guys,

Can any of you recall receiving---and READING---the free-to-every-new-Ham publication that was once put out by the ARRL entitled, "YOUR NOVICE ACCENT"...?

I PORED over mine here when I got mine in '71, and the CW techniques that I learned from it, I use to this very day. It's a darn good read, NOW perhaps more than ever! An EXCELLENT refresher course in CW "style", too, if you need one...

If there's any interest, I scanned all 4 pages here---but they are of a very SMALL format (I'll NEVER master this stupid Apple iMac computer here!). Perhaps you computer gurus out there might know how to enlarge these into readable format, for benefit of all on-line. No matter, will be glad to send them all along, if anyone so desires...!

~73~ de Eddy VE3CUI - VE3XZ

10563. Re: [AWA Group] Re: QSL Cards [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-29 18:00:19 UTC
From: dulmagedon@...
Topic: 10546 Message: 10563

"Because it's fun"
You'll get no argument from me on that one.
don

10564. Re: [AWA Group] Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-29 19:14:51 UTC
From: Ron Barlow
Topic: 10162 Message: 10564

Hi Jon,

Thank you very much for the most interesting info, on the 865!
Your note inspired to look up the 865 data, in my old TT3 RCA xmitting tube manual. I apparently never researched the 865 data, via that source, before today.
This manual does not include typical operating conditions, only max ratings, for the 865. However, the data given for max ratings, very strongly indicates that the actual plate conversion efficiency is spot on, with what you measured, Jon.

This causes me to wonder where the uninspiring numbers, that appear in old handbooks and on Franks Electron tube pages, actually came from??

For the benefit of those that wish to put their 865's to work, the TT3 manual states that this tube should be mounted in a vertical position, only. They also go on to state that the screen grid, and the anode will show only a barely perceptible red color, when operated at max ratings--(3W for the screen grid, and 15W for the anode). This would presumably be a reasonably good indicator of the plate conversion efficiency, for those of us that have a dearth of test equipment.

This sort of info is not included on the usual data sheet, so I thought that I would pass it along, for those that may be interested.

Thanks agn., Jon!

HNY/vy 73 to all,

Ron n4gjv

On Sun, 12/28/14, Jon Delventhal ab9zg@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Two Board MOPA
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Date: Sunday, December 28, 2014, 8:08 PM

Ron,
I do not
think that the class-C plate efficiency of the 865 that is
listed in the data sheet is realistic. Last time this
question came up a few years ago, I built a circuit using an
865 tube and measured the efficiency:

Plate voltage 750v
Plate current
60mA
Screen
voltage derived from plate voltage with a 45k series
resistor.

Grid
voltage -105 volts from grid leak resistor
Grid current 7 mA

On 80 meters, the output power
was about 31 watts (which is 69% efficiency), measured by
checking the voltage across a dummy load using an
oscilloscope. (I don't have a fancy wattmeter). The
dummy load was capacitively tapped
directly to the PA tank, not inductively coupled. A fairly
high-impedance tank circuit was used to help maximize
efficiency.

The plate
efficiency of true tetrodes will not be as great as triodes,
because the plate voltage cannot swing below the screen
voltage, but they are not as bad as shown by that data
sheet.
Jon

LC! I hope to CU there!

10565. Re: [AWA Group] Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-29 20:23:25 UTC
From: Larry Szendrei
Topic: 10162 Message: 10565

On 12/29/14 8:29 AM, dulmagedon@... [AWAGroup] wrote:
>
> If I find two I'll see you get one. I am also on a squeaker budget my
> pension being what I saved in my cookie jar. Sometimes itis a big
> advantage. Heard you on 80 yesterday . heavy metal net?
> don
>
>
Don, if you find two '50s at an affordable price I'll gladly buy one
from you, including finder's fee ;-)

I know what you mean about being forced to make do, often it does work
to one's advantage and inspires creativity,

Yesterday afternoon I was on the AWA Sunday PM AM net; Sat. night I was
participating in Heavy Metal Night from 5PM - 11PM EST. First time I've
stayed up that late playing radio (or doing anything, for that matter)
for a long, long time! All on 75M; all on AM.

73,
-Larry/NE1S

10566. Re: [AWA Group] Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-29 20:33:12 UTC
From: Larry Szendrei
Topic: 10162 Message: 10566

On 12/29/14 10:26 AM, Jon Delventhal ab9zg@... [AWAGroup] wrote:
> Larry,
>
> I'm pretty sure I asked Bruce if he had the required tubes. I would
> have included a 50 if I knew he needed one.
Bruce had the UX-210's - we borrowed them from a 160M PP TNT made by W2AO that Bruce had bought from Stu. He didn't have any '81s, so we made some solid-state plug in replacements in order test the transmitter on CW. Neither of us have/had any '50s.
> Were you able to get the transmitter working correctly?
Yes, it fired up fine on CW, both in Hartley and Xtal-controlled "modes." We loaded it up to around 20W into a 50-ohm dummy load, IIRC.
>
>
> I have purchased 4 globe 50 tubes on ebay for an average of $55. One
> of them tested "marginal," but still puts out full power audio in
> class-A. The key to getting tubes on ebay for cheap is to have them
> email you when a tube of interest is listed, and then enter a snipe
> for that tube with a sniping tool. You don't usually win but sometimes
> you do. This method has not yet worked for me with 851 tubes, however.
OK. I don't really do Ebay auctions, I've only won 2 total and that was about 15 years ago! I have bought non-auctioned items from Ebay vendors recently at a set price. I knew sniping tools existed, but other than that I know nothing about them.
>
> Don,
>
> A type-50 will put out close to 6 watts of audio in class-A when given
> 500 volts and 50 mA. I have not tried them on RF because they have a
> bad reputation for RF and because they are more expensive nowadays
> than 50-watters. I also worry about using oxide filament tubes for RF
> since the emissive surface is more readily damaged by overloads than
> thoriated tungsten filaments, especially if they have a low plate
> resistance like the type 50.
>
Yep. Save they type '50s for modulators!

73,
-Larry/NE1S

10567. Re: [AWA Group] Two Board MOPA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-29 21:21:20 UTC
From: dulmagedon@...
Topic: 10162 Message: 10567

Lost track of my days. It was the heavy metal deal. I have a fellow I was just talking to who has boxes of tubes and wanted to reduce so he had just a few popular ones to look after. I told him I could help him with that problem. I have gotten an NOS 45 , a 83from him. He has 15 PT15 tubes (Lanc Bomber supressor grid modulated finals). I will keep an eye peeld when I am there. No finders fee. Cover me or trade forward is fine. First I gotta find em. I was chasing him for a 26 tube which I KNOW he has.
don

10568. Updated Bruce Kelley 1929 Log List Emailed and Mailed as of Dec 28

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-29 21:22:01 UTC
From: whitebear1122@...
Topic: 10517 Message: 10568

Happy Holidays to all! Just got home from holiday travel to the relatives. Here is the current 1929 QSO Party Log list for emailed and snail mailed logs as of Dec 28. Haven't checked the mailbox yet today. I know there is a famous Ontario Canada ham not on the list yet :)

EMAIL LOGS:
K7SF
W0LS
WA2OVJ
K0KP
KK7UV
W0VLZ
WA6VYN
VE7SL
W8KGI
VE7BDQ
NF1O
AB0CW
KE0Z
K4CHE
K0KCY
AA9DH
NE1S
W2LB
W0LGU
N1BUG
>
MAILED LOGS:
N8YE
W3BYM
K4LJH
K4JYS
KI0DB (or as Mark says KI0 DOG BISCUIT)
KC9WYV, Joe Weber, the youngest in the 29 event at 12 years
W3FJJ
KB0ROB
WA8DOF
W0CWU
W2AO
AA2YV
>

10569. Re: [AWA Group] Updated Bruce Kelley 1929 Log List Emailed and Mailed as of Dec 28

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-29 21:33:26 UTC
From: Louis Vermond
Topic: 10517 Message: 10569

I know there is a famous Ontario Canada ham not on the list yet :) VE3GRO...get that log in! Man 'o man, sum peoples famous Ontario Canada hams!

Me? I'm messing about with the Word log sheet. Soon, Scott, soon.

73, Lou

Happy Holidays to all! Just got home from holiday travel to the relatives. Here is the current 1929 QSO Party Log list for emailed and snail mailed logs as of Dec 28. Haven't checked the mailbox yet today. I know there is a famous Ontario Canada ham not on the list yet :)

EMAIL LOGS:
K7SF
W0LS
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W8KGI
VE7BDQ
NF1O
AB0CW
KE0Z
K4CHE
K0KCY
AA9DH
NE1S
W2LB
W0LGU
N1BUG
>
MAILED LOGS:
N8YE
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KI0DB (or as Mark says KI0 DOG BISCUIT)
KC9WYV, Joe Weber, the youngest in the 29 event at 12 years
W3FJJ
KB0ROB
WA8DOF
W0CWU

W2AO
AA2YV
>

10570. Re: [AWA] Updated Bruce Kelley 1929 Log List Emailed and Mailed as of Dec 28

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-29 21:46:22 UTC
From: Bill Stewart
Topic: 10517 Message: 10570

Grumble...grumble...
I see a half dozen stns I didn't even hear...rats.
Hey Scott, how is the total participants stacking up against last year?

Lou...granny was slow cuze she was old...what's ur excuse dididumdumdidi
How u cmg on the TNT rebuild? Hey, that's probably your excuse and a good one too. Hi.
73 de Bill K4JYS

----- Original Message -----

From: "whitebear1122@... [antiquewirelessassociation]"
<antiquewirelessassociation@yahoogroups.com>
To: "AWAGroup" <AWAGroup@yahoogroups.com>, "AWA Yahoo Group"
<antiquewirelessassociation@yahoogroups.com>
Sent: Monday, December 29, 2014 4:22:01 PM
Subject: [AWA] Updated Bruce Kelley 1929 Log List Emailed and Mailed as of Dec 28

Happy Holidays to all! Just got home from holiday travel to the relatives. Here is the current 1929 QSO Party Log list for emailed and snail mailed logs as of Dec 28. Haven't checked the mailbox yet today. I know there is a famous Ontario Canada ham not on the list yet :)

EMAIL LOGS:
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W0LS
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VE7SL
W8KGI
VE7BDQ
NF1O
AB0CW
KE0Z
K4CHE
K0KCY
AA9DH
NE1S
W2LB
W0LGU
N1BUG
>
MAILED LOGS:

N8YE
W3BYM
K4LJH
K4JYS
KI0DB (or as Mark says KI0 DOG BISCUIT)
KC9WYV, Joe Weber, the youngest in the 29 event at 12 years
W3FJJ
KB0ROB
WA8DOF
W0CWU
W2AO
AA2YV
>

10571. Year End Nostalgia Time

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-30 14:08:51 UTC
From: Eddy Swynar
Topic: 10571 Message: 10571
Attachments: 1 described; binary payloads are missing from this source WARC

Hi All,

This nostalgia thing is getting to me here, I guess...!

I was rummaging about the computer this morning, & came upon this jpeg taken of yours truly, from way back in 1972, after having been licensed for all of one year, or so...

This was my FIRST "operational" Ham radio set-up, taken in the basement of my parents' home.

That's my venerable old 3rd hand "Elmer" of a Hallicrafters S-77A SW receiver, with a HB 100-KHz crystal calibrator sitting on top of it. To the right is my transmatch, and the right of it---that darkened black-thing---is my HB 6T9 compactron transmitter (QST magazine, March 1971), with some sort of a SWR indicator affair atop it. The HB power supply---essentially lifted from a 1955 RCA TV set---is to the right of it.

Not the prolific use of "cake pan" chassis construction: I would "liberate" those proclivities from the kitchen, whenever my mother wasn't at home!

The chihuahua seated ever faithfully on the operating desk is "Rennie," a stalwart companion from my grade 5 days in school, all the way up to when I was working full-time, & ready to leave the family nest.

BTW, that black transformer seen to the left of the receiver was an isolation transformer that I had to incorporate with the receiver, because the S-77A was, after all, an AC-DC set: I used to get some horrendous jolts from the metal toggle switches, too, if I was operating in my stocking feet on the basement floor...!

Any, FWIW...are there any more photographic "...trips down memory lane" that others might wish to share on this eve before News Years Day...? Would LOVE to see them here...!

~73~ de Eddy VE3CUI - VE3XZ

10572. Re: Year End Nostalgia Time

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-30 14:57:20 UTC
From: Dave VanDenburg
Topic: 10571 Message: 10572
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Eddy
What a handsome looking young squirt!
Just to prove that I once was young also, here is a photo from 1964.

I still look the same, but the equipment has changed slightly. The SX-71 (which had just replaced a Heath AR-3) went away several years ago, and the DX-20 was given away last year. The Heath AC-1 antenna coupler was attached to the end of a random length end fed antenna that was stapled to the ceiling, and went out through a hole in the window frame and out to the barn. It did not work all that well but I sure had a lot of fun with that old junk!

Happy New Year to all and I hope to CU on the air.
Vry 73, Dave

10573. Re: [AWA Group] Re: Year End Nostalgia Time [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-30 16:12:56 UTC
From: Eddy Swynar
Topic: 10571 Message: 10573

misfortuneHi Dave,

Aren't those old snapshots just something we can (privately, at least!) revel in...?!

I recall here that I was SO very proud of my station, such as it was. Thinking back now, I was surrounded by guys running S-lines, Drake Twins, & Heathkit "SB" combos---yet, here I was, with a rockbound 8-watter, a 3rd hand receiver, & (in MY mind, at least) setting the Amateur world on fire.

Many a time I remember dashing upstairs, proclaiming to anyone who may have had the misfortune of being within earshot, "I just got Oklahoma...! Do you even KNOW how far away that is...?!"

I guess what pleased me the most was the fact that most of the set-up was homebrewed---I felt like Marconi musta felt like in HIS prime...!

It was a wonderful time, bar none. Thank goodness we had the foresight to document them with photographs...

~73~ de Eddy VE3CUI - VE3XZ

PS: Back in the day, I woulda KILLED to have a station like yours...!

On 2014-12-30, at 9:57 AM, Dave VanDenburg wa8dof@... [AWAGroup] wrote:

>
> Hi Eddy
>
> What a handsome looking young squirt!
>
> Just to prove that I once was young also, here is a photo from 1964.
>
> I still look the same, but the equipment has changed slightly. The SX-71 (which had just replaced a Heath AR-3) went away several years ago, and the DX-20 was given away last year. The Heath AC-1 antenna coupler was attached to the end of a random length end fed antenna that was stapled to the ceiling, and went out through a hole in the window frame and out to the barn. It did not work all that well but I sure had a lot of fun with that old junk!
>
> Happy New Year to all and I hope to CU on the air.
>
> Vry 73, Dave
>
>
>
>
> <64 Station.jpg>

10574. Re: Year End Nostalgia Time

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-30 16:54:55 UTC
From: w0vlz@...
Topic: 10571 Message: 10574

I was first on the air as WN6ULH in 1967 with a BC342 and an Eico 720 feeding a base loaded vertical. Since then I have been WA5VLZ (Apr '68 - 2000) and W0VLZ (2000 - present). Neat radios through the years. Especially remember wandering down the hall in my dorm and finding a follow student with no/zero room on his desk for studying. His SX101 and HT32(?) took up all available space.

Unfortunately my schedule this year won't let me operate in the LC.

See W0VLZ Stations https://www.prismnet.com/~nielw/shack_tours/shacks.html for a rundown.

W0VLZ Stations https://www.prismnet.com/~nielw/shack_tours/shacks.html W0VLZ Stations W0VLZ / WA5VLZ / WN6ULH Through the Years To view these pictures, click on each description. Use your "back" button to return to this page. Jan 2006 AWA OT CW Contest

View on www.prismnet.com https://www.prismnet.com/~nielw/shack_tours/shacks.html
Preview by Yahoo

73 and Happy New Year,
Niel - W0VLZ

10575. Re: Dual 6146s in a DX-60

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-30 18:43:53 UTC
From: JAMES HANLON
Topic: 10548 Message: 10575

Don,

I apologize, I fat-fingered the address. It is

http://www.arizona-am.net//TUCSON/K3YAZ/index.html

Jim, W8KGI

10576. Re: [AWA Group] Re: Year End Nostalgia Time [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-30 19:15:58 UTC
From: dulmagedon@...
Topic: 10571 Message: 10576
Attachments: 1 described; binary payloads are missing from this source WARC

This was my second station and just after i had to change my call. I had figured out how to fudge the cards to a VE3LYX from LYU and I think that is the first one i did on display which is why I had the photo taken. My TS830S is there and i still have and enjoy it. beside it is my first homebuilt amp. Not visable but to my left is a complete DC3 (Dakota) radio with a tester supply under the bench. I still use this bench however the dark hair and the house are long gone. I weighed 243lbs and feared no man. I had a very good job then which is what bought the TS830S. I think the end of 1982 was when it was taken.
don

10577. Loop Carbon Mic. Don pse note.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-30 19:45:43 UTC
From: Louis Vermond
Topic: 10577 Message: 10577
Attachments: 4 described; binary payloads are missing from this source WARC

The UK mic arrived this morning.

Only near reference I have found is the No. 3 which is called out as a carbon.
Is a Carbon mic.?

10578. Re: [AWA Group] Loop Carbon Mic. Don pse note.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-30 20:01:20 UTC
From: Larry Szendrei
Topic: 10577 Message: 10578

On 12/30/14 2:45 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> The UK mic arrived this morning.
> Only near reference I have found is the No. 3 which is called out as a
> carbon.
> Is a Carbon mic.?

Almost certainly, Lou. I'm not familiar with the specific microphone but
from the appearance of the housing and element it "screams" carbon.

73,
-Larry/NE1S
>
>

10579. Re: [AWA Group] Loop Carbon Mic. Don pse note.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-30 22:15:15 UTC
From: dulmagedon@...
Topic: 10577 Message: 10579

Never wonder, hook it to your ohm meter and speak into it. The wiring may be a bit funny because it came from, "well you know" but I would be shocked if it isn't one. You need to find the pair that goes directly to the carbon element. Sometimes it goes though switch sometimes not. I am ready anytime Lou.
don

10580. Re: Dual 6146s in a DX-60

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-30 22:31:03 UTC
From: dulmagedon@...
Topic: 10548 Message: 10580

Thanks much. It is interesting to see that I wasn't the only one who thought of doing this. The PS mods are interesting too.
don

10581. Anyone know K4CHE?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-30 23:39:25 UTC
From: Louis Vermond
Topic: 10581 Message: 10581

Breck's e-address is not shown on QRZ.com. Anyone here have it of would mass on a msg. to him for me? Tks, Lou

Don, Re: mic. Pse QRX.

10582. RE: [AWA Group] Anyone know K4CHE?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 00:27:39 UTC
From: Mike Feher
Topic: 10581 Message: 10582

B. Smith smithab11@...

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, December 30, 2014 6:39 PM
To: AWAGroup
Subject: [AWA Group] Anyone know K4CHE?

Breck's e-address is not shown on QRZ.com. Anyone here have it of would mass on a msg. to him for me? Tks, Lou

Don, Re: mic. Pse QRX.

10583. VE3AWA Kelley Log 2014

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 02:03:06 UTC
From: Louis Vermond
Topic: 10583 Message: 10583

THE 2014 AWA BRUCE KELLEY MEMORIAL 1929 QSO PARTY

1 of 2

Log of: VE3AWA Name: Louis Vermond Dec 6-7, 2014

Address: P.O. Box 543, St. Marys, Ontario N4X 1B3 Canada

My TX (Year): 1929 Type: TNT / UX-210 / 10 & 20W My RX: Modern

Date

Time
Band
Station Worked
RST

Sent
RST

Rcv'd
His TX
PWR
Name-QTH

Dec. 6
6:21PM
40
K4JYS
577
589
1929 Hart.
10W
Bill / NC (chirpy sig)

“
6:31
“
W2VDX
558
588
’29 TPTG
8W
Ted / PA (QRH sig)

"
6:42
“

W0LGU
559
588
’29 MOPA
9W
Tom / MN

“

7:25
“
KA8BFM
589
599
Mod.
50W
Charles / WV (not counted)

“

7:35
“
WA1JAS
348
558
’29 Hart.
8W
Mike / ME (FB fist)

“

7:53
“
NE1S *
337
447
’29 TNT
10W
Larry / ME

“

9:01
80
W2AO
339
579
’29 Hart.
5W
Stuart /NY

“

9:17
“
W1GIG

558
589
’29 TPTG
9W
Tim / CT

“
9:26
“
N1BUG
586
578
’29 TNT
10W
Paul / ME (growly sig)

“
9:38
“
W3BMY
449
588
’29 TNT
10W
Tom / MD

“
9:55
“
AA2YV
578
578
’29 Hart.
10W
Bill / NY (sum QSY-warble)

“
10:03
“
W2ICE /0
449
449
’29 Colpitts
10W
Scott / MN (worth 10, rite?)

“
10:12
“
N8YE
578

588
’25 TPTG
9W
Steve / Ohio

Dec.7
12:40AM
“
V37SL
339
578
’29 Hart.
10W
Steve / B.B.C.

“
12:47
“
K0KP
589
599
’29 Hart.
9W
Rex / MN

“
12:55
“
WB9WHG
578
569
’29 MOPA
20W
Dave / Wisc. (FB state)

“
1:03
“
KI0DB
449
559
’29 MOPA
10W
Mark / MI

“
1:30
“
W2LB
339
579

’29 Hart.
5W
Larry / NY

“
5:09 PM
“
W1ZB
338
577
’29 TNT
10W
Jerry / MA

“
5:20
“
NE1S
337
567
’29 Hart.
10W
Larry / ME

“
5:20
“
K4JYS
447
578
’29 Hart.
10W
Bill / NC

“
5:45
“
K0JCY
458
579
’29 MOPA
10W
Tony / MN

40m Contacts
5

80m Contacts
16

160m Contacts
Nil

Total Contacts
Next page

*NE1S Sig: - QRH Vry (here, there es never the same place twice), chirp es whoop. Dream sig, but for the lack of RAC.

THE 2014 AWA BRUCE KELLEY MEMORIAL 1929 QSO PARTY

2 of 2

Log of: VE3AWA Name: Louis Vermond Dec, 13-14, 2014

Address: P.O. Box 543, St. Marys, Ontario N4X 1B3 Canada

My TX (Year): 1929 Type: TNT / UX-210 / 10 & 20W My RX: Modern

Date
Time
Band
Station Worked
RST

Sent
RST

Rcv'd
His TX
PWR
Name-QTH

Dec. 13
6:23PM
80
VE3GRO
578
547
'29 Hart.
10W
Harry - Ont

"
7:00
40
K4CHE
576
459
'29 Hart.
3W
Breck – DE (3W - FB QRK)

"
7:06

“
N3GJ
578
578
’29 TNT
6W
George / PA

“
7:11
“
WA8DOF
558
578
’29 Hart.
10W
Dave / ME

“
7:20
“
W0LGU
449
559
’29 TNT
9W
Tom / MN

“
7:45
“
W1ZB
569
579
’29 TNT
10W
Jerry / MA (smooth fist)

“
10:21
160
N1BUG
556
336
’29 TNT
10W
Paul / ME (15 minutes of QSZ)

“
10:55
80

K0KP
558
558
’29 Hart.
9W
Rex / MN

“
11:07
“
KB0ROB
589
578
’29 MOPA
8W
Harold / MN

“
11:40
“
AA9BH
548
578
’29 Hart.
10W
Bob / Il

“
11:47
“
W0LS
549
577
’29 Hart.
9W
Harry / MN

“
11:55
“
N4GJV
589
599
’29 Hart.
3W
Ron / NC (3W- FB QRK)

Dec. 14
5:16PM
“
VE3LYX*

446
446
’27 Hart.
5W
Don / Ont

“
5:30
“
NU2X
558
349
’29 Hart.
8W
John / NJ

“
5:45
“
WU2D
448
569
’28 TPTG
10W
Mike / NH

“
5:50
“
N3GJ
589
589
’29 Hart.
9W
George / PA

40m Contacts
5

80m Contacts
10

160m Contacts
1

Total Contacts
37

*VE3LYX Sig: QRH, QRI 3, QSB es QSD. Don’t change a thing, Don.

10584. Re: [AWA Group] Anyone know K4CHE?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 02:05:06 UTC
From: Louis Vermond
Topic: 10581 Message: 10584

Tks Mike...

----- Original Message -----
From: 'Mike Feher' n4fs@eozinc.com [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-12-30 7:27 PM
Subject: RE: [AWA Group] Anyone know K4CHE?

B. Smith smithab11@...

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, December 30, 2014 6:39 PM
To: AWAGroup
Subject: [AWA Group] Anyone know K4CHE?

Breck's e-address is not shown on QRZ.com. Anyone here have it of would mass on a msg. to him for me? Tks, Lou

Don, Re: mic. Pse QRX.

10585. Loop Carbon Mic. Don pse note.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 02:20:26 UTC
From: Louis Vermond
Topic: 10577 Message: 10585

Never wonder, hook it to your ohm meter and speak into it. The wiring may be a bit funny because it came from, "well you know" but I would be shocked if it isn't one. You need to find the pair that goes directly to the carbon element. Sometimes it goes though switch sometimes not. I am ready anytime Lou.

Hi Don,

Others have written directly with the opinion that it is a carbon mic. Like u say tho, just try it. I need a day to tend to other things. Thursday I'll make loop modulation my focus.

Will be in touch, Lou

10586. Re: [AWA Group] Loop Carbon Mic. Larry pse note

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 02:24:38 UTC
From: Louis Vermond
Topic: 10586 Message: 10586

Almost certainly, Lou. I'm not familiar with the specific microphone but from the appearance of the housing and element it "screams" carbon. 73, -Larry/NE1S

Screams is good, Larry.

Can you see it? 1KW LoopersGroup.

10587. Re: [AWA Group] Re: Year End Nostalgia Time [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 03:19:29 UTC
From: Eddy Swynar
Topic: 10571 Message: 10587

Hi Don,

A far cry from my own humble beginnings, equipment wise...!

What did you run in that homebrew amplifier...? I've built no less than 3 here in the course of 43 years as a Ham...

~73~ de Eddy VE3CUI - VE3XZ

On 2014-12-30, at 2:15 PM, dulmagedon@... [AWAGroup] wrote:

> This was my second station and just after i had to change my call. I had figured out how to fudge the cards to a VE3LYX from LYU and I think that is the first one i did on display which is why I had the photo taken. My TS830S is there and i still have and enjoy it. beside it is my first homebuilt amp. Not visable but to my left is a complete DC3 (Dakota) radio with a tester supply under the bench. I still use this bench however the dark hair and the house are long gone. I weighed 243lbs and feared no man. I had a very good job then which is what bought the TS830S. I think the end of 1982 was when it was taken.
> don
>
>
>
> <longago.jpg>

10588. Old Pictures -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 03:40:36 UTC
From: Mike Feher
Topic: 10588 Message: 10588
Attachments: 1 described; binary payloads are missing from this source WARC

This one is not too old, and does not show any equipment, but, it is from 1982 when I was just 37. I am the one with the beer in my hand and the dark beard, and the one with the cigarette is my friend Butch, W4HJL. This was at our Manassas, VA field day site where we used my N4FS call. I too have changed considerably in the last 32 years. My hair and beard is all white now, and, I am considerably heavier, HI. I'll post some real early photos in the future. 73 & all the best for 2015 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

10589. Re: [AWA Group] Re: Year End Nostalgia Time

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 03:51:58 UTC
From: Whitebear1122
Topic: 10571 Message: 10589

I am envious of you old geezers (at least Eddy anyway hi hi) who have pictures of themselves and their Novice stations. I can't believe it but I don't have a single picture of my Novice station or me at the station. The Novice station was a Knightkit T-60 and National NC-183. To me it was one of the most amazing stations ever. Like others said, I'd also run upstairs and bother the family when I'd work the Canal Zone or California. Not much has changed though as just recent I worked a new country and ran upstairs to tell my wife and daughter who feigned interest but couldn't care less. har har

I've been doing Boatanchors since 1994 and trying to recapture the magic of those early QSO's with the T60 and NC183. I've come pretty darn close with my Johnson Viking Valiant and 75A-4. It was magic when I fired up the Valiant with those 866 mercury vapor rectifiers glowing bright blue like a nuclear reactor and I made my first QSO's.

I only have 1 photo of my General station consisting of the HX-50A and HQ-180AC, and a poor picture it is.

BTW I've been a ham for around 46 years getting my Novice in 1968 I think. It shocks me to think in numbers that high. Yikes.

73, Scott WA9WFA

10590. Re: [AWA Group] Re: Year End Nostalgia Time [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 04:29:48 UTC
From: dulmagedon@...
Topic: 10571 Message: 10590

A pair of 7034s(4cx150a) I never got to use it on air because VA3UZ Yuri saw it after it passed the smoke test and gave me real "pictures of the Queen" for it. By then I had reboxed it in a larger stronger cabinet complete with its power supply with the old 330v photoflash caps. He was here buying my A3 beam after I'd moved and just kept offering till I caved. Must have not been too bad. I never heard any whining. it was my first amp although I had built lots of RXs before. As a pre driving teenager I used to spend summers building kit lab stuff for short run testing. usually Eico. Signal gens , both RF and AF VTVMs and stuff like that. My Dad got me into that and I never had to fix one. He said it was good experience and lent me out for free. I guess it was but a little gold wouldn't have hurt.I am not like that now!. I am lucky to attach a power cord properly. Frustrates me to no end. Also on the table there but not in the picture is a solid state 2M amp I built. It worked quite well. Got the design from the 81 or 82 handbook. When this pisture was taken I had sold my specialty tune up business Power Tune Up (Belleville) Ltd and gone back as Service Manager at ashop i had worked at in the 70s. They were losing money and my old boss hired me to fix it. I did and he paid me very very well. In fact it would be Ok wages even today. So the Kenwood. I bought new and with my Christmas bonus alone that year bought myself a new car , cash. They were good years but it was a hard job and eventually I had had enough. The Kenwood though has stood the test of time and been a faithful addition to my shack. My first rig was Viking II CDC model borrowed from Bill Drulak VE3HBS and i used a DX200 (Eddystone wannabee) from radio shack for receiving. Liked the DX200 but to be honest I hated the Viking II with a passion. Don't know why but I did. Thing seemed like it weighed 300 lbs. Probably because there were no dials . It was like trying to QSO with your fridge. Didn't look like a radio to me. Also had the little VFO that went with it. .
don

10591. Re: [AWA Group] VE3AWA Kelley Log 2014

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 04:56:34 UTC
From: Steve
Topic: 10583 Message: 10591

Jeepers...that's a rare one...in BBC yet!

V37SL
339
578
?29 Hart.
10W
Steve / B.B.C.

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

10592. Re: [AWA Group] VE3AWA Kelley Log 2014

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 05:31:05 UTC
From: Daniel Petersen
Topic: 10583 Message: 10592

I didn't know the BBC used a V37 call... 8^)
73
Dan - W7OIL

On Tue, Dec 30, 2014 at 8:56 PM, 'Steve' ve7sl@... [AWAGroup] <
AWAGroup@yahoogroups.com> wrote:

> Jeepers...that's a rare one...in BBC yet!
>
>
> V37SL
> 339
> 578
> ’29 Hart.
> 10W
> Steve / B.B.C.
>
>
>
>
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
> VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to
> Nanowaves":
> http://ve7sl.blogspot.ca/
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>
> Yahoo Groups Links
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73,
Dan - W7OIL

10593. Re: [AWA Group] Old Pictures - [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 13:31:11 UTC
From: Eddy Swynar
Topic: 10588 Message: 10593

On 2014-12-30, at 10:40 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

>
> This one is not too old, and does not show any equipment, but, it is from 1982 when I was just 37. I am the one with the beer in my hand and the dark beard, and the one with the cigarette is my friend Butch, W4HJL. This was at our Manassas, VA field day site where we used my N4FS call. I too have changed considerably in the last 32 years. My hair and beard is all white now, and, I am considerably heavier, HI. I'll post some real early photos in the future. 73 & all the best for 2015 – Mike
>
>
>
> Mike B. Feher, N4FS
>

Hi Mike,

Ah yes---Field Day & beer, COMBINED...! A marriage made in Ham Radio heaven, surely...

Still, it CAN have potentially devastating consequences.

I distinctly recall a FD early in my Ham career, held at the apple orchard of good friend (and now SK) Bill, VE3BRT: George (VE3GOU---also an SK now) imbibed in a tad more Molsons suds on-site, than he did CW, and VERY late on Saturday night, elected to go visit his girlfriend in the neighbouring town, in his (then) brand new 1973 Chevrolet Caprice. At the end of the tractor trail leading from the apple trees, was a 90-degree jog---the only thing that might keep an inattentive driver who missed this turn from driving right into the kitchen of Bill's place was well-placed wooden utility pole...

Well, you guessed it: WHAM...!!!

Bill & his XYL were rudely roused out of their slumber by the sound of the tipsy George crashing right into that very pole. Were it not for its presence, the front end of that Chevy would have been parked ring side at the breakfast table in 'BRT's kitchen.

It sure was a simpler time, just a few short decades ago. We all got a laugh out of the incident, & life went on. Everyone spent the subsequent years making more CW contacts...and drinking more beer. And then, suddenly one day, we all got older---and wiser!

~73~ de Eddy VE3CUI - VE3XZ

10594. RE: [AWA Group] Old Pictures -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 13:39:03 UTC
From: Mike Feher
Topic: 10588 Message: 10594

Me too - the older and wiser I got, the more beer I drank. That is why all the extra weight since that photo, HI. Fun days those field days were. We had stations on all bands, mostly CW, but some SSB. Big generator running in the background about 150 feet from the first operating tent to reduce the acoustic noise.73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 31, 2014 8:31 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Old Pictures -

On 2014-12-30, at 10:40 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

This one is not too old, and does not show any equipment, but, it is from 1982 when I was just 37. I am the one with the beer in my hand and the dark beard, and the one with the cigarette is my friend Butch, W4HJL. This was at our Manassas, VA field day site where we used my N4FS call. I too have changed considerably in the last 32 years. My hair and beard is all white now, and, I am considerably heavier, HI. I'll post some real early photos in the future. 73 & all the best for 2015 - Mike

Mike B. Feher, N4FS

Hi Mike,

Ah yes---Field Day & beer, COMBINED...! A marriage made in Ham Radio heaven, surely...

Still, it CAN have potentially devastating consequences.

I distinctly recall a FD early in my Ham career, held at the apple orchard of good friend (and now SK) Bill, VE3BRT: George (VE3GOU---also an SK now) imbibed in a tad more Molsons suds on-site, than he did CW, and VERY late on Saturday night, elected to go visit his girlfriend in the neighbouring town, in his (then) brand new 1973 Chevrolet Caprice. At the end of the tractor trail leading from the apple trees, was a 90-degree jog---the only thing that might keep an inattentive driver who missed this turn from driving right into the kitchen of Bill's place was well-placed wooden utility pole...

Well, you guessed it: WHAM...!!!

Bill & his XYL were rudely roused out of their slumber by the sound of the tipsy George crashing right into that very pole. Were it not for its presence, the front end of that Chevy would have been parked ring side at the breakfast table in 'BRT's kitchen.

It sure was a simpler time, just a few short decades ago. We all got a laugh out of the incident, & life went on. Everyone spent the subsequent years making more CW contacts...and drinking more beer. And then, suddenly one day, we all got older---and wiser!

~73~ de Eddy VE3CUI - VE3XZ

10595. Re: [AWA Group] Re: Year End Nostalgia Time

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 13:41:35 UTC
From: Eddy Swynar
Topic: 10571 Message: 10595

On 2014-12-30, at 10:51 PM, Whitebear1122 whitebear1122@... [AWAGroup] wrote:

> I am envious of you old geezers (at least Eddy anyway hi hi) who have pictures of themselves and their Novice stations. I can't believe it but I don't have a single picture of my Novice station or me at the station. The Novice station was a Knightkit T-60 and National NC-183. To me it was one of the most amazing stations ever. Like others said, I'd also run upstairs and bother the family when I'd work the Canal Zone or California. Not much has changed though as just recent I worked a new country and ran upstairs to tell my wife and daughter who feigned interest but couldn't care less. har har
>
> I've been doing Boatanchors since 1994 and trying to recapture the magic of those early QSO's with the T60 and NC183. I've come pretty darn close with my Johnson Viking Valiant and 75A-4. It was magic when I fired up the Valiant with those 866 mercury vapor rectifiers glowing bright blue like a nuclear reactor and I made my first QSO's.
>
> I only have 1 photo of my General station consisting of the HX-50A and HQ-180AC, and a poor picture it is.
>
> BTW I've been a ham for around 46 years getting my Novice in 1968 I think. It shocks me to think in numbers that high. Yikes.
>
> 73, Scott WA9WFA

Hi Scott,

What was your Novice call-sign...?

I have very fond memories of the USA Novice days, & spent a lot of my time hanging out there with the 3, or so, JAN crystals (Fort Myers, Florida) that I had which would allow me to do so. It was just exactly like being with a "...band of brothers": everything in the new & exciting world of radio was wonderful, & it was great sharing it all with kindred souls.

One thing that I especially loved to do was being "DX" to the many American Novices on 40-meters: I'd hear a strong Novice calling a lengthy CQ, and then I'd answer---and I swear I could see the guy in my mind's eye, squirming in his seat in front of his key, and bewildered as to the non-"WN" prefix of the station calling him. The frequency would suddenly get VERY quiet. Was it legal to work a "VE3" station...? Where exactly IS "VE3," anyway...? Etc. etc. etc.

Or I'd call CQ on a clear spot on 40, and 4 or 5 Novices "...in the know" would all rush back to answer me, piling on top of one another!

What great sport---and what an ego booster for me, too, to be told that I was some guy's "...first DX ever!" in Ohio! It sure made me proud of what I had accomplished with that 6T9 compactron tube rig of mine, I can assure you...

~73~ de Eddy VE3CUI - VE3XZ

10596. Re: [AWA Group] Old Pictures -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 13:49:52 UTC
From: Eddy Swynar
Topic: 10588 Message: 10596

On 2014-12-31, at 8:39 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

>
> Me too – the older and wiser I got, the more beer I drank. That is why all the extra weight since that photo, HI. Fun days those field days were. We had stations on all bands, mostly CW, but some SSB. Big generator running in the background about 150 feet from the first operating tent to reduce the acoustic noise.73 – Mike
>
>
>
> Mike B. Feher, N4FS
>

Hi Mike,

Field Day was also an opportune time to indulge & experiment in some fanciful antennas, too...

During my stewardship over 40-meters CW during the years, we employed:

---A 2-element parasitic delta loop;
---A 1000-foot(!) long wire;
---A 4-element(!) parasitic delta loop;
---A Bobtail phased array;
---A 2-element phased delta loop array;
---A 300-foot tall(!) kite supported vertical.

And that's just what I can remember, too (must be the beer!).

~73~ de Eddy VE3CUI - VE3XZ

10597. Re: [AWA Group] VE3AWA Kelley Log 2014

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 13:52:21 UTC
From: Louis Vermond
Topic: 10583 Message: 10597

GM

V37SL Typing hands still trembling over working that DX....

B.B.C. Beautiful British Columbia

10598. Read 'n weep

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 14:06:57 UTC
From: Louis Vermond
Topic: 10598 Message: 10598

http://www.radioshackcatalogs.com/catalogs/1939/

10599. Re: [AWA Group] Re: Year End Nostalgia Time

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 14:10:51 UTC
From: Eddy Swynar
Topic: 10571 Message: 10599

On 2014-12-30, at 11:29 PM, dulmagedon@... [AWAGroup] wrote:

> A pair of 7034s(4cx150a) I never got to use it on air because VA3UZ Yuri saw it after it passed the smoke test and gave me real "pictures of the Queen" for it. By then I had reboxed it in a larger stronger cabinet complete with its power supply with the old 330v photoflash caps. He was here buying my A3 beam after I'd moved and just kept offering till I caved. Must have not been too bad. I never heard any whining. it was my first amp although I had built lots of RXs before. As a pre driving teenager I used to spend summers building kit lab stuff for short run testing. usually Eico. Signal gens , both RF and AF VTVMs and stuff like that. My Dad got me into that and I never had to fix one. He said it was good experience and lent me out for free. I guess it was but a little gold wouldn't have hurt.I am not like that now!. I am lucky to attach a power cord properly. Frustrates me to no end. Also on the table there but not in the picture is a solid state 2M amp I built. It worked quite well. Got the design from the 81 or 82 handbook. When this pisture was taken I had sold my specialty tune up business Power Tune Up (Belleville) Ltd and gone back as Service Manager at ashop i had worked at in the 70s. They were losing money and my old boss hired me to fix it. I did and he paid me very very well. In fact it would be Ok wages even today. So the Kenwood. I bought new and with my Christmas bonus alone that year bought myself a new car , cash. They were good years but it was a hard job and eventually I had had enough. The Kenwood though has stood the test of time and been a faithful addition to my shack. My first rig was Viking II CDC model borrowed from Bill Drulak VE3HBS and i used a DX200 (Eddystone wannabee) from radio shack for receiving. Liked the DX200 but to be honest I hated the Viking II with a passion. Don't know why but I did. Thing seemed like it weighed 300 lbs. Probably because there were no dials . It was like trying to QSO with your fridge. Didn't look like a radio to me. Also had the little VFO that went with it. .
> don
>
>

Hi Don,

Funny thing---I bought an old Viking II CC ("Continuous Coverage") from a Ham in London a few years ago, & I absolutely LOVE that big brute of a unique rig!

Mind you, as you say, it IS huge, and cumbersome to work on---but it's powerful, has excellent quality on both CW and AM phone, and it's rugged to the Nth degree.

Which reminds me: I really should get that ol' rascal up & running on 40-meters AM one of these days, again!

But I digress: I bought the V2-CC to replace the Ranger that I sold a few years earlier. The Ranger was a LOT lighter & a LOT easier to work on, but the V2-CC is a fitting replacement---and that "CC" moniker is a great conversation starter, as VERY few Hams are even aware that this THIRD derivative of the Viking II even exists (it was original made for the Royal Canadian Air Force, in 1962).

~73~ de Eddy VE3CUI - VE3XZ

10600. Re: [AWA Group] Loop Carbon Mic. Larry pse note

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 15:23:09 UTC
From: Larry Szendrei
Topic: 10586 Message: 10600

On 12/30/14 9:24 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
>
> Can you see it? 1KW LoopersGroup.
> .
>
>

Lessee... for 1KW PEP output, 100% modulated AM, that means 750W dissipated in the carbon microphone. I don't think so!

73,
-Larry/NE1S

10601. Re: [AWA Group] Re: Year End Nostalgia Time

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 15:43:42 UTC
From: Larry Szendrei
Topic: 10571 Message: 10601

On 12/31/14 9:10 AM, Eddy Swynar deswynar@... [AWAGroup] wrote:
>
> */Hi Don,/*
>
> Funny thing---I bought an old /Viking II CC/("/Continuous Coverage/")
> from a Ham in London a few years ago, & I absolutely /LOVE/that big
> brute of a unique rig!
I still have a Viking I - almost the same rig as a (non-CC) Viking II, with a few notable differences. Aside from using a 4D32 instead of a pair of 6146s and no clamper tube, I find it easier to work on than the Viking II due to the rack-style cabinet and panel. I've worked on several Viking II's for others over the years. I like the Viking I a lot, although the one I kept has been totally "ruined" as far as any collector value goes. It looks good and sounds better, but the audio section is totally re-done with solid-state up to the modulator tubes, which are triode-connected 6DQ5's. I also have a Ranger, with somewhat less-radical modifications. (I used to have a second Viking I, but sold it at the NEARfest a couple of years ago in a vain attempt to downsize.)

Don, I don't get your previous comment concerning the lack of dials on the Viking II - from where I sit, it's got dials galore!

73,
-Larry/NE1S

10602. Re: [AWA Group] Loop Carbon Mic. Larry pse note

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 15:48:55 UTC
From: Louis Vermond
Topic: 10586 Message: 10602

Hw abt a bunch in parallel?

----- Original Message -----
From: Larry Szendrei ne1s@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2014-12-31 10:23 AM
Subject: Re: [AWA Group] Loop Carbon Mic. Larry pse note

On 12/30/14 9:24 PM, Louis Vermond ldvermond@sympatico.ca [AWAGroup] wrote:

Can you see it? 1KW LoopersGroup.
.

Lessee... for 1KW PEP output, 100% modulated AM, that means 750W dissipated in the carbon microphone. I don't think so!

73,
-Larry/NE1S

10603. Re: [AWA Group] Re: Year End Nostalgia Time

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 15:56:22 UTC
From: dulmagedon@...
Topic: 10571 Message: 10603

I can certainly understand that. It was and still is a very popular rig and rugged for sure. It just wasn't what I had envisioned in my mind. Probably with a Ranger I would have thought I was in heaven. So I don't want anyone out of joint because of what I said. It is just a memory I have from back then. To be honest I had no idea how to run it and had to learn by trying. Lot a knobs on that old rig. I remeber I asked Bill for the short cousre and he said ah plug it in you'll figure it out.Which I know understand means I am not really sure either. never tried it. But back then I didn't know thing like that.
don

10604. Boning up for the Cundall...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 15:57:50 UTC
From: Louis Vermond
Topic: 10604 Message: 10604

http://ac6v.com/morseaids.htm#CW

10605. Re: [AWA Group] Re: Year End Nostalgia Time

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 15:59:10 UTC
From: dulmagedon@...
Topic: 10571 Message: 10605

It has knobs.Not the same. At least for me.

10606. Re: [AWA Group] Re: Year End Nostalgia Time

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 15:59:53 UTC
From: Eddy Swynar
Topic: 10571 Message: 10606

Hi Don,

Well, with al of the dials & meter settings on that V2, it can be a tad daunting at first, no doubt about it!

But after a few trials, it all makes sense---just have to remember to re-trace your steps, to be sure you tweaked everything right-on. A FAR cry from to-day's solid state no-tune wonders, huh...?!

~73~ de Eddy VE3CUI - VE3XZ

On 2014-12-31, at 10:56 AM, dulmagedon@... [AWAGroup] wrote:

> I can certainly understand that. It was and still is a very popular rig and rugged for sure. It just wasn't what I had envisioned in my mind. Probably with a Ranger I would have thought I was in heaven. So I don't want anyone out of joint because of what I said. It is just a memory I have from back then. To be honest I had no idea how to run it and had to learn by trying. Lot a knobs on that old rig. I remeber I asked Bill for the short cousre and he said ah plug it in you'll figure it out.Which I know understand means I am not really sure either. never tried it. But back then I didn't know thing like that.
> don
>
>
>

10607. Re: [AWA Group] VE3AWA Kelley Log 2014

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 16:24:04 UTC
From: Steve
Topic: 10583 Message: 10607

ha...good save!

GM

V37SL Typing hands still trembling over working that DX....

B.B.C. Beautiful British Columbia

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10608. Re: [AWA Group] Loop Carbon Mic. Larry pse note

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 16:25:43 UTC
From: dulmagedon@...
Topic: 10586 Message: 10608

Now Ur talkin! I found a unit in an old article that had 13 carbon mikes mounted each in its own tube and the Op spoke into a common opening. It was to increase power handling. Practically though on a 1 tuber it works pretty good. And by that i mean pretty good like our TNTs Hartleys and TGTPs work pretty good. Certainly doesn't compare to modern stuff> however if we were back in the day say 1919 and had it we would feel like pretty "fart smellers." I don't know what the mod percent would be. I know from experiment you can have too much so you adjust the loops position to avoid that. Anywhere your sniffer works a loop will work BTW. I also have tried putting a rheo connected pot in series in the loop circuit to see if I could control it. And I could but the idea seemed superfluous when moving the loop a bit accomplished the same thing. I hope you get it hooked up soon Lou. I have been waiting a year for a loop de loop QSO. I have had a few QSO with it on my TNT though. It was a lot of fun. Long ones too! DX for a TNT. Best was with Dave W2VW and the group. They listened for me and heard me immediately. (He gave me a sked and when I fired up he said is that you Don?) I think they had as much fun as I did. Sure it is just a curiosity but it is also part of real old radio history and I have had a lot of interesting fun exploring it. I hope someone else on this earth will feel the same and we can have at least a couple of QSO a year with it.

10609. Re: [AWA Group] Re: Year End Nostalgia Time

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 16:26:36 UTC
From: Steve
Topic: 10571 Message: 10609

> It was like trying to QSO with your fridge.

best line of the year Don!

They were a beast of a radio and no doubt produced many hernias over the years...highly prized today though. Strange how that works!

Steve / HNY

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10610. RE: [AWA Group] Loop Carbon Mic. Larry pse note

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 16:52:26 UTC
From: Mike Feher
Topic: 10586 Message: 10610

I just talked to my good friend Dave, W2VW, on the phone a week or so ago and he had mentioned the AM QSO he had with you Don. Dave lives about 15 miles south of me in Beachwood. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 31, 2014 11:26 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Loop Carbon Mic. Larry pse note

Now Ur talkin! I found a unit in an old article that had 13 carbon mikes mounted each in its own tube and the Op spoke into a common opening. It was to increase power handling. Practically though on a 1 tuber it works pretty good. And by that i mean pretty good like our TNTs Hartleys and TGTPs work pretty good. Certainly doesn't compare to modern stuff> however if we were back in the day say 1919 and had it we would feel like pretty "fart smellers." I don't know what the mod percent would be. I know from experiment you can have too much so you adjust the loops position to avoid that. Anywhere your sniffer works a loop will work BTW. I also have tried putting a rheo connected pot in series in the loop circuit to see if I could control it. And I could but the idea seemed superfluous when moving the loop a bit accomplished the same thing. I hope you get it hooked up soon Lou. I have been waiting a year for a loop de loop QSO. I have had a few QSO with it on my TNT though. It was a lot of fun. Long ones too! DX for a TNT. Best was with Dave W2VW and the group. They listened for me and heard me immediately. (He gave me a sked and when I fired up he said is that you Don?) I think they had as much fun as I did. Sure it is just a curiosity but it is also part of real old radio

10611. Re: [AWA Group] Loop Carbon Mic. Larry pse note

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 17:14:09 UTC
From: Larry Szendrei
Topic: 10586 Message: 10611

On 12/31/14 10:48 AM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> Hw abt a bunch in parallel?
>
Maybe if you can get enough sound energy into them all at once - that
might be a challenge, tho.

10612. Re: [AWA Group] Loop Carbon Mic. Larry pse note

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 17:23:09 UTC
From: Larry Szendrei
Topic: 10586 Message: 10612

On 12/31/14 12:14 PM, Larry Szendrei ne1s@... [AWAGroup] wrote:
>
> On 12/31/14 10:48 AM, Louis Vermond ldvermond@... [AWAGroup]
> wrote:
>>
>> Hw abt a bunch in parallel?
>>
> Maybe if you can get enough sound energy into them all at once - that
> might be a challenge, tho.
>
Also, you'll have to scream loud enough to produce about 125W of sound
power - an even tougher challenge! ;-)

73,
-Larry/NE1S

10613. Re: [AWA Group] Read 'n weep

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 17:37:19 UTC
From: Daniel Petersen
Topic: 10598 Message: 10613

That deserves an anguished "ARRGH!"
73
Dan - W7OIL

On Wed, Dec 31, 2014 at 6:06 AM, Louis Vermond ldvermond@...
[AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> http://www.radioshackcatalogs.com/catalogs/1939/
>
>
>

--

73,
Dan - W7OIL

10614. Re: [AWA Group] Re: Year End Nostalgia Time

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 19:27:15 UTC
From: Whitebear1122
Topic: 10571 Message: 10614

Hi Eddy and all, My Novice call was WN9WFA. You're right, I still remember working my first VE station and it was rare DX for sure. VE3UR and I still have the fellows QSL card on display after all these years. Sometimes I would pester the 40 meter VE SSB stations and bother them enough that they would make a QSO with me while I was on CW.

LIke you, I had 3 or 4 crystals on 40 meters and that was it. I sure wish I would have gotten on 80m. It would have been a lot more fun in the evening when 40 meters was ripped up with AM.

I've been working on my 1935 Gross CP-100 transmitter for the Linc Cundall but it's going slow. Something going on in the PS.

Happy New Year. 73, Scott WA9WFA
>
>
> Hi Scott,
>
> What was your Novice call-sign...?
>
> I have very fond memories of the USA Novice days, & spent a lot of my time hanging out there with the 3, or so, JAN crystals (Fort Myers, Florida) that I had which would allow me to do so. It was just exactly like being with a "...band of brothers": everything in the new & exciting world of radio was wonderful, & it was great sharing it all with kindred souls.
>
> One thing that I especially loved to do was being "DX" to the many American Novices on 40-meters: I'd hear a strong Novice calling a lengthy CQ, and then I'd answer---and I swear I could see the guy in my mind's eye, squirming in his seat in front of his key, and bewildered as to the non-"WN" prefix of the station calling him. The frequency would suddenly get VERY quiet. Was it legal to work a "VE3" station...? Where exactly IS "VE3," anyway...? Etc. etc. etc.
>
> Or I'd call CQ on a clear spot on 40, and 4 or 5 Novices "...in the know" would all rush back to answer me, piling on top of one another!
>
> What great sport---and what an ego booster for me, too, to be told that I was some guy's "...first DX ever!" in Ohio! It sure made me proud of what I had accomplished with that 6T9 compactron tube rig of mine, I can assure you...
>
> ~73~ de Eddy VE3CUI - VE3XZ

10615. RE: [AWA Group] Loop Carbon Mic. Larry pse note

Yahoo group: AWAGroup (2014 — 2016)
Date: 2014-12-31 20:34:12 UTC
From: dulmagedon@...
Topic: 10586 Message: 10615

It was fun to say the least.
I worked another fellow down that way a few days later (Don perhaps) as we were in QSo and he mentioned aside from his heavy metal big stuff he liked to play with one tube versions. I told him was was sitting in front of me and he said "put it on . I want to hear it". He was laughing when i finished. He said what was really funny was the TNT with loop mod was less then 2 S units under the DX60B driving the twin 811As. .
BTW seems to me it was Dave that messed up his foot last year working on the tower. Is that right? If so I hope he has recovered well. I certainly appreciate his efforts.
It isn't a perfect system but it is historical and it is FUN!

10616. Year End Nostalgia Time

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-01 03:36:27 UTC
From: Ron Barlow
Topic: 10571 Message: 10616

Hi Eddy et all,
My novice call was KN3IGT, and my entire novice "career" was spent on ~ 7198 Khz. That was the frequency that I was able to QSY (via graphite) a bargain xtal, that had initially been ground for a bit above 7200 Khz.
Like Scott, I also found a special thrill, associated with a "real DX" QSO with the occasional VE, that roamed that far up the band. This despite the fact that the VE3 border was only about 100 miles away, much closer than KN6 and KN7 territory!
The SWBC QRM was ultra fierce, in those days, from Radio Moscow (which simulcasted on many frequencies)and many other SWBC stations! I used to arise in the early morning hours, before going to school, to log QSOs with KN6 and KN7 land. The SWBC QRM was much less of an issue, at that time of "day".

73 & HNY to all!
Ron n4gjv

On Wed, 12/31/14, Whitebear1122 whitebear1122@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Re: Year End Nostalgia Time
To: AWAGroup@yahoogroups.com
Date: Wednesday, December 31, 2014, 2:27 PM

Hi Eddy and all, My Novice call was WN9WFA.
 You're right, I still remember working my first VE
station and it was rare DX for sure. VE3UR and I still
have the fellows QSL card on display after all these years.
 Sometimes I would pester the 40 meter VE SSB stations and
bother them enough that they would make a QSO with me while
I was on CW.
LIke
you, I had 3 or 4 crystals on 40 meters and that was it. I
sure wish I would have gotten on 80m. It would have been a
lot more fun in the evening when 40 meters was ripped up
with AM.
I've
been working on my 1935 Gross CP-100 transmitter for the
Linc Cundall but it's going slow. Something going on
in the PS.
Happy New
Year. 73, Scott WA9WFA

Hi
Scott,
What was your Novice
call-sign...?

I have very fond memories of the USA
Novice days, & spent a lot of my time hanging out there
with the 3, or so, JAN crystals (Fort Myers, Florida) that I
had which would allow me to do so. It was just exactly like
being with a "...band of brothers": everything in
the new & exciting world of radio was wonderful, &
it was great sharing it all with kindred
souls.
One thing that I especially loved to
do was being "DX" to the many American Novices on
40-meters: I'd hear a strong Novice calling a lengthy
CQ, and then I'd answer---and I swear I could see the
guy in my mind's eye, squirming in his seat in front of
his key, and bewildered as to the non-"WN" prefix
of the station calling him. The frequency would suddenly
get VERY quiet.
Was it legal to work a "VE3" station...? Where
exactly IS "VE3,"
anyway...? Etc. etc. etc.
Or I'd call CQ on a clear spot
on 40, and 4 or 5 Novices "...in the know" would
all rush back to answer me, piling on top of one
another!
What great sport---and what an ego
booster for me, too, to be told that I was some guy's
"...first DX
ever!" in Ohio! It sure made me
proud of what I had accomplished with that 6T9 compactron
tube rig of mine, I can assure
you...
~73~ de Eddy VE3CUI -
VE3XZ

10617. Ed Handy, W1BDI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-01 04:26:27 UTC
From: Louis Vermond
Topic: 10617 Message: 10617

Anyone lead me to or have a early-ish photo of Ed Handy, W1BDI? Tks, Lou

10618. Tuffest challenge and Pi

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-01 12:02:13 UTC
From: dulmagedon@...
Topic: 10618 Message: 10618

The" tuffest challenge" of all is getting anyone to seriously try the loop. I often wish it had not been me who figured out how to make it work properly.(New guy syndrome) If it hadn't been for Tim VE6PG, Dave W2VW ad Lou VE3AWA who had the guts to try it with me I would still be QSOing with Scooter the cat. Anyway tis what it is. Too much fun anyway.
The question for today is when did Pi network outputs come into use? The old style are or can be harmonic generators . The Pi does not seem to have that characterisic quite the same. My tuner is a Pi I built myself and would handle a KW easily. I run my TNT through it because it ensures a decent clean signal. I don't think it was around in the 20s or even the 30s but have been unable so far to get a handle on when it came into vogue.
don

10619. eBay Alert .... A beauty

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-01 13:11:58 UTC
From: Louis Vermond
Topic: 10619 Message: 10619

http://www.ebay.com/itm/Millen-92200-Antenna-Tuner-Transmatch-2KW-W-Original-Box-Works-Ham/301397412027?_trksid=p2047675.c100010.m2109&_trkparms=aid%3D555012%26algo%3DPW.MBE%26ao%3D1%26asc%3D20131231084308%26meid%3D0da18e9898ff41f28810765fbbf67841%26pid%3D100010%26prg%3D20131231084308%26rk%3D3%26rkt%3D24%26sd%3D321629274357

10620. Re: [AWA Group] eBay Alert .... A beauty

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-01 13:18:53 UTC
From: Eddy Swynar
Topic: 10619 Message: 10620

On 2015-01-01, at 8:11 AM, Louis Vermond ldvermond@... [AWAGroup] wrote:

>
> http://www.ebay.com/itm/Millen-92200-Antenna-Tuner-Transmatch-2KW-W-Original-Box-Works-Ham/301397412027?_trksid=p2047675.c100010.m2109&_trkparms=aid%3D555012%26algo%3DPW.MBE%26ao%3D1%26asc%3D20131231084308%26meid%3D0da18e9898ff41f28810765fbbf67841%26pid%3D100010%26prg%3D20131231084308%26rk%3D3%26rkt%3D24%26sd%3D321629274357
>
> __

Hi Lou,

We found that the band switch works best when turned clockwise!

That sounds to me like a a slight application of castor oil in the switch rotary mechanisms is in order...

Had that same trouble here once with a high-voltage Centralab-brand ceramic rotary switch that wouldn't always positively lock into position every time. The castor oil cured that ailment PDQ.

~73~ de Eddy VE3CUI - VE3XZ

10621. Handy was a guess....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-01 13:50:16 UTC
From: Louis Vermond
Topic: 10621 Message: 10621

Anyone tell me the name of the long time ARRL staffer having the pronounced rather elongated jaw?

HYN, Lou

10622. Re: [AWA Group] Handy was a guess....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-01 13:52:55 UTC
From: Eddy Swynar
Topic: 10621 Message: 10622

On 2015-01-01, at 8:50 AM, Louis Vermond ldvermond@... [AWAGroup] wrote:

>
> Anyone tell me the name of the long time ARRL staffer having the pronounced rather elongated jaw?
>
> HYN, Lou
>
> __._._

Hi Lou,

Yup---that'd be Ed Handy, alright...

~73~ de Eddy VE3CUI - VE3XZ

10623. Re: [AWA Group] Handy was a guess....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-01 14:01:16 UTC
From: Louis Vermond
Topic: 10621 Message: 10623

Yup---that'd be Ed Handy, alright... Good start to a nu yr. Eddy comes thru...

Now, I have net looked for his picture long and hard...honest...but to no avail. Anyone?

Lou

10624. Some Arrl Luminaries

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-01 14:26:01 UTC
From: Eddy Swynar
Topic: 10624 Message: 10624
Attachments: 3 described; binary payloads are missing from this source WARC

Hi Lou,

Still looking for an on-line pix of Ed Handy, but in the mean time, I dug these guys up...

D'ya recognize any of 'em...?

~73~ de Eddy VE3CUI - VE3XZ

10625. RE: [AWA Group] Tuffest challenge and Pi

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-01 15:16:47 UTC
From: Steve Flood
Topic: 10618 Message: 10625

when did Pi network outputs come into use? I don't think it was around in the 20s or even the 30s but have been unable so far to get a handle on when it came into vogue.

It shows up in the 1935 Radio Handbook on page 113 and referred to there as a “Collins Pi Coupler”. It also appears on page 116 of the 1935 Radio Amateurs Handbook. I did not see anything in my 1931 handbooks. Perhaps look through some academic, industry, and IRE literature of the period if you have more than a passing interest.

Steve KK7UV

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

10626. Re: [AWA Group] Some Arrl Luminaries [3 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-01 17:19:27 UTC
From: Roger Kuchera
Topic: 10624 Message: 10626
Attachments: 3 described; binary payloads are missing from this source WARC

Don Mix at the controls of WNP
Clarence Tuska
Hiram Percy Maxim

On Thursday, January 1, 2015 9:27 AM, "Eddy Swynar deswynar@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Hi Lou,

Still looking for an on-line pix of Ed Handy, but in the mean time, I dug these guys up...

D'ya recognize any of 'em...?

~73~ de Eddy VE3CUI - VE3XZ

10627. Re: [AWA Group] Handy was a guess....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-01 17:20:39 UTC
From: Roger Kuchera
Topic: 10621 Message: 10627

That would be Handy of Handy's Handy Handbook fame (ca. 1926).

Roger.

On Thursday, January 1, 2015 9:01 AM, "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Yup---that'd be Ed Handy, alright... Good start to a nu yr. Eddy comes thru...

Now, I have net looked for his picture long and hard...honest...but to no avail. Anyone?

Lou

10628. Re: [AWA Group] Some Arrl Luminaries [3 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-01 17:21:57 UTC
From: Eddy Swynar
Topic: 10624 Message: 10628

On 2015-01-01, at 12:19 PM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:

>
> Don Mix at the controls of WNP
> Clarence Tuska
> Hiram Percy Maxim
>
>
>

I think we have a winner...! :o)

~73~ de Eddy VE3CUI - VE3XZ

10629. RE: [AWA Group] Some Arrl Luminaries

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-01 17:23:18 UTC
From: Mike Feher
Topic: 10624 Message: 10629

I thought the questions were directed to Lou. HNY - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, January 01, 2015 12:22 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Some Arrl Luminaries

On 2015-01-01, at 12:19 PM, Roger Kuchera rwkuchera@... [AWAGroup]
wrote:

Don Mix at the controls of WNP

Clarence Tuska

Hiram Percy Maxim

I think we have a winner...! :o)

~73~ de Eddy VE3CUI - VE3XZ

10630. Re: [AWA Group] Handy was a guess....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-01 17:24:02 UTC
From: Eddy Swynar
Topic: 10621 Message: 10630

On 2015-01-01, at 12:20 PM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:

>
> That would be Handy of Handy's Handy Handbook fame (ca. 1926).
>
> Roger.

Hi Roger,

That's the guy, alright---but he is surely PERSONNA NON GRATA on the internet, in so far as his image might go.

Can't locate a pix of him anywhere. Go figure...!

~73~ de Eddy VE3CUI - VE3XZ

10631. Re: [AWA Group] Some Arrl Luminaries

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-01 17:25:53 UTC
From: Eddy Swynar
Topic: 10624 Message: 10631

On 2015-01-01, at 12:23 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

>
> I thought the questions were directed to Lou. HNY – Mike
>
>
>
> Mike B. Feher, N4FS
>

Hi Mike,

Lou was far too slow on the up-take, so the field was wide open...!

~73~ de Eddy VE3CUI - VE3XZ

> _,_._,___

10632. Re: [AWA Group] Some Arrl Luminaries

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-01 17:31:34 UTC
From: Roger Kuchera
Topic: 10624 Message: 10632

I didn't mean to steal anyone's thunder.

Roger.

On Thursday, January 1, 2015 12:26 PM, "Eddy Swynar deswynar@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

On 2015-01-01, at 12:23 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

>
>
>I thought the questions were directed to Lou. HNY – Mike
>
>Mike B. Feher, N4FS

Hi Mike,

Lou was far too slow on the up-take, so the field was wide open...!

~73~ de Eddy VE3CUI - VE3XZ

–’–·–’–––

10633. RE: [AWA Group] Some Arrl Luminaries

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-01 17:35:30 UTC
From: Mike Feher
Topic: 10624 Message: 10633

I was just kidding. I was not sure about the first guy anyway. The last two of course were obvious. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, January 01, 2015 12:32 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Some Arrl Luminaries

I didn't mean to steal anyone's thunder.

Roger.

On Thursday, January 1, 2015 12:26 PM, "Eddy Swynar deswynar@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

On 2015-01-01, at 12:23 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

I thought the questions were directed to Lou. HNY – Mike

Mike B. Feher, N4FS

Hi Mike,

Lou was far too slow on the up-take, so the field was wide open...!

~73~ de Eddy VE3CUI - VE3XZ

–’–·–’–––

10634. Re: [AWA Group] Some Arrl Luminaries

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-01 17:41:13 UTC
From: Eddy Swynar
Topic: 10624 Message: 10634

On 2015-01-01, at 12:35 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

>
> I was just kidding. I was not sure about the first guy anyway. The last two of course were obvious. 73 – Mike
>
>
>
> Mike B. Feher, N4FS
>

Hi Guys,

I wonder: can ANYONE find a picture of Ed Handy (W1BDI) anywhere on the internet...? I give up here!

However, in my search, I DID come across something pretty neat: the complete download of the classic book, "FIFTY YEARS OF ARRL" i.e. a bound reprint of the series that was in QST every month in 1964...

Well worth looking at, IMHO.

http://www.n5dux.com/ham/files/pdf/Fifty%20Years%20Of%20ARRL.pdf

~73~ de Eddy VE3CUI - VE3XZ

10635. Re: [AWA Group] Some Arrl Luminaries [3 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-01 19:46:51 UTC
From: Louis Vermond
Topic: 10624 Message: 10635
Attachments: 1 described; binary payloads are missing from this source WARC

Don Mix at the controls of WNP Clarence Tuska Hiram Percy Maxim

Roger, Add this...

10636. Re: [AWA Group] Some Arrl Luminaries [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-01 19:48:51 UTC
From: Eddy Swynar
Topic: 10624 Message: 10636

On 2015-01-01, at 2:46 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:

> □
>
> Don Mix at the controls of WNP Clarence Tuska Hiram Percy Maxim
>
> Roger, Add this...
>
>

Hi Lou,

No luck with Ed Handy (W1BDI) at your end, either, huh...?

~73~ de Eddy VE3CUI - VE3XZ

10637. Re: [AWA Group] Some Arrl Luminaries

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-01 19:53:36 UTC
From: Louis Vermond
Topic: 10624 Message: 10637
Attachments: 1 described; binary payloads are missing from this source WARC

No luck with Ed Handy (W1BDI) at your end, either, huh...? Nothing. Found this tho...

I'm cleaning up the shop. Gg QRT for a bit. Lou

10638. Re: Handy was a guess....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-01 20:53:11 UTC
From: w0vlz@...
Topic: 10621 Message: 10638

"long time ARRL staffer" says it. I got 1830 hits with Handy, F.E., W1BDI as author in the QST archives. He had a 42 year career with the ARRL.

Seaching QST with W1BDI in the title turned up his obit, Jan 82, pg 60 with a formal photo. Other QST issues with a photo are Jan '59, Apr '60 and Feb '44.

10639. New Power Supply test.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-03 23:58:01 UTC
From: dulmagedon@...
Topic: 10639 Message: 10639

In an attempt to improve my signal and give me more flexibilty in my pe 29 shack I built a little PS. I have not been able to test on air yet so if anyone would I need a quick RST 80M or 40M . I can use the TGTP or the Hartley. Am going to call CQ (CW)for a bit starting at 7 PM EST. On or near 7110.
don

10640. Re: [AWA Group] New Power Supply test.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-04 00:20:59 UTC
From: N1BUG
Topic: 10639 Message: 10640

Don, I tried to listen for you but 40 is a mess at this hour. Lots of CW activity and the SSB out of South America doesn't help.

Paul

On 01/03/2015 06:58 PM, dulmagedon@... [AWAGroup] wrote:

In an attempt to improve my signal and give me more flexibilty in my pe 29 shack I built a little PS. I have not been able to test on air yet so if anyone would I need a quick RST 80M or 40M . I can use the TGTP or the Hartley. Am going to call CQ (CW)for a bit starting at 7 PM EST. On or near 7110.
don

10641. Re: [AWA Group] New Power Supply test.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-04 02:38:12 UTC
From: dulmagedon@...
Topic: 10639 Message: 10641

40 is a mess
Ain't that the truth. Thanks Paul I gave it try anyway. I basically want to be sure it is working OK. I think it is quieter but really can't tell here.
I spent most of the day rebuilding my 6l6 rig into a 6BL7 mopa. I need to put a doubler in the PS. I want to run the osc half throttle and it is very loosley coupled. And step on the PA full bore.
Great hobby !
don

10642. Loop Carbon Mic. Larry pse note

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-04 03:17:44 UTC
From: Ron Barlow
Topic: 10586 Message: 10642

A good way to stay warm, during a cold Maine winter?
73 & HNY de Ron n4gjv

Lessee... for 1KW PEP output, 100% modulated AM, that
means 750W
dissipated in the carbon microphone. I don't think
so!
73,

-Larry/NE1S

10643. Re: [AWA Group] New Power Supply test.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-04 10:26:17 UTC
From: N1BUG
Topic: 10639 Message: 10643

Don if you decide to try on 40 during the day or 80 in the evening let us know. I will listen and if I hear you, make a recording so you can hear what it sounds like at a distance. I have to deal with snow removal sometime today but will be here most of the time.

It's looking like I might not get to a OT radio building project this winter. Too many other unfinished projects to take my time and enjoy it. But I'm having fun, so 'tis all good.

73,
Paul N1BUG

On 01/03/2015 09:38 PM, dulmagedon@... [AWAGroup] wrote:

40 is a mess
Ain't that the truth. Thanks Paul I gave it try anyway. I basically want to be sure it is working OK. I think it is quieter but really can't tell here.
I spent most of the day rebuilding my 6l6 rig into a 6BL7 mopa. I need to put a doubler in the PS. I want to run the osc half throttle and it is very loosley coupled. And step on the PA full bore.
Great hobby !
don

10644. Re: Loop Carbon Mic. Larry pse note

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-04 13:17:39 UTC
From: dulmagedon@...
Topic: 10586 Message: 10644

Well since you brought it up. I was trying to let it go but I am only human.
First 100% modulation is not necessary for good communication. 40% is quite acceptable and it can be done on less. A lot less. In 1919 ANY voice on a radio signal would have been wonderful. 100% is the standard to shoot for perhaps and some want 100+. That said I have had too much and had to back off the coupling.
Secondly to expect a system like that to be perfect is not reasonable and to try and apply modern standards to it is "less then fair".
Your (our)TNTs Hartleys etc don't have perfect signals or even close and this is from that era. So the same standards should be applied. Does it work? Yes. Is it usable and fun? Yes. Punkt.
Thirdly if you need a KW to enjoy radio you have a problem. A good 150W with a good antenna will get you most anywhere. 5 watts will easily get to the east coast from here. CW or Loop phone as some of you who double checked on me already know.
For most getting out is not the deal. Hearing or RX is the problem. I listened to a KB3Y something last night who was calling CQ for hours and getting replys but obviously didn't hear them.
Fourthly I use solar window heater(my own invention) here to keep warm but they are also a passive device costing little, capable of heating the whole house in even moderate sunlight but like the Loop are so simple that no one would try them anyway. However what I save on heating with them goes into my European trip funds (thousands of $$$$).

10645. RE: [AWA Group] Loop Carbon Mic. Larry pse note

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-04 15:46:12 UTC
From: Carl Nord
Topic: 10586 Message: 10645

Your beard would ignite in a second !

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, January 03, 2015 10:18 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Loop Carbon Mic. Larry pse note

A good way to stay warm, during a cold Maine winter?
73 & HNY de Ron n4gjv

Lessee... for 1KW PEP output, 100% modulated AM, that
means 750W
dissipated in the carbon microphone. I don't think
so!
73,

-Larry/NE1S

10646. Re: [AWA Group] Re: Loop Carbon Mic. Larry pse note

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-04 17:34:38 UTC
From: Ron Barlow
Topic: 10586 Message: 10646

Hi Don,
I was curious and puzzled by one word that you used, in your note.

"Sunlight". What is that???
73 de Ron

On Sun, 1/4/15, dulmagedon@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] Re: Loop Carbon Mic. Larry pse note
To: AWAGroup@yahoogroups.com
Date: Sunday, January 4, 2015, 8:17 AM

Well since you brought it up. I was trying to let
it go but I am only human.
 First 100%
modulation is not necessary for good communication. 40% is
quite acceptable and it can be done on less. A lot less.
In 1919 ANY voice on a radio signal would have been
wonderful. 100% is the standard to shoot for perhaps and
some want 100+. That said I have had too much and had to
back off the coupling.
Secondly to expect a
system like that to be perfect is not reasonable and to try
and apply modern standards to it is "less then
fair".
Your (our)TNTs Hartleys etc
don't have perfect signals or even close and this is
from that era. So the same standards should be applied. Does
it work? Yes. Is it usable and fun? Yes. Punkt.
Thirdly if you need a KW to enjoy radio you
have a problem. A good 150W with a good antenna will get you
most anywhere. 5 watts will easily get to the east coast
from here. CW or Loop phone as some of you who double
checked on me already know.
For most
getting out is not the deal. Hearing or RX is the problem. I
listened to a KB3Y something last night who was calling CQ
for hours and getting replys but obviously didn't hear
them.
Fourthly I use solar window heater(my
own invention) here to keep warm but they are also a passive
device costing little, capable of heating the whole house in
even moderate sunlight but like the Loop are so simple that
no one would try them anyway. However what I save on heating
with them goes into my European trip funds (thousands of
$$$$).

Posted by: dulmagedon@yahoo.ca

10647. Good morning everyone!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-05 12:56:45 UTC
From: Louis Vermond
Topic: 10647 Message: 10647
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

10648. RE: [AWA Group] Good morning everyone!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-05 13:00:43 UTC
From: Mike Feher
Topic: 10647 Message: 10648
Attachments: 1 described; binary payloads are missing from this source WARC

What band is that HB for?

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, January 05, 2015 7:57 AM
To: Louis Vermond
Subject: [AWA Group] Good morning everyone!

10649. Re: [AWA Group] Good morning everyone!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-05 15:04:41 UTC
From: Louis Vermond
Topic: 10647 Message: 10649
Attachments: 1 described; binary payloads are missing from this source WARC

Well, let's see. The ears appear to be cut for 430...

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com ; 'Louis Vermond'
Sent: 2015-01-05 8:00 AM
Subject: RE: [AWA Group] Good morning everyone!

What band is that HB for?

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, January 05, 2015 7:57 AM
To: Louis Vermond
Subject: [AWA Group] Good morning everyone!

10650. 2015 AM TRANSMITTER RALLY

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-05 18:39:06 UTC
From: Ron Barlow
Topic: 10650 Message: 10650

Hello all,
I believe that many of you also subscibe to the GB list. For the benefit of any of you, that do not, I thought it worthwhile to forward this posting, by Brian, AF4K, from that list.
73 de Ron

2015 AM Transmitter Rally
Saturday, February 21st 1100 UTC to Monday, February 23th 0700 UTC

Complete information & rules are available at http://amfone.net/AMTR/AMTR-2015.html

Just a friendly reminder that the 2015 AM Transmitter Rally will be coming up in February. Use your vintage or modern AM gear for AM to AM QSOs. Low or high power, new or old gear, fire up for the AM Transmitter Rally! Renew old acquaintances and welcome newcomers to AM. Please
spread the word among your AM friends!

The AM Transmitter Rally is sponsored by: AMFONE (http://www.amfone.net) & Radio Engineering
Associates (http://www.radioassociates.com >)

Let me know if you have any questions.
73, Brad K4RT

bradk4rt@...

10651. VE3UR

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-06 14:16:47 UTC
From: Eddy Swynar
Topic: 10651 Message: 10651
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Guys,

I believe somebody here once said that VE3UR was an Elmer of sorts to them, early in their respective Ham career...? Don, was that you, maybe...?

In any event, here's an old VE3UR QSL card, from back in the day.

~73~ de Eddy VE3CUI - VE3XZ

10652. Re: [AWA Group] VE3UR [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-06 20:27:27 UTC
From: Whitebear
Topic: 10651 Message: 10652

That would be me. I worked him around 68 , first DX as a Novice., then again on Rtty in the early 90s. He's been active a long time! Thanks Eddy

Sent from my iPhone

10653. Dual tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-06 22:49:17 UTC
From: dulmagedon@...
Topic: 10653 Message: 10653

I have been working on my original HB transceiver the last couple of days. Screen modulated two tube tx with a mated two tubed regen. I had great success today getting power up to usable levels (7+ watts out.)and improving the modulator in a couple of places. 80M ad 40m were crap today so when I finished so early I took that 3e29 (mil 829B) octal adapted tube I showed last week or so and replaced the 6146B in one of my HB Am transmitter projects. I am not using that rig nor do I intend to (20M AM (14286)is only used by two people in the world and on any given day usually one of them is sick) and decided it would be the be guinea pig for the test of the adapter tube. Did it work? As a matter a fact YES!
don

10654. Just a WOW

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-07 11:56:35 UTC
From: Louis Vermond
Topic: 10654 Message: 10654

http://www.ebay.ca/itm/Rare-1924-MELCO-Supreme-by-AMSCO-Exceptional-Radio-w-Telos-Vario-Transformers/141527405941?_trksid=p2045573.c100034.m2102&_trkparms=aid%3D555012%26algo%3DPW.MBE%26ao%3D1%26asc%3D20141121090555%26meid%3D5e70367df8ad40b59b238551979e2112%26pid%3D100034%26prg%3D20141121090555%26rk%3D2%26rkt%3D4%26mehot%3Dpp%26sd%3D381112290074

10655. RE: [AWA Group] Just a WOW

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-07 12:06:42 UTC
From: Mike Feher
Topic: 10654 Message: 10655

It is indeed a beauty- 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, January 07, 2015 6:57 AM
To: AWAGroup
Subject: [AWA Group] Just a WOW

http://www.ebay.ca/itm/Rare-1924-MELCO-Supreme-by-AMSCO-Exceptional-Radio-w-Telos-Vario-Transformers/141527405941?_trksid=p2045573.c100034.m2102
<http://www.ebay.ca/itm/Rare-1924-MELCO-Supreme-by-AMSCO-Exceptional-Radio-w-Telos-Vario-Transformers/141527405941?_trksid=p2045573.c100034.m2102&_trkparms=aid%3D555012%26algo%3DPW.MBE%26ao%3D1%26asc%3D20141121090555%26meid%3D5e70367df8ad40b59b238551979e2112%26pid%3D100034%26prg%3D20141121090555%26rk%3D2%26rkt%3D4%26mehot%3Dpp%26sd%3D381112290074>
&_trkparms=aid%3D555012%26algo%3DPW.MBE%26ao%3D1%26asc%3D20141121090555%26meid%3D5e70367df8ad40b59b238551979e2112%26pid%3D100034%26prg%3D20141121090555%26rk%3D2%26rkt%3D4%26mehot%3Dpp%26sd%3D381112290074

10656. Coil Forms -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-07 13:01:26 UTC
From: Mike Feher
Topic: 10656 Message: 10656

Check these out 321274778361 . I decided it is better just to give the item number as then you do not have to sign in if you are in a different country than from where the link that was sent, like in the case of Lou, where I cannot use his links. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

10657. Re: [AWA Group] Coil Forms -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-07 13:15:49 UTC
From: N1BUG
Topic: 10656 Message: 10657

For what it's worth, Lou's eBay links always work for me. One click and I'm there. With an item number I have to select the number, copy, open a browser, go to eBay, paste. Lot more work. Which is probably good as I would pass over most of them instead of looking at stuff I want but can't afford to buy. ;-)

73,
Paul N1BUG

On 01/07/2015 08:01 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

Check these out 321274778361 . I decided it is better just to give the item number as then you do not have to sign in if you are in a different country than from where the link that was sent, like in the case of Lou, where I cannot use his links. 73 - Mike

?

Mike B. Feher, N4FS

10658. RE: [AWA Group] Coil Forms -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-07 13:22:09 UTC
From: Mike Feher
Topic: 10656 Message: 10658

You may have registered with eBay Canada. Every time I try his links, I am asked to sign into eBay Canada, and I never registered there. So, I have to extract the number from the link and just use it, and then there is no problem. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, January 07, 2015 8:16 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Coil Forms -

For what it's worth, Lou's eBay links always work for me. One click and I'm there. With an item number I have to select the number, copy, open a browser, go to eBay, paste. Lot more work. Which is probably good as I would pass over most of them instead of looking at stuff I want but can't afford to buy. ;-)

73,
Paul N1BUG

On 01/07/2015 08:01 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

Check these out 321274778361 . I decided it is better just to give the item number as then you do not have to sign in if you are in a different country than from where the link that was sent, like in the case of Lou, where I cannot use his links. 73 - Mike

Mike B. Feher, N4FS

10659. Re: [AWA Group] Coil Forms -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-07 13:51:54 UTC
From: Louis Vermond
Topic: 10656 Message: 10659

Problem noted. Will show both...

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-01-07 8:22 AM
Subject: RE: [AWA Group] Coil Forms -

You may have registered with eBay Canada. Every time I try his links, I am asked to sign into eBay Canada, and I never registered there. So, I have to extract the number from the link and just use it, and then there is no problem. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, January 07, 2015 8:16 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Coil Forms -

For what it's worth, Lou's eBay links always work for me. One click and I'm there. With an item number I have to select the number, copy, open a browser, go to eBay, paste. Lot more work. Which is probably good as I would pass over most of them instead of looking at stuff I want but can't afford to buy. ;-)

73,
Paul N1BUG

On 01/07/2015 08:01 AM, 'Mike Feher' n4fs@eozinc.com [AWAGroup] wrote:

Check these out 321274778361 . I decided it is better just to give the item number as then you do not have to sign in if you are in a different country than from where the link that was sent, like in the case of Lou, where I cannot use his links. 73 - Mike

Mike B. Feher, N4FS

10660. Re: [AWA Group] Coil Forms -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-07 13:57:25 UTC
From: N1BUG
Topic: 10656 Message: 10660

I'm not registered with eBay in any country other than the US as far as I know. Definitely not unless it happened automatically as part of my seller registration or something.

73,
Paul

On 01/07/2015 08:22 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

You may have registered with eBay Canada. Every time I try his links, I am asked to sign into eBay Canada, and I never registered there. So, I have to extract the number from the link and just use it, and then there is no problem. 73 ? Mike

?

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

?

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, January 07, 2015 8:16 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Coil Forms -

?

?

For what it's worth, Lou's eBay links always work for me. One click and I'm there. With an item number I have to select the number, copy, open a browser, go to eBay, paste. Lot more work. Which is probably good as I would pass over most of them instead of looking at stuff I want but can't afford to buy. ;-)

73,
Paul N1BUG

On 01/07/2015 08:01 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

Check these out 321274778361 . I decided it is better just to give the item number as then you do not have to sign in if you are in a different country than from where the link that was sent, like in the case of Lou, where I cannot use his links. 73 - Mike

?

Mike B. Feher, N4FS

10661. Re: [AWA Group] Coil Forms -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-07 14:03:10 UTC
From: Louis Vermond
Topic: 10656 Message: 10661

Innocence has it's rewords, Bugsy.

----- Original Message -----
From: N1BUG paul@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-01-07 8:57 AM
Subject: Re: [AWA Group] Coil Forms -

I'm not registered with eBay in any country other than the US as far as I know. Definitely not unless it happened automatically as part of my seller registration or something.

73,
Paul

On 01/07/2015 08:22 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

You may have registered with eBay Canada. Every time I try his links, I am asked to sign into eBay Canada, and I never registered there. So, I have to extract the number from the link and just use it, and then there is no problem. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, January 07, 2015 8:16 AM
To: AWAGroup@...m
Subject: Re: [AWA Group] Coil Forms -

For what it's worth, Lou's eBay links always work for me. One click and I'm there. With an item number I have to select the number, copy, open a browser, go to eBay, paste. Lot more work. Which is probably good as I would pass over most of them instead of looking at stuff I want but can't afford to buy. ;-)

73,
Paul N1BUG

On 01/07/2015 08:01 AM, 'Mike Feher' n4fs@eozinc.com [AWAGroup] wrote:

Check these out 321274778361 . I decided it is better just to give the item number as then you do not have to sign in if you are in a different country than from where the link that was sent, like in the case of Lou, where I cannot use his links. 73 - Mike

Mike B. Feher, N4FS

10662. Re: [AWA Group] Dual tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-07 14:32:14 UTC
From: Larry Szendrei
Topic: 10653 Message: 10662

On 1/6/15 5:49 PM, dulmagedon@... [AWAGroup] wrote:
>
> I am not using that rig nor do I intend to (20M AM (14286)is only
> used by two people in the world and on any given day usually one of
> them is sick)
>

Don,

There are a bunch of guys on AM around 14.330 MHz on Monday nights starting at 8:00PM eastern. Propagation is better in the summer of course, as 20M shuts down earlier in the winter months.

73,
-Larry/NE1S

10663. Re: [AWA Group] Coil Forms -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-07 14:36:27 UTC
From: Larry Szendrei
Topic: 10656 Message: 10663

On 1/7/15 8:15 AM, N1BUG paul@... [AWAGroup] wrote:
>
> For what it's worth, Lou's eBay links always work for me. One click
> and I'm there. With an item number I have to select the number, copy,
> open a browser, go to eBay, paste. Lot more work. Which is probably
> good as I would pass over most of them instead of looking at stuff I
> want but can't afford to buy. ;-)
>
The links work fine for me, too.

10664. Re: [AWA Group] Coil Forms -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-07 14:39:57 UTC
From: Larry Szendrei
Topic: 10656 Message: 10664

On 1/7/15 8:57 AM, N1BUG paul@... [AWAGroup] wrote:
>
> I'm not registered with eBay in any country other than the US as far
> as I know. Definitely not unless it happened automatically as part of
> my seller registration or something.
>
> 73,
> Paul
>

Me neither, and like I had said, the links are working here, as well.
Not doubting you're having a problem of course, Mike, but its cause must
be something else.

73,
-Larry/NE1S
>
>

10665. RE: [AWA Group] Coil Forms -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-07 14:40:21 UTC
From: Mike Feher
Topic: 10656 Message: 10665

Niel may have pointed out my problem. I am always logged into eBay with my user ID, as I usually buy at least one item a day. So, I am always logged into eBay USA. If I did not log in, I may not have the problem. I will have to try it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, January 07, 2015 9:36 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Coil Forms -

On 1/7/15 8:15 AM, N1BUG paul@... [AWAGroup] wrote:

For what it's worth, Lou's eBay links always work for me. One click and I'm there. With an item number I have to select the number, copy, open a browser, go to eBay, paste. Lot more work. Which is probably good as I would pass over most of them instead of looking at stuff I want but can't afford to buy. ;-)

The links work fine for me, too.

10666. Re: [AWA Group] Coil Forms -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-07 14:43:37 UTC
From: N1BUG
Topic: 10656 Message: 10666

Mike, that alone probably doesn't explain it either. I am usually signed in all the time, but sometimes not. Either way, Lou's links work fine for me.

73,
Paul

On 01/07/2015 09:40 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

Niel may have pointed out my problem. I am always logged into eBay with my user ID, as I usually buy at least one item a day. So, I am always logged into eBay USA. If I did not log in, I may not have the problem. I will have to try it. 73 ? Mike

?

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

10667. Old TRF to ham station.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-07 14:48:53 UTC
From: dulmagedon@...
Topic: 10667 Message: 10667

I keep looking at these old TRF sets. I have several. Two are really good but a couple are "Iffy" on their best day. I often thought everything is there to build a complete ham station. One could easily convert one of the early stages to a TNT or even a TGTP and seperate its output to an antenna. Another stage could easily become a regen and the audio output stage is already there. One sure wouldn't want to ruin a good radio but rewinding a few coils and rerouting some bus wire should do it. It must have been done back in the day. It is just too obvious a challenge. I have a King Neutrodyne here that may get sacrificed on the vintage ham radio altar. It has a bum litz wire coil and its cabinet will never be great.And of course to other no one would even know.. Keying(ad here a mic) can come out the back hole leaving the radio intact visually.
don

10668. Re: [AWA Group] Dual tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-07 14:53:04 UTC
From: dulmagedon@...
Topic: 10653 Message: 10668

Oh Ok. Maybe I will hold off destroying it for another project. Also have an E 20M AM I built.

don

10669. Re: [AWA Group] Old TRF to ham station.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-07 17:04:02 UTC
From: Larry Szendrei
Topic: 10667 Message: 10669

On 1/7/15 9:48 AM, dulmagedon@... [AWAGroup] wrote:
>
> I keep looking at these old TRF sets. I have several. Two are really
> good but a couple are "Iffy" on their best day. I often thought
> everything is there to build a complete ham station. One could easily
> convert one of the early stages to a TNT or even a TGTP and seperate
> its output to an antenna. Another stage could easily become a regen
> and the audio output stage is already there. One sure wouldn't want
> to ruin a good radio but rewinding a few coils and rerouting some bus
> wire should do it. It must have been done back in the day. It is just
> too obvious a challenge. I have a King Neutrodyne here that may get
> sacrificed on the vintage ham radio altar. It has a bum litz wire coil
> and its cabinet will never be great.And of course to other no one
> would even know.. Keying(ad here a mic) can come out the back hole
> leaving the radio intact visually.
> don
>
>
It certainly *was* done, Don, but probably not very much until the
1930's when these old battery-run 3-dialers were obsolete and had lost
much of their value. There was a Short-Wave Craft article which was
reprinted in Gernsback's "1934 Official Short Wave Manual" on p32-34 of
that publication by Louis F. Leuck, entitled "Making a Short-Wave
Transmitter from a Neutrodyne." The transmitter described uses a '01A
Hartley driving a '12A PA, Heising plate-modulated by a '71A, with two
transformer-coupled '01A stages between the carbon mike and the '71A grid.

As I have mentioned here before, I have an old 3-dialer carcass here
waiting for me to get around to such a project.

73,
-Larry/NE1S

10670. Re: [AWA Group] Old TRF to ham station.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-07 17:40:21 UTC
From: dulmagedon@...
Topic: 10667 Message: 10670

Good, I am gonna go for it then. Someday,who knows we may do a three dialer QSO.
don

10671. The Old TRF ham rig rush is on...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-07 17:46:10 UTC
From: Louis Vermond
Topic: 10671 Message: 10671
Attachments: 2 described; binary payloads are missing from this source WARC

D: I keep looking at these old TRF sets. I have several.

L: It certainly was done, Don, but probably not very much until the 1930's when these old battery-run 3-dialers were obsolete and had lost much of their value.

L: As I have mentioned here before, I have an old 3-dialer carcass here waiting for me to get around to such a project.

All this for three little October, 1929 coils...

10672. RE: [AWA Group] The Old TRF ham rig rush is on...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-07 17:58:59 UTC
From: Mike Feher
Topic: 10671 Message: 10672
Attachments: 2 described; binary payloads are missing from this source WARC

I am impressed. I can actually see space on that work bench top. You will not see such a rarity here, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, January 07, 2015 12:46 PM
To: AWAGroup
Subject: [AWA Group] The Old TRF ham rig rush is on...

□

D: I keep looking at these old TRF sets. I have several.

L: It certainly was done, Don, but probably not very much until the 1930's when these old battery-run 3-dialers were obsolete and had lost much of their value.

L: As I have mentioned here before, I have an old 3-dialer carcass here waiting for me to get around to such a project.

All this for three little October, 1929 coils...

10673. Re: [AWA Group] The Old TRF ham rig rush is on...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-07 18:23:23 UTC
From: Louis Vermond
Topic: 10671 Message: 10673
Attachments: 2 described; binary payloads are missing from this source WARC

Trick shot...

----- Original Message -----
From: 'Mike Feher' n4fs@eozinc.com [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-01-07 12:58 PM
Subject: RE: [AWA Group] The Old TRF ham rig rush is on...

I am impressed. I can actually see space on that work bench top. You will not see such a rarity here, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, January 07, 2015 12:46 PM
To: AWAGroup
Subject: [AWA Group] The Old TRF ham rig rush is on...

☐

D: I keep looking at these old TRF sets. I have several.

L: It certainly was done, Don, but probably not very much until the 1930's when these old battery-run 3-dialers were obsolete and had lost much of their value.

L: As I have mentioned here before, I have an old 3-dialer carcass here waiting for me to get around to such a project.

All this for three little October, 1929 coils...

10674. Re: [AWA Group] Old TRF to ham station.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-07 18:51:16 UTC
From: Larry Szendrei
Topic: 10667 Message: 10674

On 1/7/15 12:40 PM, dulmagedon@... [AWAGroup] wrote:
>
> Good, I am gonna go for it then. Someday,who knows we may do a three
> dialer QSO.
> don
>
> _

I hope so, Don :-)
> ._,___

10675. Re: [AWA Group] The Old TRF ham rig rush is on...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-07 18:54:04 UTC
From: Larry Szendrei
Topic: 10671 Message: 10675
Attachments: 1 described; binary payloads are missing from this source WARC

Beautiful job as always, Lou!

73,
-Larry/NE1S

On 1/7/15 12:46 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> □
>
> All this for three little October, 1929 coils...
>
> ---
>

10676. Re: The Old TRF ham rig rush is on...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-07 20:18:05 UTC
From: dulmagedon@...
Topic: 10671 Message: 10676

What does that song say, It only takes a spark.....
don

10677. Re: [AWA Group] Old TRF to ham station.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-07 20:20:58 UTC
From: dulmagedon@...
Topic: 10667 Message: 10677

Do you have a band preference? 40M , 80M?
don

10678. Re: [AWA Group] The Old TRF ham rig rush is on... & Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-07 20:29:36 UTC
From: Louis Vermond
Topic: 10678 Message: 10678
Attachments: 1 described; binary payloads are missing from this source WARC

Beautiful job as always, Lou! Ah shucks, thank you Larry.

Last part I need for this TPTG Depression Rig project.

Small rheostat dial akin to "C1"? Does not have to be exactly as shown, but like in having a scale. Could be 50-0, 0-100 etc.
Maximum dia., 2" with 1/4" shaft hole, but if hole smaller, we'll talk.

(Tim, Scott, pse note that the Depression started, Oct., 1929)

10679. Re: [AWA Group] Old TRF to ham station.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-07 23:57:09 UTC
From: Larry Szendrei
Topic: 10667 Message: 10679

On 1/7/15 3:20 PM, dulmagedon@... [AWAGroup] wrote:
>
> Do you have a band preference? 40M , 80M?
> don
>
>
Between us during the daytime, 40M is the most practical.

I'll be building mine for 160M, 80M, and 40M. But I can't get to it
right away; I'm in the middle of a more ambitious project right now.

73,
-Larry/NE1S

10680. RE: [AWA Group] Old TRF to ham station.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-08 01:20:34 UTC
From: Carl Nord
Topic: 10667 Message: 10680

Larry,

Do you have a copy of that article you can share?

Thanks

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, January 07, 2015 12:04 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Old TRF to ham station.

On 1/7/15 9:48 AM, dulmagedon@... [AWAGroup] wrote:

I keep looking at these old TRF sets. I have several. Two are really good but a couple are "Iffy" on their best day. I often thought everything is there to build a complete ham station. One could easily convert one of the early stages to a TNT or even a TGTP and seperate its output to an antenna. Another stage could easily become a regen and the audio output stage is already there. One sure wouldn't want to ruin a good radio but rewinding a few coils and rerouting some bus wire should do it. It must have been done back in the day. It is just too obvious a challenge. I have a King Neutrodyne here that may get sacrificed on the vintage ham radio altar. It has a bum litz wire coil and its cabinet will never be great.And of course to other no one would even know.. Keying(ad here a mic) can come out the back hole leaving the radio intact visually.
don

It certainly was done, Don, but probably not very much until the 1930's when these old battery-run 3-dialers were obsolete and had lost much of their value. There was a Short-Wave Craft article which was reprinted in Gernsback's "1934 Official Short Wave Manual" on p32-34 of that publication by Louis F. Leuck, entitled "Making a Short-Wave Transmitter from a Neutrodyne." The transmitter described uses a '01A Hartley driving a '12A PA, Heising plate-modulated by a '71A, with two transformer-coupled '01A stages between the carbon mike and the '71A grid.

As I have mentioned here before, I have an old 3-dialer carcass here waiting for me to get around to such a project.

73,
-Larry/NE1S

10681. Re: [AWA Group] Old TRF to ham station.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-08 01:33:15 UTC
From: Louis Vermond
Topic: 10667 Message: 10681

Me too. Lou

----- Original Message -----
From: 'Carl Nord' chnord@comcast.net [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-01-07 8:20 PM
Subject: RE: [AWA Group] Old TRF to ham station.

Larry,

Do you have a copy of that article you can share?

Thanks

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, January 07, 2015 12:04 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Old TRF to ham station.

On 1/7/15 9:48 AM, dulmagedon@... [AWAGroup] wrote:

I keep looking at these old TRF sets. I have several. Two are really good but a couple are "Iffy" on their best day. I often thought everything is there to build a complete ham station. One could easily convert one of the early stages to a TNT or even a TGTP and seperate its output to an antenna. Another stage could easily become a regen and the audio output stage is already there. One sure wouldn't want to ruin a good radio but rewinding a few coils and rerouting some bus wire should do it. It must have been done back in the day. It is just too obvious a challenge. I have a King Neutrodyne here that may get sacrificed on the vintage ham radio altar. It has a bum litz wire coil and its cabinet will never be great.And of course to other no one would even know.. Keying(ad here a mic) can come out the back hole leaving the radio intact visually.
don

It certainly was done, Don, but probably not very much until the 1930's when these old battery-run 3-dialers were obsolete and had lost much of their value. There was a Short-Wave Craft article which was reprinted in Gernsback's "1934 Official Short Wave Manual" on p32-34 of that publication by Louis F. Leuck, entitled "Making a Short-Wave Transmitter from a Neutrodyne." The transmitter described uses a '01A Hartley driving a '12A PA, Heising plate-modulated by a '71A, with two transformer-coupled '01A stages between the carbon mike and the '71A grid.

As I have mentioned here before, I have an old 3-dialer carcass here waiting for me to get around to such a project.

73,
-Larry/NE1S

10682. Look-see...nice one

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-08 01:51:19 UTC
From: Louis Vermond
Topic: 10682 Message: 10682

http://antiqueradios.com/forums/viewtopic.php?f=12&t=259939

10683. RE: [AWA Group] Old TRF to ham station.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-08 10:52:59 UTC
From: dulmagedon@...
Topic: 10667 Message: 10683

I plan to start today if all goes well. I am going to free style it. But all vintage circuits..
Plan is two sections (two dials) for the transmitter and the rest will be a regen with audio output which is already all built and working in the original radio. Modulation will be , well, you know and percent will be adjustable. Plan is to run the osc at around 100 volts and the PA at 180v at least. Couple "not to tight" and hope it doesn't pull on keying. The regen will run on same voltage as osc does. I am going to do a 40/80M I think as the tuning range of those old varcaps will allow that without switching of changing coils. . (I have three such beasts already) I would do a 160M but can't afford the wire for that long an antenna ;>). I may borrow my wife's camera and picture the conversion. I have had a great week in the shack reworking old projects finishing yesterday with my 20m hb screen modulated rig . If it passes the hi power test today then I am caught up and can start on the Neuamateurfunkmachine from a Neutrodyne. I would like to run it battery power although Ihave acquired a 1927 Majestic light socket battery eliminator in working condition.
don

10684. Re: Old TRF to ham station.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-08 11:31:10 UTC
From: Joe Cro
Topic: 10667 Message: 10684

Hello Larry,Carl, and others,
I've seen that article on how to make a "fone rig" from an old TRF Neutrodyne from the 1934 Shortwave manual and have always bee fascinated by it. I'd particularly like to try one on 160M to see how it worked. I've got the "Three Dialer" Neutrodyne donor rig I could use, the necessary tubes and probably all the parts I would need to build one. It would make for a FBOM depression 'fone transmitter!

Let me know how you make out if you actually start to build said transmitter. I'd love to hear it on the air and ideally have a QSO with you if I build one myself. I have the aforementioned article in the 1934 handbook and it doesn't look all that hard to build.

Joe Cro N3IBX

10685. Re: [AWA Group] Old TRF to ham station.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-08 12:03:59 UTC
From: Louis Vermond
Topic: 10667 Message: 10685

I may borrow my wife's camera and picture the conversion.Please do, Don. Lou

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-01-08 5:52 AM
Subject: RE: [AWA Group] Old TRF to ham station.

I plan to start today if all goes well. I am going to free style it. But all vintage circuits..
Plan is two sections (two dials) for the transmitter and the rest will be a regen with audio output which is already all built and working in the original radio. Modulation will be , well, you know and percent will be adjustable. Plan is to run the osc at around 100 volts and the PA at 180v at least. Couple "not to tight" and hope it doesn't pull on keying. The regen will run on same voltage as osc does. I am going to do a 40/80M I think as the tuning range of those old varcaps will allow that without switching of changing coils. . (I have three such beasts already) I would do a 160M but can't afford the wire for that long an antenna ;>). I may borrow my wife's camera and picture the conversion. I have had a great week in the shack reworking old projects finishing yesterday with my 20m hb screen modulated rig . If it passes the hi power test today then I am caught up and can start on the Neuamateurfunkmachine from a Neutrodyne. I would like to run it battery power although Ihave acquired a 1927 Majestic light socket battery eliminator in working condition.
don

10686. Re: Old TRF to ham station.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-08 15:17:52 UTC
From: dulmagedon@...
Topic: 10667 Message: 10686

I hope you do Joe, I have started..Mine has two RF amps at the antenna amp. The last one will become my final and the next one in the osc.. Just need to reverse the direction. Reworking the coils especially the osc coil and the regen section (current detector stage will be from the looks of it the most difficult or confusing. I am aiming for 80M with hopes it wil cover 40M. 160M for me is a waste. I have a 160m commercial rig and it has never caught anything so I will pass on 160M. 80M has been very good to me from this QTH and 40m a close second. I have built quite a few regens and have learned how to make them work with no regeneration control. Whether this radios layout will cooperate with that or not we shall see but almost everything is already there except the regen feedback so it is a shame not to use it since i only need two tubes for the TX. Chances are pretty good that controlling detector filament will work as a regen is nothing more then an oscillator that is just under oscillation point. I will rewind its coil hartley style as I have had the most luck with that style without using a pot or throttle cap. I am loop moding my transmitter for when I want fone and percentage or depth of modulation will be adjustable. Have gotten pretty comfortable with this old system having spent the last year trying everything I could think of. . I busted my soldering iron last night so I am at a stand still till I go to town. And yes I am taking pics with the XYL camera.
don

10687. Re: [AWA Group] Look-see...nice one

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-08 22:04:59 UTC
From: Larry Szendrei
Topic: 10682 Message: 10687

On 1/7/15 8:51 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> http://antiqueradios.com/forums/viewtopic.php?f=12&t=259939
>
> ---
>
Definitely worth the visit!

Thanks, Lou.

10688. Re: [AWA Group] Old TRF to ham station.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-08 22:27:36 UTC
From: dulmagedon@...
Topic: 10667 Message: 10688

I could only get one pic to load.Could be the dial up.Will try from a wifi location. Reworked the output coil. Will check it remounted with the GDO tomorrow. Also want to float the A circuit as it is in this radio one side grounded which interferes with my favourite Osc and regen designs. Hardest part is remembering What I need are the sockets, the coils and the variable caps. Anything else here as built is not important.
don

10689. Re: [AWA Group] Old TRF to ham station.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-08 22:44:59 UTC
From: Larry Szendrei
Topic: 10667 Message: 10689

On 1/8/15 5:27 PM, dulmagedon@... [AWAGroup] wrote:
>
> I could only get one pic to load.Could be the dial up.Will try from a
> wifi location. Reworked the output coil. Will check it remounted with
> the GDO tomorrow. Also want to float the A circuit as it is in this
> radio one side grounded which interferes with my favourite Osc and
> regen designs. Hardest part is remembering What I need are the
> sockets, the coils and the variable caps. Anything else here as built
> is not important.
> don
>
>
OK; once you're on a wifi connection you should have no problem.

The transmitting Hartley circuit you're using can easily be changed to
let one side of the filament be at ground. The receiving Hartley is a
bit more challenging to allow this.

73,
-Larry/NE1S

10690. Re: [AWA Group] Old TRF to ham station.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-09 02:02:53 UTC
From: dulmagedon@...
Topic: 10667 Message: 10690

You are exactly right Larry. The Tx could be modified easily but the rx might become unruly as regens are finicky lil beggers so I think I will just float the A and be done with it. It is not a metal chassis so it isnt a big deal anyway. I especially like building the hartley regens as they are not sensitive to hands and seem to have good manners and easy to control.
don

10691. eBay Alert HRO Paper

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-09 11:02:39 UTC
From: Louis Vermond
Topic: 10691 Message: 10691

http://www.ebay.co.uk/itm/HRO-Communication-Receiver-Instruction-Manual-plus-sundry-paperwork-circuit/291341557937?_trksid=p2047675.c100005.m1851&_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D28111%26meid%3Dedaca993dea9493da0e55a2d53b2eedb%26pid%3D100005%26prg%3D11472%26rk%3D2%26rkt%3D6%26sd%3D291342659538&rt=nc

10692. Re: [AWA Group] Old TRF to ham station.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-09 18:48:17 UTC
From: dulmagedon@...
Topic: 10667 Message: 10692
Attachments: 2 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

10693. RE: [AWA Group] Old TRF to ham station. [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-09 18:51:30 UTC
From: Mike Feher
Topic: 10667 Message: 10693

That looks almost too good to hack up. About 50 years ago when I started collecting, I would have killed for a radio like that, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, January 09, 2015 1:48 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Old TRF to ham station. [2 Attachments]

10694. Re: [AWA Group] Old TRF to ham station.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-09 19:08:57 UTC
From: Steve
Topic: 10667 Message: 10694

>That looks almost too good to hack up. About 50 years ago when I started
>collecting, I would have killed for a radio like that, HI. 73 – Mike

it is a beauty...and look at those pristine Cardwells ...sigh

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

10695. RE: [AWA Group] Old TRF to ham station. [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-09 19:28:41 UTC
From: dulmagedon@...
Topic: 10667 Message: 10695

It is the worst I have. The chassis is good but the cabinet is crap and it is the kind of crap that will never be any good from a collectors standpoint. Warped chipped and distorted so I feel no guilt. I have a perfect AtWater Kent 20 , a perfect Stark Metal Products one tube regen , a Consola chassis I had a cabinet built for and a Freuneden Schmitelheimer or something that works but doesn't lend itself well to mods, an original Radiola III-A that has a family connection. Besides when this is done NO ONE but me and you folks will know it isn't stock. Nothong externally will be changed and very little internally as well when all is said and done. I have the osc and the PA coils done and checked on the GDO. My GDO only goes to 2mcs but I still have lots of vari cap to go to full mesh so It would appear that I will have 160M 80M and 40M without switching. As long as I have 80m solid I am happy as I have the best results there with these rigs. However extra is nice. original coil was over 90 turns. I am at 18 now and it tunes te range. Probably 17 turns would be a bit better but since it covers all I am going to invoke "the cabbage rule" (quit while you're a head). The hardest thing for me is to make myself realize that I dont have to use any of the old circuits if I don't want to. A hartley osc , a RF PA and a hartley regen can be built in a few minutes each once the components are mounted and doing it like this they are. Gotta make a three RFCs. Two for the Tx and one for the regen. It is my goal to have a operational station behind the panel that looks as original as practical and still works well. Probably didn't need the PA but the three dials and coils are there so why not use them all. This radio is set up for a 1000ohm speaker and I have two of them. I have to beleive that early hams did stuff like this all the time. It is just too obvious.
don

10696. RE: [AWA Group] Old TRF to ham station.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-09 19:36:19 UTC
From: Mike Feher
Topic: 10667 Message: 10696

The AK20 and the Radiola III are probably the most common early radios. The IIIA is less common than the plan III. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, January 09, 2015 2:29 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Old TRF to ham station.

It is the worst I have. The chassis is good but the cabinet is crap and it is the kind of crap that will never be any good from a collectors standpoint. Warped chipped and distorted so I feel no guilt. I have a perfect AtWater Kent 20 , a perfect Stark Metal Products one tube regen , a Consola chassis I had a cabinet built for and a Freuneden Schmitelheimer or something that works but doesn't lend itself well to mods, an original Radiola III-A that has a family connection. Besides when this is done NO ONE but me and you folks will know it isn't stock. Nothong externally will be changed and very little internally as well when all is said and done. I have the osc and the PA coils done and checked on the GDO. My GDO only goes to 2mcs but I still have lots of vari cap to go to full mesh so It would appear that I will have 160M 80M and 40M without switching. As long as I have 80m solid I am happy as I have the best results there with these rigs. However extra is nice. original coil was over 90 turns. I am at 18 now and it tunes te range. Probably 17 turns would be a bit better but since it covers all I am going to invoke "the cabbage rule" (quit while you're a head). The hardest thing for me is to make myself realize that I dont have to use any of the old circuits if I don't want to. A hartley osc , a RF PA and a hartley regen can be built in a few minutes each once the components are mounted and doing it like this they are. Gotta make a three RFCs. Two for the Tx and one for the regen. It is my goal to have a operational station behind the panel that looks as original as practical and still works well. Probably didn't need the PA but the three dials and coils are there so why not use them all. This radio is set up for a 1000ohm speaker and I have two of them. I have to beleive that early hams did stuff like this all the time. It is just too obvious.
don

10697. Re: [AWA Group] Old TRF to ham station.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-09 22:45:52 UTC
From: Louis Vermond
Topic: 10667 Message: 10697
Attachments: 1 described; binary payloads are missing from this source WARC

it is a beauty...and look at those pristine Cardwells ...sigh X 10. King Cardwells too...
And all those binding posts...good ones too, c/w celluloid ID disks.

Tks, Don for using ur XYLs camera. Lou

Why the shields (?), anyone?

10698. Re: [AWA Group] Old TRF to ham station.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-10 01:50:45 UTC
From: dulmagedon@...
Topic: 10667 Message: 10698

It is coming along pretty good. I guess as Kathode Mike says it is perhaps a bit rarer then my other ones however I am willing to bet no one has a regen like the Stark. But that doesn't matter. Stuff is never worth anything when you want to sell annyway so I gave up chasing that sort of stuff along time ago. There is a 426 MAX Wedge 63 Dodge sitting in my garage. If I went to sell it I would probably have to give it away. Also have an accordian made about 1888. Probably couldn't find anyone to give $10 for it. Got 8 violins(7 hand made) which probably at sale won't cover the cost of a decent set of strings. Never had any luck buying things because of value or rarity so I buy em cause I want them. I got this King radio at a flea market years ago. Tried to get the cabinet fixed but just wasted my money. At least I will have some fun with it now hopefully. One of the King Cardwells needs adjusting as it wont stay put. I have done that before so it is no big deal. It is in the detector section so will be the regens tuning. I am leaving that alone for now and concentrating on getting this lil Mopa section running . Finished the heater wiring rework. Moved the B- to ground only. and added a three turn link for output. Regen if it is any good wont need more then a few feet of antenna so I never run any of mine on the TX antenna. Wiring for the TX has been split off now. When I run a regen with a tx I always leave the heaters hot and switch the B voltage off the TX and onto the RX. That way heaters are always hot so either is ready to go in an instant but I don't have to listen to the osc or for that matter the PA should it decide to get stupid. Trying something with this Osc and PA using the originl components first. If it does not work it is only a few minutes to go to later 1930s stuff.
don

10699. Re: [AWA Group] Old TRF to ham station.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-10 15:21:43 UTC
From: Doug Forbes
Topic: 10667 Message: 10699
Attachments: 1 described; binary payloads are missing from this source WARC

As a dial "stop" ? Maybe not the intended purpose but it -would- prevent going all the way round.

Doug Forbes WA6VYN

On 1/9/2015 2:45 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
> □
>
> it is a beauty...and look at those pristine Cardwells ...sigh X 10.
> King Cardwells too... And all those binding posts...good ones too, c/w
> celluloid ID disks.
> Tks, Don for using ur XYLs camera. Lou
> Why the shields (?), anyone?
>
>
>
>
>

10700. Re: [AWA Group] Old TRF to ham station. Doug & Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-10 15:44:15 UTC
From: Louis Vermond
Topic: 10700 Message: 10700
Attachments: 1 described; binary payloads are missing from this source WARC

Thank you, Doug. Seems an expensive "stop" tho.

Don, Are the buss leads soldered to the Cardwell stator contact stud/nuts?

BTW, GM, Lou

Why the shields (?), anyone?

10701. K1TG in the Cundall Test

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-10 18:04:55 UTC
From: Roger Kuchera
Topic: 10701 Message: 10701

To the League of Extraordinary Gentlemen -

I plan to operate for both days/nights during the test period. I've made some changes to the ECO frequency control and I would appreciate critical reports on my signal. I won't be offended if they are negative. Thank You and good luck to all hands.

CUL, Roger/K1TG

10702. Re: [AWA Group] Old TRF to ham station.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-10 18:13:22 UTC
From: Steve
Topic: 10700 Message: 10702

> Why the shields (?), anyone?

It's a mystery to me as well...perhaps adding more C at the minimum end of rotation??

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10703. Re: [AWA Group] Old TRF to ham station. Doug & Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-10 18:22:53 UTC
From: dulmagedon@...
Topic: 10700 Message: 10703

No they are bolt togethers. I already readjusted the tension screw and the problem is solved.
Also as of 5 minutes ago it is running! I recorded its second breath with my computer mic and the volume turned up on my KN TS830S nearby. AllI had was 70 volts (8 nine volts) and a six volt on the heaters supply system. I had 01As in both osc and PA and keyed PA only.OScis very loosely coupled to the PA and will run in the end at 90volts while the PA will run at at least 270. Both tuned well. Very distinct and sharpe. I am taking a break before tackling the rx section. Had only one minor glich in firing it up so I am happy.
don
audio attachment coming in minutes

10704. Re: [AWA Group] Old TRF to ham station. Doug & Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-10 18:33:28 UTC
From: dulmagedon@...
Topic: 10700 Message: 10704
Attachments: 1 described; binary payloads are missing from this source WARC

done
don

10705. Re: [AWA Group] Old TRF to ham station. Doug & Don [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-10 18:49:43 UTC
From: Doug Forbes
Topic: 10700 Message: 10705

Dude, How cool is that !!

Doug

On 1/10/2015 10:33 AM, dulmagedon@... [AWAGroup] wrote:
>
>
> done
> don
>
>

10706. Here is my first attempt at an SDR

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-10 19:25:23 UTC
From: Carl Nord
Topic: 10706 Message: 10706
Attachments: 1 described; binary payloads are missing from this source WARC

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, January 10, 2015 1:13 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Old TRF to ham station.

> Why the shields (?), anyone?

It's a mystery to me as well...perhaps adding more C at the minimum end of rotation??

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10707. Re: [AWA Group] Here is my first attempt at an SDR

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-10 19:29:58 UTC
From: Louis Vermond
Topic: 10706 Message: 10707
Attachments: 1 described; binary payloads are missing from this source WARC

Auto-logging, OM?

----- Original Message -----
From: 'Carl Nord' chnord@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-01-10 2:25 PM
Subject: [AWA Group] Here is my first attempt at an SDR

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, January 10, 2015 1:13 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Old TRF to ham station.

> Why the shields (?), anyone?

It's a mystery to me as well...perhaps adding more C at the minimum end of
rotation??

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

10708. Re: [AWA Group] Old TRF to ham station. Doug & Don [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-10 20:07:01 UTC
From: dulmagedon@...
Topic: 10700 Message: 10708
Attachments: 2 described; binary payloads are missing from this source WARC

Thank you,
here are a couple more pics.
don

10709. Re: [AWA Group] Old TRF to ham station.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-10 20:22:36 UTC
From: N1BUG
Topic: 10700 Message: 10709

>> Why the shields (?), anyone?

No idea, but some of the Cardwells I bought had shields on the
bottom, as opposed to the side and half of the top as in that receiver.

73,
Paul N1BUG

10710. Re: [AWA Group] Old TRF to ham station. Doug & Don [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-10 20:40:10 UTC
From: dulmagedon@...
Topic: 10700 Message: 10710
Attachments: 1 described; binary payloads are missing from this source WARC

Sorry I had a rundundant pic .This is what it should have been, Added 5 components and modified I other existing ones. New components are a gridleak assembly 680pf and a lemon resistor.(yellow multiplier) I am colour blind (severely) but its in the 200k area but doesnt really matter as long as it is more then 5k and less then 1 meg. For osc I like lower but for this one since I want it to feel somewhat on its own I chose this value. Cap is a 680pf punkinseed. OSC choke I wound on an spare core. Up top there is another similar choke (for PA tube) and a .003 vintage style cap in the P/grd leg of the osc . A reworked output coil of minmal urns repalces the original Antenna in link. A battery has been separated from the ground (B-) circuit. OSC gets its B- at bottom of coil cap tank and it gets to the heater cathode through the traditional style hartley cathode coil tap. Since the osc and PA heaters are tied the PA steals its grd from that as well. I thought it might bother it but t doesn't appear to. it seems to work well. Working out these deals with directly heated tubes is a bit of a headache but its is done and working. A bit of creativity , a sparkof an idea and a roll of the dice sometimes produces results. (Sometimes it doesn't but you always learn something regardless)
Some were asking about mopa with our tubes. This is one.
don

10711. Re: [AWA Group] Old TRF to ham station. Doug & Don [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-10 21:22:30 UTC
From: Louis Vermond
Topic: 10700 Message: 10711

Don, You've raised my expectations. Lou

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-01-10 3:40 PM
Subject: Re: [AWA Group] Old TRF to ham station. Doug & Don [1 Attachment]

Sorry I had a rundundant pic .This is what it should have been, Added 5 components and modified I other existing ones. New components are a gridleak assembly 680pf and a lemon resistor.(yellow multiplier) I am colour blind (severely) but its in the 200k area but doesnt really matter as long as it is more then 5k and less then 1 meg. For osc I like lower but for this one since I want it to feel somewhat on its own I chose this value. Cap is a 680pf punkinseed. OSC choke I wound on an spare core. Up top there is another similar choke (for PA tube) and a .003 vintage style cap in the P/grd leg of the osc . A reworked output coil of minmal urns repalces the original Antenna in link. A battery has been separated from the ground (B-) circuit. OSC gets its B- at bottom of coil cap tank and it gets to the heater cathode through the traditional style hartley cathode coil tap. Since the osc and PA heaters are tied the PA steals its grd from that as well. I thought it might bother it but t doesn't appear to. it seems to work well. Working out these deals with directly heated tubes is a bit of a headache but its is done and working. A bit of creativity , a sparkof an idea and a roll of the dice sometimes produces results. (Sometimes it doesn't but you always learn something regardless)
Some were asking about mopa with our tubes. This is one.
don

10712. Re: [AWA Group] Old TRF to ham station. Doug & Don [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-10 22:35:09 UTC
From: dulmagedon@...
Topic: 10700 Message: 10712

OH OH!
I am thinking now it would be fun to use it on the Linc Cundall deal. However time can be a big stumbling block when you have little. I haven't begun the regen section yet. I may have to fire up my ARC 5 station on 80M CW since both TX and Rx are up and running. Gotta get some more tubes. Am becoming very fond of 01As. Tuff little beggars! Tired of switching them from one rig to another.
don

10713. Re: [AWA Group] Old TRF to ham station. Doug & Don [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-11 04:50:49 UTC
From: dulmagedon@...
Topic: 10700 Message: 10713

While I was down in studio B (basement) reading the mail on 40M I acidently rewound and tapped the coil for the rx , found another choke and a potential gridleak resistor should the stock one prove not to my liking. As my ancestral relatives say in the old country,"I press my thumbs together" in the hope it may all work out.
don

10714. Updated Bruce Kelley 1929 Log List Emailed and Mailed as of Jan 11

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-11 16:19:08 UTC
From: whitebear1122@...
Topic: 10517 Message: 10714

Greetings. Just got back from a weeks long vacation to toasty warm Puerto Rico were it was 82F every day, and below zero at home :) The other day there was a 96 degree difference between Puerto Rico and home, yikes.

Here is the latest email and snail mail log list for the BK 29. Check for your call sign to make sure I got ur log. If you haven't sent in your log, please do so. In a few weeks I will be sending in the list of W2ICE/0 contacts to Ed Gable. If you want a real W2ICE Bruce Kelley QSL card for your QSO with W2ICE/0, send an SASE with your QSL card to Ed Gable in c/o W2AN at AWA headquarters.

Several people have emailed saying the BK 29 contact info and log sheet template wasn't on theAWA webpage any longer. I looked and agree. Tim W1GIG checked into it and found that the web master pulled it down a bit early. He will put it back up for a few more weeks. Hope to see alot of the guys on this list on the Linc Cundall next weekend. 73, Scott WA9WFA

EMAIL LOGS:
K7SF
W0LS
WA2OVJ
K0KP
KK7UV
W0VLZ
WA6VYN
VE7SL
W8KGI
VE7BDQ
NF1O
AB0CW
KE0Z
K4CHE
K0KCY
AA9DH
NE1S
W2LB
W0LGU
N1BUG
N3GJ
W2VDX, Jerry passed away and his son has the call now and operated the event in memory of his dad
W1ZB
WB2AWQ
WB9WHG

>
MAILED LOGS:
N8YE

W3BYM
K4LJH
K4JYS
KI0DB (or as Mark says KI0 DOG BISCUIT)
KC9WYV, Joe Weber, the youngest in the 29 event at 12 years
W3FJJ
KB0ROB
WA8DOF
W0CWU
W2AO
AA2YV
N9HAL
NV1X
W7LNG
W4NTO
>

10715. Re: [AWA Group] Old TRF to ham station. Doug & Don [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-11 22:18:02 UTC
From: dulmagedon@...
Topic: 10700 Message: 10715

I have it all wired. I believe and I think the regen should work. It has been my experieince the hartley regens on battery power will cover a fairly broad range just by keeping B+ under osc point without an actually regen pot. Not likely the whole tuning range but perhaps a good portion of the chosen band. All hI need to scour the house for tubes which may be ok. I dont feel lucky today so will wait till another day to try the Rx out. It is a bit exciting the thought that it may actually work. Signal is very clean on battery power. Anyway till tomorrow.
don

10716. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-12 11:17:42 UTC
From: Louis Vermond
Topic: 130 Message: 10716

http://www.ebay.com/itm/AMECO-TRANSMITTER-MODEL-AC-1-/311252318380?ssPageName=ADME:SS:SS:US:1120

10717. Re: [AWA Group] Old TRF to ham station. Doug & Don [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-12 13:20:12 UTC
From: dulmagedon@...
Topic: 10700 Message: 10717

I had it going early this morning. Had a squeal and some noise but no signals and it could be 80M was just dead but I dont have enough good batteries as these are last years for my studio A regen so its off to the Dollar store to reload. Probably buy 30 nine volts. I found enough tubes and have a couple more mods I wish to preform. I must say for me the idea of having a real 1925 ham station is exciting. I am going to remove heater controls from osc and PA tx tubes and let them run direct full 5 volts. Then use that rheo for the regen tube which will give me a gain control.without drilling and blasting the front panel. I am also going to wire in the key connection to the PA independent of the audio B+ supply and I need to spend some time on my lathe with a hardwood dowel making my adjustable modulator assembly. No 1 though is getting the regen proved and running for sure.
don

10718. Re: [AWA Group] Old TRF to ham station. Doug & Don [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-13 01:28:11 UTC
From: dulmagedon@...
Topic: 10700 Message: 10718

I got it! Was just listening to W1AW code practice and CHU time signal etc. Rechecked to make sure tx still works , It does. Tomorrow I will clean up the wiring. Install the Key line and figure out an external switch to kill the osc and fire the regen. Regen couples to the tx antenna nicely with gimmick cap. Since neither will be on at the same time I may not have to switch it. I see how much it bothers it if at all. Is it super duper wonderful? probably not by today's standards. . Is it usable and practical? Yup! regen is controlled by controlling heater voltage on the detector stage and it appears to work pretty good. A regen is after all just a vegetarian oscillator starving for power. Feels like 1925 Ham station.
It was for me a very interesting project. I tried a lot of things before I settled on its current set up. Volume is quite decent too. Output is 1000 ohms and all I had was a 2500 ohm single earpiece a friend found in the mud at the local dump. Still was decent and I didnt need full throttle on the output tube. No external changes so no one would know looking at it that it is a mopa and the three stage regen..
don

10719. Re: [AWA Group] Old TRF to ham station. Doug & Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-13 12:27:51 UTC
From: Larry Szendrei
Topic: 10700 Message: 10719

On 1/12/15 8:28 PM, dulmagedon@... [AWAGroup] wrote:
>
> I got it! Was just listening to W1AW code practice and CHU time signal
> etc. Rechecked to make sure tx still works , It does.
>
Congrats, Don!
>
> Tomorrow I will clean up the wiring. Install the Key line and figure
> out an external switch to kill the osc and fire the regen. Regen
> couples to the tx antenna nicely with gimmick cap. Since neither will
> be on at the same time I may not have to switch it. I see how much it
> bothers it if at all.
>
The TX output circuit may load down the antenna circuit of the regen making it less sensitive, and reduce the Q of the regen grid circuit (which would affect sensitivity and selectivity). You may or may not notice these problems, so if you don't go for it! If you had an extra '01A in the set you could probably wire it up as an untuned RF amp for the receiver. The amp stage wouldn't provide much, if any, gain, but it would isolate the regen grid tank from the output tank while still coupling the regen to the antenna, and also serve as an automatic TR switch by going into cutoff on transmit (if the grid resistor on the RF amp stage was chosen accordingly).

73,
-Larry/NE1S

10720. Re: [AWA Group] Old TRF to ham station. Doug & Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-13 13:55:35 UTC
From: dulmagedon@...
Topic: 10700 Message: 10720

Thanks Larry, Yes, it may or may not bother it much however with morning here I think since I am switching it anyway I may just include the antenna link in the switching. Normally I never listen on the same antenna except with my SSB stuff. I thought of several other options while building it. One being a power osc instead of a mopa however I was looking for a steady CW note so decided a lightly loaded or loosley coupled osc loafing along had the best chance and put the stomp in the PA. I have built regens with Rf amps but gave that up a few years ago for a bad job. A regen sure doesn't need the boost as it will sicken most superhet for sensitivity. and the isolation gained is quite localized. in most cases. But that is just me. A battery powered Tx is spooky because of the pure CW note. I won't have a lot of time on TX but as long as I get some that is fine.
If I was building another one this morning I would probably do a few things different as I was making it more difficult then it needed to be I discovered. Late last night after 80M had pretty well crapped out I had it going and was copying a SSB station nicely on the regen section. I turned on the computer and recorded a bit (10 seconds) I have no idea where the actual mic is on this computer so I just set the earpiece on the case and let it run. It came through although a direct feed would have sounded much better. Need to go to the wifi spot to send it. Tuning without gear reduction is always a challenge but it is a usable station and that was the goal. Nice having the three stages in the RX.
don

10721. Re: [AWA Group] Old TRF to ham station. Doug & Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-13 14:05:31 UTC
From: dulmagedon@...
Topic: 10700 Message: 10721

Oh yeah, I forgot to mention, I was able to use the original fancy clip in grid resistor (Daves Radios NJ, USA) and installed a 100 pf punkin seed underneath in parallel. I added an RF choke in the regen plate /audio transformer pri circuit. It may not be necessary but I like to use them to fence the RF in where it belongs.(and keep it out of the power supply and PS leads) I bought a bunch of generic ones from A1 Electronics in TO for $2 each and they seem to work well.
don

10722. Re: [AWA Group] Old TRF to ham station. Doug & Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-13 17:20:03 UTC
From: dulmagedon@...
Topic: 10700 Message: 10722
Attachments: 1 described; binary payloads are missing from this source WARC

All back together and in its case. Should be able to get it on air for the weekend. Because it is on batteries I wont use the Tx unless conditions are good. Am working on the adjustable sniffer /modulator in the meantime.
don

10723. Re: [AWA Group] Old TRF to ham station. Doug & Don [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-13 17:36:52 UTC
From: Doug Forbes
Topic: 10700 Message: 10723

SO cool !

Doug WA6VYN<http://sites.google.com/site/dougforbes1/home>

On 1/13/2015 9:20 AM, dulmagedon@... [AWAGroup] wrote:
>
>
> All back together and in its case. Should be able to get it on air for
> the weekend. Because it is on batteries I wont use the Tx unless
> conditions are good. Am working on the adjustable sniffer /modulator
> in the meantime.
> don
>
>

10724. Re: [AWA Group] Old TRF to ham station. Doug & Don [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-14 16:45:30 UTC
From: dulmagedon@...
Topic: 10700 Message: 10724

Well not everything goes perfect. Before putting it back in the case I trimmed up sme of my connections. When I finally got the harness done and fired it no osc in the TX. And I had tried everything on it before putting it back in the case but had done the pretty work after the tests. There are only so many parts in a H osc so I tested what I could from above. this morning I grudgingly unboxed it. First thing I checked was the grid leak cap. Surnuf. I had trimmed the wrong wire. Failing eyesight and low light mixed with befuddlement is a recipe for trouble I guess. I long for my youth when I was fit, could see and knew "everything!"
don

10725. Re: [AWA Group] Old TRF to ham station. Doug & Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-14 17:10:16 UTC
From: Leonard Meek
Topic: 10700 Message: 10725

Don't feel pregnant, Don. I've been there almost daily.

Leonard

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Wednesday, January 14, 2015 6:45 AM
Subject: Re: [AWA Group] Old TRF to ham station. Doug & Don

Well not everything goes perfect. Before putting it back in the case I trimmed up sme of my connections. When I finally got the harness done and fired it no osc in the TX. And I had tried everything on it before putting it back in the case but had done the pretty work after the tests. There are only so many parts in a H osc so I tested what I could from above. this morning I grudgingly unboxed it. First thing I checked was the grid leak cap. Surnuf. I had trimmed the wrong wire. Failing eyesight and low light mixed with befuddlement is a recipe for trouble I guess. I long for my youth when I was fit, could see and knew "everything!"
don

10726. Fw: [AWA] Browning Labs S-4 freq meter info

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-14 21:08:52 UTC
From: Ron Barlow
Topic: 10726 Message: 10726

Hello all,
  Can anyone possibly help me with freq range info and possibly a source for a schematic diagram, for a Browning Labs model S-4 freq meter?
  A Google search yielded nil, except for an ad for an older (S-2) model, and the ad did not provide freq range info, for that model.
           73 de Ron

10727. Re: Fw: [AWA] Browning Labs S-4 freq meter info

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-15 02:53:11 UTC
From: dulmagedon@...
Topic: 10726 Message: 10727

https://images.search.yahoo.com/yhs/search;_ylt=A0LEVitvKrdUV4IAi9glnIlQ;_ylu=X3oDMTBsa3ZzMnBvBHNlYwNzYwRjb2xvA2JmMQR2dGlkAw--?_adv_prop=image&fr=yhs-mozilla-001&va=Browning+S+4+frequency+meter&hspart=mozilla&hsimp=yhs-001 https://images.search.yahoo.com/yhs/search;_ylt=A0LEVitvKrdUV4IAi9glnIlQ;_ylu=X3oDMTBsa3ZzMnBvBHNlYwNzYwRjb2xvA2JmMQR2dGlkAw--?_adv_prop=image&fr=yhs-mozilla-001&va=Browning+S+4+frequency+meter&hspart=mozilla&hsimp=yhs-001

10728. Re: [AWA Group] Old TRF to ham station. Doug & Don [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-15 14:41:17 UTC
From: dulmagedon@...
Topic: 10700 Message: 10728

Crunch time now. I am not driving the mopas PA hard enough. I.8 watts is all it draws. 8 mils at 225 volts key down. I think it is because I am not pushing it hard enough with the osc. I will try adding some pfs in the osc plate to grid circuit and see what happens. CW note is not bad. I was listenng on my TS830S. No squawck and just the tiniest hint of a chirp which may be only right here. Of course as I load the osc to push the PA more that may all go out the window.
Also I found a complete set of tubes in my shack for this chassis. All 01As (should be one 171A but tis what it is.)So in the intrest of keeping my other pre 29 rigs running I pulled a 45 from one of my set aside projects and tried it in my bk stuff. The TNT is was a 45 so it is already so equipped. The hartley loved it. However the TGTP was not real happy on a 45 so I will score another 01A for it. Probably I will buy a 171A for the audio second stage of the new station and pop the OIA back in the TGTP. I must say though at around 300 volts an 01A give up little if anything to a 45 in output. (I measured roughly when trying the new tube)They are a very underrated robust lil tube. Somewhere you gotta know someone has one at 1000 volts in a ventilated base with a blower and a chimney(although leather bellows would be period correct.)
don

10729. Re: [AWA Group] Old TRF to ham station. Don & Bellows

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-15 15:40:16 UTC
From: Louis Vermond
Topic: 10729 Message: 10729
Attachments: 1 described; binary payloads are missing from this source WARC

Somewhere you gotta know someone has one at 1000 volts in a ventilated base with a blower and a chimney(although leather bellows would be period correct.)

period correct

10730. Re: [AWA Group] Old TRF to ham station. Don & Bellows

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-15 23:03:29 UTC
From: dulmagedon@...
Topic: 10729 Message: 10730

I have it working. I don't have my digital ma meter up here but over 20 mils at just above 220 volts key down (PA only) On a good nite should be enuf. Will be hard to find though. No chirp, no hum and no squawk. OSC can just be heard in a nearby rx but barely and it jumps to life when PA is keyed. A old style knife switch
DPDT handles transmit receive control. Killing osc power on receive and regen power on transmit. I elected a separate rx antenna. How it will perform I don't know. Time will tell.
don

10731. Re: [AWA Group] Old TRF to ham station. Don & Bellows

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-16 02:21:23 UTC
From: dulmagedon@...
Topic: 10729 Message: 10731

I'm smiling. Receiver works quite well. Works nicely in the 80M band. Will need some more control to venture beyond but why bother it covers 80m well with little trimming required. Was just listening to W1AW and picked up my grundig traveler just to see. Not much difference in my rx signal then its. Checked out the time signal. Tried some AMers no trouble reading the mail. Also SSB is ok . So It is a workable receiver good for decent signals. Also picks up the hum on this room which has always been bad. However some quick testing indicates a ground to earth may take it away. (Disappears if i put my hand on the metal face.) No sensitivity to hands which is nice. Tuning is sharp but with no reduction drive very quick so touchy. Some signals coul be copied with the Audio Pa off but thing really wake up when you pull that switch out. I am currently using a pair of Brandes 2000ohm even though output is clearly marked for a 1000 speaker. I have one in studio B but it has a phone jack plug so I will have to fab an adapter as I need it for other old radios. I am running 30 nine volt batteries. One is used for bias (C battery) 29 for power. But 7 for regen only and an additional 7 used to power the rest of the audio section. This is above the 90 volts speced but won't hurt anything and some of the batteries are used having spent a ear running my twinplex although still decent do have some sag. On keying an additional 13 are added to power the PA in the transmitter. I should get a box maker at the craft store and some of Lous burgess battery stripes and make a correct looking set of batteries. I can run the heaters about a hour or just under on a 6 volt gel cell stolen from a rechargable flashlight. (along with its recharger set up.) They are often on sale for $5 and I buy them and take the battery and charge circuit out of them. I am getting used to running it right now but hope to get QSO soon.
don

10732. Re: [AWA Group] Old TRF to ham station. Don & Bellows

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-16 02:52:57 UTC
From: Louis Vermond
Topic: 10729 Message: 10732

I can run the heaters about a hour or just under on a 6 volt gel cell stolen from a rechargable flashlight. Slick...

I am getting used to running it right now but hope to get QSO soon. Don, I'm available for a QSO any time tomorrow Friday. Lou

----- Original Message -----
From: dulmagedon@yahoo.ca [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-01-15 9:21 PM
Subject: Re: [AWA Group] Old TRF to ham station. Don & Bellows

I'm smiling. Receiver works quite well. Works nicely in the 80M band. Will need some more control to venture beyond but why bother it covers 80m well with little trimming required. Was just listening to W1AW and picked up my grundig traveler just to see. Not much difference in my rx signal then its. Checked out the time signal. Tried some AMers no trouble reading the mail. Also SSB is ok . So It is a workable receiver good for decent signals. Also picks up the hum on this room which has always been bad. However some quick testing indicates a ground to earth may take it away. (Disappears if i put my hand on the metal face.) No sensitivity to hands which is nice. Tuning is sharp but with no reduction drive very quick so touchy. Some signals coul be copied with the Audio Pa off but thing really wake up when you pull that switch out. I am currently using a pair of Brandes 2000ohm even though output is clearly marked for a 1000 speaker. I have one in studio B but it has a phone jack plug so I will have to fab an adapter as I need it for other old radios. I am running 30 nine volt batteries. One is used for bias (C battery) 29 for power. But 7 for regen only and an additional 7 used to power the rest of the audio section. This is above the 90 volts speced but won't hurt anything and some of the batteries are used having spent a ear running my twinplex although still decent do have some sag. On keying an additional 13 are added to power the PA in the transmitter. I should get a box maker at the craft store and some of Lous burgess battery stripes and make a correct looking set of batteries. I can run the heaters about a hour or just under on a 6 volt gel cell stolen from a rechargable flashlight. (along with its recharger set up.) They are often on sale for $5 and I buy them and take the battery and charge circuit out of them. I am getting used to running it right now but hope to get QSO soon.
don

10733. Re: [AWA Group] Old TRF to ham station. Don & Bellows

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-16 03:38:12 UTC
From: dulmagedon@...
Topic: 10729 Message: 10733

Ok Lou,
Gotta play fiddle in the morning at the old train station and get some groceries and lunch on the way home so I will give you a heads up when I get home. I ll check for CHU. if i can hear it we should be good to go. I am nervous.
don

10734. Re: [AWA Group] Old TRF to ham station. Don & Bellows

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-16 05:02:06 UTC
From: Louis Vermond
Topic: 10729 Message: 10734

I'll be here...

Ok Lou,
Gotta play fiddle in the morning at the old train station and get some groceries and lunch on the way home so I will give you a heads up when I get home. I ll check for CHU. if i can hear it we should be good to go. I am nervous.
don

10735. Re: [AWA Group] Old TRF to ham station. Don & Bellows

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-16 19:22:03 UTC
From: dulmagedon@...
Topic: 10729 Message: 10735

3560kcat 7PM? I can hear CHU right now but it is just above noise so I think it is too early . 7PM should be good I am thinking. I am tuned up and will do a A battery charge now. I don't have a lot of power . did further measurement and it is just under 20 mils so probably only 3.5 to 4 watts input. I'll send a series of VVVs and then ID. I am going to listen on the TS830S for now just so i don't miss you.
don

10736. Re: [AWA Group] Old TRF to ham station. Don & Friday nite SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-16 20:35:46 UTC
From: Louis Vermond
Topic: 10736 Message: 10736

Don OM,

How about 7:30PM? Eating a bit late tonight. Also, QRM-wise better down at 3615. Finally, pse forget the Vs and call me. I like hearing my call! I'll find you if u can be found.

OK? Lou

3560kcat 7PM? I can hear CHU right now but it is just above noise so I think it is too early . 7PM should be good I am thinking. I am tuned up and will do a A battery charge now. I don't have a lot of power . did further measurement and it is just under 20 mils so probably only 3.5 to 4 watts input. I'll send a series of VVVs and then ID. I am going to listen on the TS830S for now just so i don't miss you.
don

10737. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-16 20:53:23 UTC
From: Louis Vermond
Topic: 130 Message: 10737
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/QST-MAGAZINE-1929-Complete-Year-/331450497449?ssPageName=ADME:SS:SS:US:1120

10738. Re: [AWA Group] Old TRF to ham station. Don & Friday nite SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-16 22:00:26 UTC
From: dulmagedon@...
Topic: 10736 Message: 10738

Yes can do. No problem.
don

10739. Re: [AWA Group] Old TRF to ham station. Don & Friday nite SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-16 22:55:31 UTC
From: Louis Vermond
Topic: 10736 Message: 10739

QSL...

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-01-16 5:00 PM
Subject: Re: [AWA Group] Old TRF to ham station. Don & Friday nite SKED

Yes can do. No problem.
don

10740. Canadian history, Amateur Radio

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-17 01:25:36 UTC
From: Louis Vermond
Topic: 10740 Message: 10740

AMATEUR RADIO DEVELOPMENT
with
OFFICIAL LICENSE RECORDS
for
MARITIME PROVINCES
1911 - 1927

http://www.oldtimersclub.byethost31.com/Miscellaneous/Maritime_Radio_History_VE1WG.pdf

10741. CANADIAN MARCONI COMPANY

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-17 01:36:13 UTC
From: Louis Vermond
Topic: 10741 Message: 10741

CANADIAN MARCONI COMPANY

The purpose of this web page is to document radio equipment produced by the Canadian Marconi Company during its vacuum tube era.

http://www.jproc.ca/marconi/index.html

10742. 1920s Canadian call listing?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-17 01:46:31 UTC
From: Louis Vermond
Topic: 10742 Message: 10742

1920s Canadian call listing?

Can anyone lead me to this? I found a lot of other interesting stuff, but not this. Tks, Lou

10743. Re: [AWA Group] 1920s Canadian call listing?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-17 02:44:07 UTC
From: Eddy Swynar
Topic: 10742 Message: 10743

On 2015-01-16, at 8:46 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:

>
> 1920s Canadian call listing?
>
> Can anyone lead me to this? I found a lot of other interesting stuff, but not this. Tks, Lou

Hi Lou,

Try this link: http://www.kwarc.org/dbaccess/radio1923.html

You can search Hams in Canada by callsign, or city, etc. etc.---but the only drawback is that it refers to 1923 ONLY...

Interesting, just the same, though, IMHO...!

~73~ de Eddy VE3CUI - VE3XZ

10744. Re: CANADIAN MARCONI COMPANY

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-17 19:21:13 UTC
From: dulmagedon@...
Topic: 10741 Message: 10744
Attachments: 1 described; binary payloads are missing from this source WARC

When I was a pre driving teenager I bought a No 11 Wireless Set from radio centre in Chomedy. $4.99. It was made by Canadian Marconi Co. I bought a second one (made by PYE) and another for parts that had all the tubes. I had the dynoms and all. At first it dont work but mydad , an instructor at N01 Wireless School during WWII told my he wouldn't fix it (it was an Army radio, he was RCAF) BUT if it was a N01 19 set he would inspect and clean the multi thru switch with carbo tet , bend all the contacts slightly and retry. BINGO! Worked like a charm. Had it for several years. Here is a pic above of the unit without its dynoms Man how I wish I had it now!. There is one in the Communications Museum in kingston but I doubt I could pry it loose. Freq range? 80m and 40m.
don

10745. Wireles No. 19 Sets

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-18 18:19:26 UTC
From: Eddy Swynar
Topic: 10745 Message: 10745

Hi Guys,

No pecuniary interest in this whatsoever, but I think there are more than a few Hams around who are interested in this sorta stuff:

http://www.kijiji.ca/v-electronics/owen-sound/two-19-set-mkii-used-for-ham-radio-parts-or-restore/1039980085?enableSearchNavigationFlag=true

~73!~ de Eddy VE3CUI - VE3XZ

10746. Old QSTs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-18 18:32:08 UTC
From: Eddy Swynar
Topic: 10746 Message: 10746

Hi Guys,

Here's a GREAT source of old QST magazines with some VERY favourable prices, for those of you with gaps in your collections that might need filling, or replacing:

http://www.oldradioparts.com/pg3flc.txt

It's called "Playthings of Past," and I can vouch for the outfit, having dealt with the proprietor before.

~73~ de Eddy VE3CUI - VE3XZ

10747. Re: Wireles No. 19 Sets

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-18 22:09:59 UTC
From: dulmagedon@...
Topic: 10745 Message: 10747

That is tempting although the 19 is a pretty flimsy piece compared to a 11. I found an 11 for sale in Italy after you wet my appetite. It is missing a lot and the price was insane so I am holding my breath till the temptation for either passes. I have a complete ARC5 command station running (BC 454, T18 plus an operational 160 M TX as well) so perhaps i should be happy with that even though tis under the wrong flag for my VE call.
don

10748. Re: [AWA Group] Old QSTs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-18 22:57:58 UTC
From: Louis Vermond
Topic: 10746 Message: 10748

Rats, no QSTs -- '20 Feb. & Oct or '21 Oct.

10749. Rotary spark gap

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-19 13:17:51 UTC
From: Louis Vermond
Topic: 10749 Message: 10749

GM,

When did the rotary gap come in to amateur use? Thanks, Lou

10750. RE: [AWA Group] Rotary spark gap

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-19 13:25:34 UTC
From: barry whittemore
Topic: 10749 Message: 10750

Obviously around the turn of the century.

Sorry, i couldnt help myself.

Barry

NF1O

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Mon, 19 Jan 2015 08:17:51 -0500
Subject: [AWA Group] Rotary spark gap

GM,

When did the rotary gap come in to amateur use? Thanks, Lou

10751. Re: [AWA Group] Rotary spark gap

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-19 13:26:39 UTC
From: Roger Kuchera
Topic: 10749 Message: 10751

Hi Lou,
I missed you in the LC test. I recall reading somewhere that the original Wellfleet station on Cape Cod used a horizontally mounted rotary. It may not be the first, but it makes a good
starting point.

Roger.

On Monday, January 19, 2015 8:17 AM, "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

GM,

When did the rotary gap come in to amateur use? Thanks,
Lou

10752. Re: [AWA Group] Rotary spark gap

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-19 14:35:35 UTC
From: Louis Vermond
Topic: 10749 Message: 10752

Obviously around the turn of the century. Sorry, i couldnt help myself. Barry NF1O You can go now...

10753. Re: [AWA Group] Rotary spark gap

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-19 14:40:51 UTC
From: Louis Vermond
Topic: 10749 Message: 10753

I missed you in the LC test. With a rig project going on here am OT satiated. Much activity?

I recall reading somewhere that the original Wellfleet stationon Cape Cod used a horizontally mounted rotary. It may not be the first, but it makes a good starting point. It is, Roger, thank you...

10754. Re: [AWA Group] Rotary spark gap

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-19 15:00:30 UTC
From: Jon Delventhal
Topic: 10749 Message: 10754
Attachments: 1 described; binary payloads are missing from this source WARC

1911, according to this cartoon.
I do not think the cartoon is accurate, though, since it shows crystal control for 1925.
Everybody knows that amateurs didn't use crystal control until 1930.

From: "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup <AWAGroup@yahoogroups.com>
Sent: Monday, January 19, 2015 7:17 AM
Subject: [AWA Group] Rotary spark gap

GM, When did the rotary gap come in to amateur use? Thanks, Lou

10755. Wireles No. 19 Sets

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-19 15:09:29 UTC
From: Joe Cro
Topic: 10745 Message: 10755

Hello Ed,
Thanks for the posting about the available Wireless Set No.19. It needs it's cabling and such but looks otherwise pretty much complete, and it looks like it comes with a spare set if any parts are needed.

Sometime ago I came across a complete Wireless Set No. 19 MK. III made by Northern Electric in Canada dated 1944. It's complete down to it's dogbone cable and other cabling including the headset and carbon microphone combination and even the hard to find variometer. I had to go for it. It looks like its almost in new condition!

I checked it out as best as possible and applied power to it and unfortunately didn't get anything out of it. I still have it on my agenda to get operational and working in proper order. From what I understand they'll do 3 watts of grid modulated AM, and maybe 7-10W on CW.

If anyone reading this has any tips on how to get a Wireless Set No. 19 operational, or is currently rerstoring one I'd like to hear from you so we could compare notes. I can be reached at n3ibx@....

Thanks for reading this and hope to hear from one with some experience with one, or someone who is currently restoring one.

Mod-U-later,
Joe Cro N3IBX

10756. Re: [AWA Group] Rotary spark gap [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-19 15:15:52 UTC
From: Paul Christensen
Topic: 10749 Message: 10756

Nice find...

Crystal control, although not in widespread use until the early to mid-1930s, was certainly used and understood well before 1930 and the 1924 date is reasonable. Here’s the evidence:

Clayton, John M., 1DQ, "Crystal Control for Amateur Transmitters," QST, Nov. 1925
Shaw, H.S., "Oscillating Crystals," QST, Jul., 1924

Paul, W9AC

From: mailto:AWAGroup@yahoogroups.com
Sent: Monday, January 19, 2015 10:00 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Rotary spark gap [1 Attachment]

1911, according to this cartoon.

I do not think the cartoon is accurate, though, since it shows crystal control for 1925. Everybody knows that amateurs didn't use crystal control until 1930.

10757. RE: [AWA Group] Rotary spark gap [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-19 15:24:48 UTC
From: Mike Feher
Topic: 10749 Message: 10757

Crystal were indeed in use as early as 1925 by hams, although not by many. It is described in the 1926 first edition of the ARRL handbook, with circuits, and in even earlier QSTs.

Regarding rotary gaps use in a ham station, I would agree with the 1911, however, I do not believe too many hams used them then. I should and look through some of my early wireless catalogs from the teens and see when they first appeared for sale Of course a lot of hams just made their own.. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, January 19, 2015 10:01 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Rotary spark gap [1 Attachment]

1911, according to this cartoon.

I do not think the cartoon is accurate, though, since it shows crystal control for 1925. Everybody knows that amateurs didn't use crystal control until 1930.

From: "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup <AWAGroup@yahoogroups.com>
Sent: Monday, January 19, 2015 7:17 AM
Subject: [AWA Group] Rotary spark gap

GM,

When did the rotary gap come in to amateur use? Thanks, Lou

10758. Re: [AWA Group] Rotary spark gap [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-19 15:37:45 UTC
From: Paul Christensen
Topic: 10749 Message: 10758

Although the piezoelectric effect was known well before Pierce's work, I believe these papers set the stage for modern crystal control of transmitters:

Cady, W.G, The Piezoelectric Resonator," Proc. IRE, 1922., Vol. 10, p. 83,

Pierce, George W., "Piezoelectric Crystal Resonators and Crystal Oscillators Applied to the Precision Calibration of Wavemeters," Proceedings of the American Academy of Arts and Sciences 59 (4), Oct., 1923: pp. 81–106.

Paul, W9AC

From: mailto:AWAGroup@yahoogroups.com
Sent: Monday, January 19, 2015 10:00 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Rotary spark gap [1 Attachment]

1911, according to this cartoon.

I do not think the cartoon is accurate, though, since it shows crystal control for 1925. Everybody knows that amateurs didn't use crystal control until 1930.

From: "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup <AWAGroup@yahoogroups.com>
Sent: Monday, January 19, 2015 7:17 AM
Subject: [AWA Group] Rotary spark gap

GM,

When did the rotary gap come in to amateur use? Thanks, Lou

10759. Re: [AWA Group] Rotary spark gap

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-19 15:43:38 UTC
From: Jon Delventhal
Topic: 10749 Message: 10759

The sarcasm of my statement was lost on the internet.
Thanks for the info, however.
From: "'Paul Christensen' w9ac@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, January 19, 2015 9:37 AM
Subject: Re: [AWA Group] Rotary spark gap

Although the piezoelectric effect was known well before Pierce's work, I believe these papers set the stage for modern crystal control of transmitters: Cady, W.G, The Piezoelectric Resonator," Proc. IRE, 1922., Vol. 10, p. 83, Pierce, George W., "Piezoelectric Crystal Resonators and Crystal Oscillators Applied to the Precision Calibration of Wavemeters," Proceedings of the American Academy of Arts and Sciences 59 (4), Oct., 1923: pp. 81–106. Paul, W9AC

From: mailto:AWAGroup@yahoogroups.com Sent: Monday, January 19, 2015 10:00 AMTo: AWAGroup@yahoogroups.com Subject: Re: [AWA Group] Rotary spark gap [1 Attachment] 1911, according to this cartoon. I do not think the cartoon is accurate, though, since it shows crystal control for 1925. Everybody knows that amateurs didn't use crystal control until 1930.
From: "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup <AWAGroup@yahoogroups.com>
Sent: Monday, January 19, 2015 7:17 AM
Subject: [AWA Group] Rotary spark gap
GM, When did the rotary gap come in to amateur use? Thanks, Lou

10760. RE: [AWA Group] Rotary spark gap

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-19 16:12:55 UTC
From: Mike Feher
Topic: 10749 Message: 10760

Sorry Jon – re-reading your post does make it obvious that you were saying that in jest. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, January 19, 2015 10:44 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Rotary spark gap

The sarcasm of my statement was lost on the internet.

Thanks for the info, however.

From: "'Paul Christensen' w9ac@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, January 19, 2015 9:37 AM
Subject: Re: [AWA Group] Rotary spark gap

Although the piezoelectric effect was known well before Pierce's work, I believe these papers set the stage for modern crystal control of transmitters:

Cady, W.G, The Piezoelectric Resonator," Proc. IRE, 1922., Vol. 10, p. 83,

Pierce, George W., "Piezoelectric Crystal Resonators and Crystal Oscillators Applied to the Precision Calibration of Wavemeters," Proceedings of the American Academy of Arts and Sciences 59 (4), Oct., 1923: pp. 81–106.

Paul, W9AC

From: mailto:AWAGroup@...m

Sent: Monday, January 19, 2015 10:00 AM

To: AWAGroup@yahoogroups.com

Subject: Re: [AWA Group] Rotary spark gap [1 Attachment]

1911, according to this cartoon.

I do not think the cartoon is accurate, though, since it shows crystal control for 1925. Everybody knows that amateurs didn't use crystal control until 1930.

From: "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup <AWAGroup@yahoogroups.com>
Sent: Monday, January 19, 2015 7:17 AM
Subject: [AWA Group] Rotary spark gap

GM,

When did the rotary gap come in to amateur use? Thanks, Lou

10761. Rotary spark gap es Kelley CC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-20 02:32:52 UTC
From: Louis Vermond
Topic: 10761 Message: 10761
Attachments: 4 described; binary payloads are missing from this source WARC

Everybody knows that amateurs didn't use crystal control until January 1, 1930.

At'a boy, Jon. If CC does worm its way in, The Party, as we know it, is doomed.

Kelley Party, 2014

Kelley Party, 2015

Kelley Party, 2016

10762. Re: [AWA Group] Rotary spark gap

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-20 04:14:03 UTC
From: Roger Kuchera
Topic: 10749 Message: 10762

Hi Lou,
Not that I heard. Very little E/W propagation, although I did hear a couple if weak zeros. Most of the 14 stations I worked were not AWA. It is a very frustrating test.

Roger.

On Monday, January 19, 2015 11:13 AM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Sorry Jon – re-reading your post does make it obvious that you were saying that in jest. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

From:AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, January 19, 2015 10:44 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Rotary spark gap

The sarcasm of my statement was lost on the internet.

Thanks for the info, however.

From:"'Paul Christensen' w9ac@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, January 19, 2015 9:37 AM
Subject: Re: [AWA Group] Rotary spark gap

Although the piezoelectric effect was known well before Pierce's work, I believe these papers set the stage for modern crystal control of transmitters:

Cady, W.G, The Piezoelectric Resonator," Proc. IRE, 1922., Vol. 10, p. 83,

Pierce, George W., "Piezoelectric Crystal Resonators and Crystal Oscillators Applied to the Precision Calibration of Wavemeters," Proceedings of the American Academy of Arts and Sciences 59 (4), Oct., 1923: pp. 81–106.

Paul, W9AC

From:mailto:AWAGroup@yahoogroups.com
Sent:Monday, January 19, 2015 10:00 AM
To:AWAGroup@yahoogroups.com

Subject:Re: [AWA Group] Rotary spark gap [1 Attachment]

1911, according to this cartoon.

I do not think the cartoon is accurate, though, since it shows crystal control for 1925. Everybody knows that amateurs didn't use crystal control until 1930.

From:"Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup <AWAGroup@yahoogroups.com>
Sent: Monday, January 19, 2015 7:17 AM
Subject: [AWA Group] Rotary spark gap

GM,

When did the rotary gap come in to amateur use? Thanks, Lou

10763. Old TRF conversion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-20 11:30:42 UTC
From: dulmagedon@...
Topic: 10763 Message: 10763

I have had it up and running now for a few days. Been calling CQ on or about 3555 + or-. Had a ham listen for me last night but he doesn't do CW so he wasn.t sure if it was me or not.Said it was a bit chirpy. so it probably was as I leave the osc running and key the PA. Anyway I have been unable to raise anyone even with my hartley in studio B so it isnt a great week for low power rigs. In fact sometimes I can't even hear CHU here. Activity I have heard has been very light. Usually this section of the band is very busy. Sometime I will make a contact then I can move on to the next adventure. Tried this morning just now but 80M is QUIET! Need good conditions for sure and they just aren't there right now.
don

10764. Re: Old TRF conversion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-20 19:01:46 UTC
From: dulmagedon@...
Topic: 10763 Message: 10764

Testing right now 3554 +or-
don
...-...-...-

10765. WB5KZO

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-21 01:19:16 UTC
From: Mike Feher
Topic: 10765 Message: 10765

Please welcome WB5KZO to the group. Maybe he will jump in and share his name. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

10766. Re: WB5KZO

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-21 02:21:14 UTC
From: wb5kzo@...
Topic: 10765 Message: 10766

Hello. Mike and the group! Looking forward to learning from the group to see if I can homebrew a transmitter from the 1920's. Thanks for letting me join. Live near Lake Tawakoni in Texas. If you know anyone in this area in the group i would like to meet them.

73
Harold Hall-wb5kzo

10767. Re: [AWA Group] Re: WB5KZO

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-21 13:14:55 UTC
From: Bill Stewart
Topic: 10765 Message: 10767

Welcome Harold,
This is the spot for 1920's TX/RX info. Keep us posted on your projects. We need a stn in Texas for the BK and other AWA events. Good luck ....
73 de Bill K4|JYS (NC)

----- Original Message -----

From: "wb5kzo@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, January 20, 2015 9:21:14 PM
Subject: [AWA Group] Re: WB5KZO

Hello. Mike and the group! Looking forward to learning from the group to see if I can homebrew a transmitter from the 1920's. Thanks for letting me join. Live near Lake Tawakoni in Texas. If you know anyone in this area in the group i would like to meet them.

73
Harold Hall-wb5kzo

10768. Re: [AWA Group] Re: WB5KZO

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-21 13:26:10 UTC
From: dulmagedon@...
Topic: 10765 Message: 10768

Welcome Harold,
Be careful. This stuff is addictive! Hope to hear you on air soon.
don

10769. Re: Old TRF conversion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-21 19:22:22 UTC
From: dulmagedon@...
Topic: 10763 Message: 10769
Attachments: 1 described; binary payloads are missing from this source WARC

I have been playing around on 40M with the old three dialer. It works up there too. I even had it doing some AM with my new adjustable modulator. Using a sniffer bulb I can now set the adjustment to the point where the mic will work without over coupling. Then unclip bulb and clip in the mic. However this rig really doesn't have enuf suds to be practical for AM . I just wanted to see if it was upwards modulating which is the definitive proof for proper adjustment with this method and it is. Anyway it all works but I would like some more stomp to be honest. I am only getting about 1 to 1.8 watts out depending on freq and I am not happy with that.
don

10770. Re: Old TRF conversion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-22 16:15:57 UTC
From: dulmagedon@...
Topic: 10763 Message: 10770

I have been working on the PA a bit and got it up to a decent level. Modulation is quite good as well. Currently tuned up on 3580 kcs and give it a shot when I am in this shack. It has enough it should be heard in favorable conditions. I have to remove it from the case once more for a small mod in one circuit but it has found a permanent spot on the desk behind my computer. Wish I had another one to do. I would do things a bit different and perhaps a #10tube in Tx PA. Still this one is a joy to play with. CW is good. You won't know its me (no HMMMMMMMMM) There goes my best worst title! Fun Project!
don

10771. EBAY Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-24 14:51:34 UTC
From: Louis Vermond
Topic: 10771 Message: 10771

http://www.ebay.com/itm/1933-QST-MAGAZINE-January-December-Full-Year-Free-Shipping-/131411050290?ssPageName=ADME:SS:SS:US:1120

10772. Livin my radio dream

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-25 03:13:49 UTC
From: dulmagedon@...
Topic: 10772 Message: 10772
Attachments: 1 described; binary payloads are missing from this source WARC

Hunched over the controls of the old radio, An old Signal Electrics MFg Co key in my fist and listening to the faint cw signal in between on a pair of original Brandes head phones in the dim light of a dull lamp I spent the evening living the dream. The converted radio works pretty good. I got a guest op today for about 20 minutes and had him send while I drove around with a portable to check field strength. Not bad. Similar to the Bare Essentials rig but not quite. There is a spot on the road I check them at. So far anything I can hear strong there gets out in good conditions. Band in this area has not been too hot the last few days however I give it a shot when I can and love throwing the old knife switch which switches the OSC off and the regen on. Listening to the slight microphonics of the regen tube as it bounces slightly in its spring suspended mounting as I bump the desk accidentally. Tis a lot of fun. Here in Studio A it is 1925 all over again. All I need now is a set of wire rimmed glasses. I just love this kinda stuff! Picture quality in this case captures the moment better then modern would. Period correct so to speak.
don

10773. Re: [AWA Group] Livin my radio dream [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-25 13:55:50 UTC
From: Louis Vermond
Topic: 10773 Message: 10773

Very FB, Don!

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-01-24 10:13 PM
Subject: [AWA Group] Livin my radio dream [1 Attachment]

Hunched over the controls of the old radio, An old Signal Electrics MFg Co key in my fist and listening to the faint cw signal in between on a pair of original Brandes head phones in the dim light of a dull lamp I spent the evening living the dream. The converted radio works pretty good. I got a guest op today for about 20 minutes and had him send while I drove around with a portable to check field strength. Not bad. Similar to the Bare Essentials rig but not quite. There is a spot on the road I check them at. So far anything I can hear strong there gets out in good conditions. Band in this area has not been too hot the last few days however I give it a shot when I can and love throwing the old knife switch which switches the OSC off and the regen on. Listening to the slight microphonics of the regen tube as it bounces slightly in its spring suspended mounting as I bump the desk accidentally. Tis a lot of fun. Here in Studio A it is 1925 all over again. All I need now is a set of wire rimmed glasses. I just love this kinda stuff! Picture quality in this case captures the moment better then modern would. Period correct so to speak.

don

10774. Canadian Call Signs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-25 17:58:12 UTC
From: Eddy Swynar
Topic: 10774 Message: 10774

Hi Guys,

This site might appeal more to the Canadian likes of Lou, or Don, in their efforts (maybe) to locate Hams who might be living near by to them:
http://apc-cap.ic.gc.ca/pls/apc_anon/query_amat_cs$.startup

It's an Industry Canada site that allows one to look for Hams in a specific city (by province), or by last name, or by actual call sign. I did a search of Amateurs here in my home town of Newcastle, & was surprised at how many Hams reside here...!

How come they're never on the air, though...?!

~73~ de Eddy VE3CUI - VE3XZ

10775. Re: Canadian Call Signs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-25 22:14:48 UTC
From: dulmagedon@...
Topic: 10774 Message: 10775

Thanks Eddy
I have discovered I live in a desert for vintage ham gear. Most common response is "TUBES????????!!!!!!" usually given by guys who couldn't built a fire much less a radio or device of any kind.There are some exceptions but both of them are never well on the same day.
don

10776. Re: [AWA Group] Canadian Call Signs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-25 22:23:41 UTC
From: N1BUG
Topic: 10774 Message: 10776

Hi Eddy,

It the situation there is anything like here, the vast majority are probably "shack on a belt" types only active on the local VHF or UHF repeater (if that). Not that I'm condemning it. I'm a repeater builder/owner and about to become instructor for a Technician (our lowest level license) class.

73,
Paul N1BUG

On 01/25/2015 12:58 PM, Eddy Swynar deswynar@... [AWAGroup] wrote:

Hi Guys,

This site might appeal more to the Canadian likes of Lou, or Don, in their efforts (maybe) to locate Hams who might be living near by to them:
http://apc-cap.ic.gc.ca/pls/apc_anon/query_amat_cs$.startup

It's an Industry Canada site that allows one to look for Hams in a specific city (by province), or by last name, or by actual call sign. I did a search of Amateurs here in my home town of Newcastle, & was surprised at how many Hams reside here...!

How come they're never on the air, though...?!

~73~ de Eddy VE3CUI - VE3XZ

10777. Re: [AWA Group] Canadian Call Signs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-26 01:19:01 UTC
From: Louis Vermond
Topic: 10774 Message: 10777
Attachments: 1 described; binary payloads are missing from this source WARC

I'm a repeater builder/owner and about to become instructor for a Technician (our lowest level license) class. Paul N1BUG

Wonder why Bugsy bothers with only one student and all...

10778. Re: [AWA Group] Canadian Call Signs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-26 02:37:39 UTC
From: dulmagedon@...
Topic: 10774 Message: 10778

If only there was a way to help the new breed understand the thrill of victory and the agony of defeat that comes from building and experimenting. In my other fields of endeavor it was the same. When into racing and having led the points race for much of the year I had a driver and partner ask "Why do you build instead of buy" I remember thinking "Huh????????" Now I keep an appliance here too. A Kenwood TS830S I bought new in 81 however it hasn't had a wiff of RF in months because the other stuff is so much fun. Is it a generational thing or a mindset? I don't really know.
don

10779. Re: [AWA Group] Canadian Call Signs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-26 02:42:33 UTC
From: Eddy Swynar
Topic: 10774 Message: 10779

On 2015-01-25, at 9:37 PM, dulmagedon@... [AWAGroup] wrote:

> If only there was a way to help the new breed understand the thrill of victory and the agony of defeat that comes from building and experimenting. In my other fields of endeavor it was the same. When into racing and having led the points race for much of the year I had a driver and partner ask "Why do you build instead of buy" I remember thinking "Huh????????" Now I keep an appliance here too. A Kenwood TS830S I bought new in 81 however it hasn't had a wiff of RF in months because the other stuff is so much fun. Is it a generational thing or a mindset? I don't really know.
> don
>
>

Hi Don,

What they don't know, they don't miss...

I grew up in an atmosphere where a lot of Ham radio peripherals / equipment were homebrewed---it was just "...the way it was," I guess.

But you know what...? I get more fun outta building & trouble-shooting my creations, than I get actually using them...!

Go figure.

~73~ de Eddy VE3CUI - VE3XZ

10780. Re: [AWA Group] Canadian Call Signs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-26 12:58:10 UTC
From: dulmagedon@...
Topic: 10774 Message: 10780

Oh I am with you there! Once it is up and running and Christened so to peak it becomes anti climatic and I am running around thinkng "NEXT?"
don

10781. Re: [AWA Group] Canadian Call Signs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-26 16:19:11 UTC
From: Larry Szendrei
Topic: 10774 Message: 10781

On 1/25/15 9:37 PM, dulmagedon@... [AWAGroup] wrote:
>
> If only there was a way to help the new breed understand the thrill of
> victory and the agony of defeat that comes from building and
> experimenting. In my other fields of endeavor it was the same. When
> into racing and having led the points race for much of the year I had
> a driver and partner ask "Why do you build instead of buy" I remember
> thinking "Huh????????" Now I keep an appliance here too. A Kenwood
> TS830S I bought new in 81 however it hasn't had a wiff of RF in months
> because the other stuff is so much fun. Is it a generational thing or
> a mindset? I don't really know.
> don
>
> _

I hear you, Don. My only "appliance" is a TS-440S I bought new in about 1986 or so. With rare exception the only thing it gets used for is tuning the antenna, and as source of a stable carrier to excite the big homebrew PDM AM rig. If I was into contesting or chasing DX it would get used more, but I'm not. On those occaisions when I get on SSB it's so much more fun to use the Central Electronics 20A (1953 phasing-type SSB exciter) which I've re-engineered into a 100W rig. (It's as much NE1S as it is Central Electronics at this point, much like all the other vintage commercially-manufactured ham gear at this QTH).

73,
-Larry/NE1S

10782. UTAH Speaker

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-26 16:25:55 UTC
From: dulmagedon@...
Topic: 10782 Message: 10782

I unplugged the Brandes earphones and reinstalled a set of pins on an old UTAH speaker I had gotten from my brother many years ago. He said it was out of a very old cabinet battery radio that predated the powered coil speaker sets. It always worked but isn't pretty having been designed to be hidden not displayed however it does work and always have. It appears to match this set well as I just plugged it in. Band is dead at the moment but what was there was heard. In Similar fashion to how I would hear it on the old phones. Probably because it matches the output impedance of this radio perfectly. 1000 ohms. I will see how it sounds tonight but leaning or hunching over the radio because of a short phone cord is apparently not good for one recovering from a fractured back. (So the XYL has informed me) I have another fancy speaker. A big reversed cone one. It doesn't work but I suppose anything that can be made can be fixed. Has an open winding or a faulty connection of some kind.
don

10783. Re: [AWA Group] Canadian Call Signs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-26 16:27:14 UTC
From: Larry Szendrei
Topic: 10774 Message: 10783

Wow, that's weird. The reply I had added below Don's post didn't come through on that last post of mine, although they were there in my copy of the message in my "Sent" folder. Here they are again:

I hear you, Don. My only "appliance" is a TS-440S I bought new in about 1986 or so. With rare exception the only thing it gets used for is tuning the antenna, and as source of a stable carrier to excite the big homebrew PDM AM rig. If I was into contesting or chasing DX it would get used more, but I'm not. On those occaisions when I get on SSB it's so much more fun to use the Central Electronics 20A (1953 phasing-type SSB exciter) which I've re-engineered into a 100W rig. (It's as much NE1S as it is Central Electronics at this point, much like all the other vintage commercially-manufactured ham gear at this QTH).

73,
-Larry/NE1S

On 1/26/15 11:19 AM, Larry Szendrei ne1s@... [AWAGroup] wrote:
>
> On 1/25/15 9:37 PM, dulmagedon@... [AWAGroup] wrote:
>>
>> If only there was a way to help the new breed understand the thrill
>> of victory and the agony of defeat that comes from building and
>> experimenting. In my other fields of endeavor it was the same. When
>> into racing and having led the points race for much of the year I had
>> a driver and partner ask "Why do you build instead of buy" I remember
>> thinking "Huh????????" Now I keep an appliance here too. A Kenwood
>> TS830S I bought new in 81 however it hasn't had a wiff of RF in
>> months because the other stuff is so much fun. Is it a generational
>> thing or a mindset? I don't really know.
>> don
>>
>

10784. Re: Canadian Call Signs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-26 16:34:54 UTC
From: dulmagedon@...
Topic: 10774 Message: 10784

I did install a Collins mechanical filter in my TS830S back then. My brother had a bunch NOS and I asked my Dad a former design engineer for Collins if it would work since it looked like it would fit. It was on the wrong side of the pass but he said with the adjustable notch I would probably still be able to wiggle over and use it. And he was right. Not perfect but usable. I have seen some Central El stuff. Neat looking. I guess I have my ARC5s and my DX60B although I look forward to the day when I can send it down the road. (The ARC5s are never leaving!) I love using stuff hand built when possible or severely modified as this Three dialer deal.Currently I am really enjoying it!
don

10785. Fwd: Bolinas Antenna Damage - MRHS Newsletter No. 50

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-26 18:32:15 UTC
From: Bill Stewart
Topic: 10785 Message: 10785

Good Afternoon all,
I am forwarding this MRHS Newsletter to the list in case some may be interested in reading about the antenna damage at KSM/K6KPH-Bolinas. As you may know this is a mostly volunteer/donation supported on-going project. If you can send along some monetary support to help in the antenna repairs, I'm sure it would be greatly appreciated. Also, note later in the Newsletter, that the MHRS has been granted use of 512khz. It is really a thrill to hear KSM transmitting again on their assigned coastal frequencies...some of which are down due to the antenna damage. Give 'em a listen and send in a report.

Thanks...73 de Bill K4JYS

----- Original Message -----

From: "Maritime Radio Historical Society" <info@radiomarine.org>
To: cwopr@...
Sent: Sunday, January 25, 2015 7:10:13 PM
Subject: Bolinas Antenna Damage - MRHS Newsletter No. 50

Having trouble viewing this email? Click here...

MRHS Newsletter No. 50

Dedicated to True Believers Worldwide

25 January 2015

Newsletter back issues HERE MRHS Web site HERE

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> Bolinas Antennas Suffer Heavy Damage in December Storm
Several transmitters off-air including MF

> MRHS Granted 512kc!
Transmitter Department working to meet construction deadline

> Frank Geisel Reports for February, March and April 1946
More of the incomparable FG style

> Mini-Night of Nights Report
It was a fun event

> Get Your Radiotelegraph License Endorsed at KSM
Sit the circuit at KSM and have your ticket endorsed as a commercial operator

> First MRHS Radiotelegraph Exam Scheduled
7 February 2015 in Point Reyes Station, CA

> Radiotelegraph License Exams in the Portland Area
Here's another COLEM ready and willing to administer the Radiotelegraph exam

> Matson Navigation Company Needs REOs!
Get paid to sail the world as a Radio Electronics Officer

> Job Opening at the MRHS
Get paid to help with the titanic MRHS inventory project

> Bolinas Antennas Suffer Heavy Damage in December Storm

During a severe storm on 12 December the antennas at the transmitter site in Bolinas suffered heavy damage. As a result several KSM and K6KPH transmitters are off the air until further notice. This includes transmitter A7, the 500kc/426kc transmitter

Here's a report on the damage by Transmitter Supervisor Steve Hawes

(EDZ = Extended Double Zepp antenna)

On Saturday morning, Bob V and I inspected the situation. Yes, the MF antenna was down.

Downed pole that held one end of the Marconi T MF antenna

From the paved road to Bldg 1, and standing in front of Bldg 42 (the tuning shack) we could see that the ant line was still attached to the West pole and ran through the brush, across the road and continued to the east. The line was no longer attached to the feed point of the pole by bldg 42 The line is about 3 feet off the road surface where it crosses and had been marked with yellow safety tape. We returned to the building and proceeded to bring up all transmitters.

Problems were noticed as follows:

Tx A1 3550kc Very high reflected power.

Tx B3 8438.3 High reflected power

PW-15 12B 12993 high reflected power

Tx D4 21050 had high reflected power

A couple other transmitters had marginally high reflected power.

Around 1300 we went into the South antenna field to check the situation. We did not observe any twisted transmission lines, but saw the following:

The 4216 EDZ antenna, used on Tx A1 (3550) was down and draped over several feed lines in the South antenna trunk.

The antenna feed point was tangled up in the H-frame and there were broken wires.

We proceeded to cut the 4216 antenna line in several places (immediately adjacent to the insulators) so the wires could be pulled off the feedlines. Then I observed that the common support pole for the 4216 antenna and the MF antenna (this the the farthest West pole in the first row) was ON THE GROUND. The 4Mc and the 500kc antennas appeared to still be connected to the pole. We had to cut the steel support cable for the MF antenna so we could clear another set of feed lines. We did not have time to examine the pole.

The pole fell approximately to the North. Parts of the 4216 and are still up in the h-frame. Following the above work, all of the still operating transmitters had nominal reflected power. There are now 3 antennas down and out of service: The MF antenna is still connected to the feed wire, but most of the antenna is on the ground. We did not have time to pull it up off the road.

The feed wire is hooked over one of the climbing steps on the feed pole by the tuning house and it would probably be easy to pull enough of the ant wire down the pole and tie it off, to get the west ant section to clear the road.

The MF antenna appears (I think) to be intact, except for the support at the top of the feed pole (broken insulator?) and the steel support cable at the east end that we had to cut to clear feedlines. (Possible quick fixes-Re hang the West section from the tuning house pole to the West pole and have a temporary "Inverted-L", or find another pole in the general direction of the east pole to support the east end of the MF antenna. (until the fallen pole can be replaced or hell freezes over, whichever occurs first.)

The 4216 ant is down and in pieces. The 8247 EDZ had been down for some weeks. KSM is off the air on 426/500 CW and 8433 NBDP. K6KPH is off the air on 3550.

As you can see, we face a daunting task. And this does not include the antenna maintenance required at the receive site where, thankfully, the antennas survived the storm. Can you help with this giant task? Lots of True Believers have already contributed to the antenna repair and restoration fund, and for this we offer sincere thanks - but clearly we now have more work before us than ever before. If you can help just click on the button below to make a quick and easy donation.

Make a Donation

Thanks!

> MRHS Granted 512Kc!

We suppose there's some irony here with the Marconi T antenna on the ground, but the Federal Communications Commission has granted KSM, authorization to use 512kc.

Old timers and those familiar with maritime Morse communications will recognize 512kc as the frequency to be used when 500kc is occupied with distress communications. Part 80 of the FCC rules permits this frequency to be assigned to coast stations in the maritime mobile service.

The MRHS applied for this frequency as a sort of lifeboat channel.

We consider 500kc to be the most historic frequency in the radio spectrum - a sacred spot on the dial. 500kc was the center of marine communications for decades. Coast stations constructed elaborate antennas for 500kc. They used tens of kilowatts of power, their signals spanning the oceans on cold winter nights. Hundreds of well trained ears, ashore and afloat, monitored 500kc twenty-four hours a day. The mundane routine of maritime commerce was heard on 500kc - until those most electrifying three letters in radio, SOS, rose up out of the static, a plea for help from a mariner in distress upon the sea. Then all normal operation ceased as operators pressed the earphones close to gather in every word from the distressed vessel.

KSM still stands watch on 500kc. Our operators scrupulously observe the silent period twice an hour. It's a tradition going back to the early days of radio history. But there are forces at work that may eventually threaten 500kc. There's talk of an augmented NAVTEX system planned for the frequency. Others may have other ideas.

We plan to continue operation on 500kc as KSM and KPH always have. But if the day should ever come when the sacred frequency, and the memories of the men and women who used it in their hour of need, is sullied by the presence of another service, well, at least KSM will have a place to go to carry on the tradition and keep the faith with those who came before us.

We have to activate 512kc within 12 months of the grant. Even now the MRHS Transmitter and Maintenance departments are poring over blueprints and exercising their slide-rules to determine the best way to do this. It's not a matter a spinning a dial and tuning up on the new frequency. Even though the new frequency is only 12kc away from 500kc, that's a big percentage move. We're dealing with a new, high stability exciter frequency and tuned circuits in multiple stages - plus the antenna tuning unit in the tuning house at the base of the Marconi-T antenna.

KSM's transmitter A7 may be used on 512kc

One possibility is to use existing 5kW transmitter A7, a Henry MF5000D. Or we may restore another MF transmitter specifically for 512kc. We have two Harris 5kW MF transmitters from KFS, one of which is even now being restored to service. being restored. Either way, when we are ready to begin testing on the new frequency we'll let you know so you can monitor and provide us with signal reports.

> Frank Geisel's Report No. 2 - March 1946

In Newsletter No. 49 we presented Frank Geisel's KPH report for January 1946, soon after the station resumed operation after the war. This turned out to be a hit among True Believers who asked that we continue the feature. So... let's take a look at what FG had to say in his February, March and April 1946 reports.

In his report dated March 2, 1946 (for February) FG mentioned composite transmitters 78 & 79. We have the control panel for one of these, donated by Denice Stoops after it adorned her bedroom wall for decades! FG also archly complains that the Matson liner Monterey , a RCMA ship, has been giving her traffic to competitor KFS!

During March FG reported that the KPH 126kc transmitter B11 (apparently different from BL11) was returned to service (the 126kc authorization is still part of the KPH license) for paid press and traffic lists. Both the Western Union teletype circuit and the transmitter control cable failed. RCMA ships Mariposa and the "presumably reformed" Monterey continue to use KFS. FG took a week of sick leave.

In April FG reported that ex-KHK 2kW transmitter was placed in service but it proved problematic. Ships "in the Orient" reported interference to the KPH 8420kc signal from an unknown teleprinter transmitter and parasitics from NPO. Matson liners Mariposa and Monterey , RCMA controlled ships, continue to use station KFS of arch rival MacKay Radio, costing "hundreds of dollars" in lost revenue. Western Union is routing KPH messages to KSE (RCMA station in Southern California) which then must relay them to KPH. KPH had lots of traffic for government MST ships but they were not contacting KPH to get it. FG asked KFS operators (!) to tell these ships that KPH was holding traffic for them but "cooperation in

this respect depends on the operator on watch". We'll bet!

> Mini Night of Nights Report

As announced in Newsletter No. 49 , at the end of October 2014 the MRHS participated in a MF-oriented "Mini Night-of-Nights" event in cooperation with Dr. Fritz Raab. Here's a report on the evening from Roy Henrichs of the MRHS Operations Department:

I can provide details of our MF activities for that day, as I was the commercial operator on watch. Activities are documented in KSM logs, which are maintained at the station - I do not have those here at home, but do have my notes from the evening.

KSM followed our standard published operating schedule until normal station close (0100Z). From that time until final close (I do not have actual time here), we provided continuous press and NOAA weather broadcasts throughout the evening. These were announced on 500 kc (CQ) immediately before beginning of each broadcast, with PX/WX broadcasts taking place on 426 kc.

KSM maintains a continuous efficient watch on 500 kc at all times of operation. However, no experimental station transmissions were heard on 500 at any point during the evening. We did, however, delay one of our 500 kc CQ's due to likely infringement of ISP. QRX notice (wait) was sent on 426 at conclusion of the prior PX/WX broadcast, with reference to ISP, for benefit of our listeners.
We at MRHS regard 500 kc with a geat deal of reverence, in respect of its historic use - and are pleased to report that experimental stations appear to have treated that frequency with the respect that we believe it deserves. We continue to encourage use of 500 kc in its historic context as a distress and calling frequency, including observation of the historic international silent period (ISP) - and trust that experimental stations will continue to follow our lead in that matter.

With 500 kc apparently silent, I spent much of the evening tuning the band for experimental stations. 500 kc warch continued during this period (dual receivers used).

At approximately 0303Z, I heard WG2XSV (Vancouver, WA) on approximately 474 kc, QSA2 QRK3. I also heard WD2XSH/20 at the same time on the same frequency, QSA5 QRK5. Sent email to both ops, and received responses from them at our radiomarine.org address.

I also took the initiative to provide reception reports for these stations on 500 kc CW at the beginning of one of our PX/WX broadcast CQ's, with statement that we would follow up by email. This in recognition of the experimental MF station effort and our participation in same by listening for these stations.

Our listening efforts were somewhat limited by our own 5KW signal (from less than 20 miles away) hitting our receivers hard. Also, I heard what appeared to be weak birdies at various points in the MF band. Whether these actually were loe power experimental stations engaging in digital communicatons is unknown. Or, perhaps real birdies from local BC stations hitting our receivers - as we do not routinely listen to frequencies other than 500 and 425 kc.

I do recall an email comment from one of the stations I heard mentioning that he had not been listening closely for our broadcasts - probably was more focused on hearing/working other experimental stations. No problem, fully understood: makes sense! Please do not regard this as a complaint - I am just reporting a comment from one of the stations we heard.

I can tell you with 100% certainty that our operators really enjoyed working this special event. It was a very unique, extremely pleasant, and festive evening at KSM/K6KPH! And, we were pleased to work with your group to the extent that we could. Almost certainly would do this in future, if feasible.

> Get Your Radiotelegraph License Endorsed at KSM

As always, we offer holders of commercial radiotelegraph licenses the opportunity to sit the circuit at KSM and have their licenses endorsed as commercial operators. As holders of these licenses will be painfully aware, there is no longer a space on the back for a service endorsement. However the MRHS management has at great expense invested in an official MRHS endorsement stamp which will be applied to the rear of the license, the information filled in with a genuine mill typewriter and signed by the KSM Chief Operator. With this you will be suitable for employment at any US commercial Morse code coast station.

What's that? You say you don't have a commercial radiotelegraph license? Well, the MRHS is ready to help you out in that department as well. Check out the article below.

> Radiotelegraph License Exams Available Through MRHS
First exam scheduled for 7 February

Here's the information from Roy B. Henrichs:

In Newsletter No. 49 , I reported that MRHS would soon begin administering FCC Radiotelegraph operators license examinations, as we had entered into an agreement with the W5YI Group to do so - and, at the time of publication, were awaiting receipt of credentials and license examination materials from the W5YI Commercial License Examination Manager (COLEM).

I am pleased to report that all required materials and credentials now are on hand - and that we now can schedule the first examination session. Since the holiday season is in full swing, and because examinees will need reasonable time to prepare for the exam, we have scheduled our first examination session for 10:00 AM, Saturday, February 7th, 2015, at the Point Reyes Fire Station, 4th and B Streets, Point Reyes Station, CA.

True Believers who intend to take the exam on that date should contact Roy Henrichs via email: wb6ovv@arrl.net in advance, so that we can prepare for your arrival. While advance notification is preferred, we can handle you on relatively short notice - but do need to know your plans because we will need to print your examination before the day of the exam.

If, for some reason, that date does not work for you - please be advised that we plan to offer examination sessions on roughly a quarterly basis. And, possibly more often if there is sufficient demand.

Newsletter No. 49 outlines the examination process and provides basic information concerning the exam. Please note that examination fees for the elements you plan to take must be paid at the time of the examination, by money order or certified check payable to the Maritime Radio Historical Society - or in cash. Please do not send fees in advance; that keeps things simple for all of us, should last minute circumstances prevent you from attending.

The original plan still holds: pass your examination in the morning, and get a Proof of Passing Certificate (PPC). You immediately get full bragging rights for passing this

penultimate examination - and, then can come out to the station, tour the facilities, and sit the commercial circuit for the first time that afternoon! File your PPC with the FCC on the specified form (which we will provide), and get your permanent license from the FCC by mail.

It simply doesn't get any better than that.

So, the next step is up to you. Let me know if you have any questions . . . and, we look forward to having you on board soon!

73,
Roy Henrichs

> Radiotelegraph License Exams in the Portland Area

OM Bass wrote with this information for those in the Pacific Northwest:

I am an FCC examiner (with National Radio Examiners) and I administer the FCC exams. If any of your members live in the Portland, Oregon Area I can administer the FCC examinations.

I live just six miles south of Portland in Milwaukie, OR. My phone number is 503-860-3777.

I do the exams on a request basis. Individuals can call and set up an appointment anytime during the week day.

The Radiotelegraph Operator License is a lifetime license and requires written exam of FCC elements 1 and 6, and telegraphy elements 1 and 2. Telegraphy exam element 1 consists of copying code at 16 words per minute (Five letter/number code groups) and element 2 consists of 20 words per minute, Plain language.

The cost is $125.00 for FCC Elements 1 and 6 and Code elements 1 and 2.

It should be noted that the radio telegraph license is not usable for repairing or servicing the new GMDSS (Global Maritime Distress and Safety system) radio equipment. It requires a FCC GMDSS Maintainer License. Operating the radios requires a GMDSS Radio Operators license.

Added information.

I was a Radio officer serving on Military Sea Transportation Service in the early 50's and served using CW. I do recall working a Russian station in the sea just off Alaska. As a young and "smart" radio officer I had the speed key out and decided to pass some traffic his way. He returned my "call up" so fast it sounded like a single tone. I sent a QRS (send slower) and put away the speed key for the rest of the voyage. Some people never learn!!!

In the early 90"s I was working as a Electronics/Radio officer for the Military Sealift Command (the new MSTS) and most traffic was sent via satelite. That was the day that the equipment malfunctioned and we needed to pass traffic to the Navy department re the equipment failure. So as we were in the Med a call to Radio Casablanca was in order via CW. BUT there was no hand key for the equipment. The Engineering department of the ship built a key from a few screws and part of a hack saw blade. The message was sent and I still have the "Key." You never know when CW will be needed.

Maybe more later as this old mind recalls some of the unusual conditions on board the "Code" ships!

73

Richard (Dick) Bass, W7SMR

3836 SE Monroe St

Milwaukie, OR 97222

503-869-3777

> Matson Navigation Company Needs REOs!

Yes, we hear it all the time: "What good is the radiotelegraph license? Nobody's hiring radio officers anymore!" Ah, but that's where you are wrong my friend. Radio Electronic Officers are in demand at Matson Navigation Company - and possession of a commercial radiotelegraph license is one of the requirements! Copy this from the current REO aboard Manulani:

MANULANI REO

Jan 11, 2015

We are currently short of R/O's due to picking up Jobs on the Watson Class MSC ships.

The Matson ships require the R/O endorsement On your USCG papers, along with several computer certifications Network+ A+ and Security+ or their Microsoft equivalent, evidence of Electronics training and Radar endorsement/experience are also required.

The Watson Class ships also require a Windows Server Admin cert and security clearance. The best part is 26 days paid vacation for 30 worked. If you have any interest or know anyone who might contact our Secretary treasurer Mr. Cliff Walker. It's mostly a computer/electronic tech job today, with about an hour a day for GMDSS tests.

V. Cliff Walker

American Radio Association
Secretary - Treasurer
1600 Rabke Rd.
Canton, GA 30114
walker@araunion.org
770.592.3232 Office
678.522.7363 Cell

If you apply please keep us informed on your progress! And if you can figure out where to connect a key to the GMDSS console you can use KSM to send your traffic!

> Job Opening at the MRHS

We need to be clear about this - we're all still volunteers when it comes to the restoration, maintenance and operation of KSM and all the other MRHS projects you have been reading about. However the Point Reyes National Seashore has initiated a multi-year project to conduct a complete inventory of all the equipment and artifacts at both the transmit and receive sites - a titanic job as you can imagine. They have actually provided a budget for this project and part of that budget is earmarked to pay personnel.

Job title: Collections Inventory Assistant
Location: KPH/KSM receive site, Point Reyes, CA
Hours: 20-30 hours a week, M-F
Pay: $10/hour

Interested? Great! You'll get to hang out at a beautiful location, work with great folks conducting an inventory of classic radio equipment - and get paid! Just click HERE for full information and the job description.

> MRHS Merchandise

Support the MRHS and look cool at the same time. Such a deal! We've got hats, mugs, T shirts, belt buckles and bumper stickers, all with variations of the MRHS logo. Get a hat and mug for yourself and a put yourself in solid with the XYL by getting her a MRHS hoodie.

Plus you'll want to be looking sharp when you visit us on Night of Nights. No better way to do that than to be rocking some MRHS swag.

Click on the images to go to the True Believers Store

Just click on the images above to go to the MRHS True Believers store and browse our offerings. Thanks!

We hope to meet you on the air or in person at KSM. Until then we wish you the best of luck and fair winds & following seas.

73,

MRHS

Forward this email

This email was sent to cwopr@... by info@... |
Update Profile/Email Address | Rapid removal with SafeUnsubscribe ™ | Privacy Policy .

Maritime Radio Historical Society | PO Box 392 | Point Reyes Station | California | 94956

10786. Re: Fwd: Bolinas Antenna Damage - MRHS Newsletter No. 50

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-26 23:37:32 UTC
From: dulmagedon@...
Topic: 10785 Message: 10786

I found this very interesting. I knew nothing of this. I have been tempted to explore some LF stuff. I have two radios capable of listening right now. Thanks.
don

10787. Re: [AWA Group] Re: Fwd: Bolinas Antenna Damage - MRHS Newsletter No. 50

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-27 00:47:58 UTC
From: Bill Stewart
Topic: 10785 Message: 10787

Don,
There is some experimental activity on the LF freqs. I think Steve, VE7SL is involved with some of it. Also, the KSM 512kc activity has not started yet, but hopefully they can get it going soon. I think I read that they have a xmtr, but may have to do some antenna work I expect the recent antenna damage may slow things down a bit. The FCC grant for 512kc is good for a year.When all systems are working, KSM/KPH runs broadcasts, tfc lists, press, etc, just as they did before maritime cw was shut down. They also guard 500kc. They also activate K6KPH on several ham bands. They usually come up on their assigned maritime freqs on Saturdays for several hours. Check the web site for freqs and times. Also, the MRHS web site is very interesting.
73 de Bill K4JYS

----- Original Message -----

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, January 26, 2015 6:37:32 PM
Subject: [AWA Group] Re: Fwd: Bolinas Antenna Damage - MRHS Newsletter No. 50

I found this very interesting. I knew nothing of this. I have been tempted to explore some LF stuff. I have two radios capable of listening right now. Thanks.
don

10788. Re: [AWA Group] Re: Fwd: Bolinas Antenna Damage - MRHS Newsletter No. 50

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-27 02:34:06 UTC
From: dulmagedon@...
Topic: 10785 Message: 10788

Thanks Bill, Yes I have been following VE7SLs exploits whenever it comes to mind. Coasts on PBS did a thing on VLF this weekend. As it relates to Sub communication. I need to build a VLF regen using a 455 kc IF coil perhaps. Should be some ancient tube too (27 perhaps or a 19) just to make it right. On my bucket list is a visit to SAQ should my spine fracture ever heal enough to travel again. Even an old three dialer TRF could crawl down there I think but one would need to make the detector regenerative for the BFO style function to properly copy CW.
don

10789. Re: UTAH Speaker

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-27 02:55:29 UTC
From: dulmagedon@...
Topic: 10782 Message: 10789

I am sitting here now listening to the lads on 3705 on my three dialer with the speaker. It really doesn't work that good on the set for shortwave but these lads are strong enough I can still hear them so it is back to the earphones after tonight and I just enjoy the moment for what it is. Someday I hope i find another one of these in not restorable condition a I would like to do it again but in a more serious vein. Next time I think I would just leave the cap and coil forms and tube sockets in place and clean the rest out and build from scratch more or less. The audio circuits though are ok as is.
don

10790. Re: [AWA Group] Re: Fwd: Bolinas Antenna Damage - MRHS Newsletter No. 50

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-27 04:00:23 UTC
From: Daniel Petersen
Topic: 10785 Message: 10790

Perhaps for the VLF regen a TV peaking coil rather than a 455 kc IF can would be in order?
73,
Dan - W7OIL

On Mon, Jan 26, 2015 at 6:34 PM, dulmagedon@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> Thanks Bill, Yes I have been following VE7SLs exploits whenever it comes
> to mind. Coasts on PBS did a thing on VLF this weekend. As it relates to
> Sub communication. I need to build a VLF regen using a 455 kc IF coil
> perhaps. Should be some ancient tube too (27 perhaps or a 19) just to make
> it right. On my bucket list is a visit to SAQ should my spine fracture ever
> heal enough to travel again. Even an old three dialer TRF could crawl down
> there I think but one would need to make the detector regenerative for the
> BFO style function to properly copy CW.
> don
>
>

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73,
Dan - W7OIL

10791. Re: [AWA Group] Re: Fwd: Bolinas Antenna Damage - MRHS Newsletter No. 50

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-28 00:16:39 UTC
From: dulmagedon@...
Topic: 10785 Message: 10791

Dan, I am not familiar with them. Could you elaborate and explain the advantage over an IF coil? I have a regen built sort of. A pair of 6v6s. I could rededicate it to VLF with a little effort I think. I hadn't thought of it before but it is all there including power supply. just would need a new tank coil and a bit of rubbing to get it working on VLF.
don

10792. Re: [AWA Group] Re: Fwd: Bolinas Antenna Damage - MRHS Newsletter No. 50

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-28 02:33:36 UTC
From: Daniel Petersen
Topic: 10785 Message: 10792
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Don:
When you speak of "VLF" I assume you are referring to the spectrum below 30 kilohertz? If that is the case a 455 kilohertz IF coil would not have anywhere near the inductance necessary to resonate at VLF. It would require a tuning capacitor in the *microfarad *range rather than the *picofarad* range of tuning capacitors. The inductor I am referring to is called a "peaking coil" which were used in older (CRTstyle) TV sets for the horizontal oscillator. Most were ~20 to 45 millihenries in value. I have included a photo of what one looks like. You might verify to me the tuning range you desire.
73,
Dan - W7OIL (1 image follows)

On Tue, Jan 27, 2015 at 4:16 PM, dulmagedon@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

> Dan, I am not familiar with them. Could you elaborate and explain the
> advantage over an IF coil? I have a regen built sort of. A pair of 6v6s. I
> could rededicate it to VLF with a little effort I think. I hadn't thought
> of it before but it is all there including power supply. just would need a
> new tank coil and a bit of rubbing to get it working on VLF.
> don

--

73,
Dan - W7OIL

10793. Re: [AWA Group] Re: Fwd: Bolinas Antenna Damage - MRHS Newsletter No. 50

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-28 03:05:42 UTC
From: Michael Bittner
Topic: 10785 Message: 10793
Attachments: 4 described; binary payloads are missing from this source WARC

If the attachments to this email make it through, they should give some idea of the types of coils and capacitors necessary to tune LF and VLF frequencies. Otherwise, refer to the article in Electronics World for Sep. 1961.
Mike, W6MAB
--
----- Original Message -----
From: Daniel Petersen dan.w7oil@... [AWAGroup]
To: awagroup
Sent: Tuesday, January 27, 2015 6:33 PM
Subject: Re: [AWA Group] Re: Fwd: Bolinas Antenna Damage - MRHS Newsletter No. 50

Hi Don:
When you speak of "VLF" I assume you are referring to the spectrum below 30 kilohertz? If that is the case a 455 kilohertz IF coil would not have anywhere near the inductance necessary to resonate at VLF. It would require a tuning capacitor in the microfarad range rather than the picofarad range of tuning capacitors. The inductor I am referring to is called a "peaking coil" which were used in older (CRTstyle) TV sets for the horizontal oscillator. Most were ~20 to 45 millihenries in value. I have included a photo of what one looks like. You might verify to me the tuning range you desire.
73,
Dan - W7OIL (1 image follows)

On Tue, Jan 27, 2015 at 4:16 PM, dulmagedon@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Dan, I am not familiar with them. Could you elaborate and explain the advantage over an IF coil? I have a regen built sort of. A pair of 6v6s. I could rededicate it to VLF with a little effort I think. I hadn't thought of it before but it is all there including power supply. just would need a new tank coil and a bit of rubbing to get it working on VLF.
don

--

73,
Dan - W7OIL

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

10794. Re: [AWA Group] Re: Fwd: Bolinas Antenna Damage - MRHS Newsletter No. 50

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-28 13:19:39 UTC
From: dulmagedon@...
Topic: 10785 Message: 10794

Thanks Dan, I guess I mispoke myself. My area of interest is probably 150 to 500 Kc approx. I guess I thought that since adding regen to a 455 Kc IF is often done That already had instructions available and getting the coil down to 150 should not be a huge problem with a bid of C padding. Also some IFs are Perm tuned which is an area I have explored quite a bit in regen building (Slugabsorb Regen design Solid state regen) and it changes the whole ball game often. All of the sudden a somewhat unruly radio settles down to a wonderful easy to run piece. I don't know what amount of activity there is on LF as guess I should call it. Still it is an area that has had me curious for years so I would like to explore it a bit. don

10795. EBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-28 13:57:18 UTC
From: Louis Vermond
Topic: 10795 Message: 10795

http://www.ebay.com/itm/very-old-miniature-LIVE-STEAM-ENGINE-1918-marine-steam-boat-VERTICAL-engines-/391036697949?ssPageName=ADME:B:FSEL:US:1123

Go ahead.. you've always wanted a steam engine.

10796. Handy pix and Xtal control

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-28 17:22:11 UTC
From: Roger Kuchera
Topic: 10796 Message: 10796

Gentlemen,
While researching an unrelated subject, I ran across 2 items of interest.
1. June, 1927, QST, page 18 - A Flexible Crystal Transmitter
2. August, 1938, QST, page 18 - picture of F.E. Handy

I thought the transmitter article might be of interest to BK adherents. The second item I recall someone looking for (?) early pix of Handy.

Roger/K1TG

10797. Handy pix and Xtal control

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-28 17:38:01 UTC
From: Louis Vermond
Topic: 10796 Message: 10797

The second item I recall someone looking for (?) early pix of Handy. That's been taken care of, Roger. Tks, Lou

Roger/K1TG

10798. LF station Regen 1st prt

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-28 19:22:14 UTC
From: dulmagedon@...
Topic: 10798 Message: 10798

I found an old 455 can and reworked the coil set to a regen style tickler and main tuning. I have it all back in the can now and will mount it tomorrow. Didn't know how big to make the tickler so I wound 30 turns.

don

10799. Test tonight

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-29 12:30:53 UTC
From: dulmagedon@...
Topic: 10799 Message: 10799

At 7.30PM EST tonight I am going to try and contact Lou with the three dialer. Feel free to listen in. I dont have a lot of power out. Just under 2 watts but my thought is the mopa will have a better CW note. Someday if I find another old chassis a bit rough I may do the tx section as a parallel tube TGTP just to see what happens when you push the power level.
.
don
I will be calling VE3AWA de VE3LYX

10800. Re: Fwd: Bolinas Antenna Damage - MRHS Newsletter No. 50

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-29 18:39:59 UTC
From: JAMES HANLON
Topic: 10785 Message: 10800

For a good receiver in the LF range consider a BC453 command set. It covers 190 to 550 kHz as I recall, has one RF and two IF stages, and good calibration and a slow tuning rate.

Jim Hanlon, W8KGI

Sent from my iPhone

10801. Re: [AWA Group] Test tonight

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-29 18:44:51 UTC
From: Louis Vermond
Topic: 10799 Message: 10801

At 7.30PM EST tonight on 3615...

I will be calling VE3AWA de VE3LYX QSL. CUL, Lou

At 7.30PM EST tonight I am going to try and contact Lou with the three dialer. Feel free to listen in. I dont have a lot of power out. Just under 2 watts but my thought is the mopa will have a better CW note. Someday if I find another old chassis a bit rough I may do the tx section as a parallel tube TGTP just to see what happens when you push the power level.
.
don
I will be calling VE3AWA de VE3LYX

10802. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-29 21:53:23 UTC
From: Louis Vermond
Topic: 130 Message: 10802

http://www.ebay.com/itm/Lot-4-Heavy-Duty-Electric-Soldering-Iron-150w-200w-Craftsman-Shop-Tool-Steampunk-/361106552955?pt=LH_DefaultDomain_0&hash=item5413a0b87b

10803. eBay Alert WOW

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-29 22:09:57 UTC
From: Louis Vermond
Topic: 10803 Message: 10803
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/STEINITE-MODELS-50-150-DETAILED-SCHEMATIC-DIAGRAM-W-COMPONENT-VALUE-S-/171655871903?pt=LH_DefaultDomain_0&hash=item27f77cbd9f

10804. eBay Alert These might u dwn to KSM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-29 22:20:26 UTC
From: Louis Vermond
Topic: 10804 Message: 10804

http://www.ebay.com/itm/BRANSTON-1920s-Plug-in-Coil-/181647486031?pt=LH_DefaultDomain_0&hash=item2a4b08ac4f

10805. Re: LF station Regen 1st prt

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-29 23:29:32 UTC
From: dulmagedon@...
Topic: 10798 Message: 10805

Now I did it! I poked away it this afternoon and have it all installed and wired. Need to check it over and find the 6v6 tubes again. This is the nervous time for me. What if it doesn't work? (:>?)
don

10806. Re: [AWA Group] Test tonight... ND

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-30 00:53:30 UTC
From: Louis Vermond
Topic: 10806 Message: 10806

Don,

I hrd a sig having OT all over it and thought that we would have an Historic Event tonight, but then nothing....

Dave, WA8DOF was on hand as well. Tks agn, Dave for the call with ur H.W. Band Master.

Another night, Don?

73, Lou

Oh yes, Don. While waiting for SKED time I put the carbon mic on the bench as a reminder.

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-01-29 7:30 AM
Subject: [AWA Group] Test tonight

At 7.30PM EST tonight I am going to try and contact Lou with the three dialer. Feel free to listen in. I dont have a lot of power out. Just under 2 watts but my thought is the mopa will have a better CW note. Someday if I find another old chassis a bit rough I may do the tx section as a parallel tube TGTP just to see what happens when you push the power level.
.
don
I will be calling VE3AWA de VE3LYX

10807. Re: [AWA Group] Test tonight... ND

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-30 01:16:12 UTC
From: Dave VanDenburg
Topic: 10806 Message: 10807

GE Lou
One of these nights we are going to hear that rascal! Was nice chatting with you. The Band Monster sounds like hell but I really like it.
I also heard Steve (VE7SL) calling Don. Steve was 569 here in Michigan. Very nice signal for that band at this time of the evening.
73 es CULDave

From: "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Thursday, January 29, 2015 7:53 PM
Subject: Re: [AWA Group] Test tonight... ND

☐Don, I hrd a sig having OT all over it and thought that we would have an Historic Event tonight, but then nothing.... Dave, WA8DOF was on hand as well. Tks agn, Dave for the call with ur H.W. Band Master. Another night, Don? 73, Lou Oh yes, Don. While waiting for SKED time I put the carbon mic on the bench as a reminder.
----- Original Message ----- From: dulmagedon@... [AWAGroup] To: AWAGroup@yahoogroups.com Sent: 2015-01-29 7:30 AM Subject: [AWA Group] Test tonight
At 7.30PM EST tonight I am going to try and contact Lou with the three dialer. Feel free to listen in. I dont have a lot of power out. Just under 2 watts but my thought is the mopa will have a better CW note. Someday if I find another old chassis a bit rough I may do the tx section as a parallel tube TGTP just to see what happens when you push the power level. .
don
I will be calling VE3AWA de VE3LYX

10808. Re: [AWA Group] Test tonight... ND

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-30 01:21:10 UTC
From: Steve
Topic: 10806 Message: 10808

I heard Lou in QSO with another station but couldn't get the calls during
their fade-downs and mistakenly assumed that it was Don, with chirp and all!
Guess it was you Dave...
Surprised me as well as the sun was still up here.

Steve / 73

>I also heard Steve (VE7SL) calling Don. Steve was 569 here in Michigan.
>Very nice signal for that band at this time of the evening.
73 es CULDave

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

10809. Re: [AWA Group] Test tonight

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-30 01:29:50 UTC
From: dulmagedon@...
Topic: 10799 Message: 10809

I heard, but the old three dialer didn't have enough suds to get back to Lou. Receiver is working good though. Found a very low value adjustable compression trimmer and it loved it once set. Anyway I have to figure out how to get more out of the PA.
don

10810. Re: [AWA Group] Test tonight... ND

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-30 01:35:50 UTC
From: dulmagedon@...
Topic: 10806 Message: 10810

OT? PSE explain.wobbling perhaps? I did have it quit on me early on but it came back. What happened I don't know.
don

10811. Re: [AWA Group] Test tonight... ND

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-30 02:41:57 UTC
From: dulmagedon@...
Topic: 10806 Message: 10811

OLD TIME?

10812. Re: [AWA Group] Test tonight... ND

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-30 02:47:51 UTC
From: dulmagedon@...
Topic: 10806 Message: 10812

I could copy Dave, In fact I thought he was coming back to my calling. He wasn't strong but certainly copyable.
I copied most of the qso. BTW This rig being on batteries should not have the big hum I usually have. It does have a wee chirp up front.
don

10813. Re: [AWA Group] Test tonight... ND

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-30 11:39:31 UTC
From: dulmagedon@...
Topic: 10806 Message: 10813

Here is what happened here. I started tuning up about 7.24 according to my computer clock. I made sure everything was good and sent a couple of calls then realized I was a bit early. I am on batteries so I dont want to burn out. At 7.30 I started. part way into my calling I could tell in the monitor the PA had quit keying. I have had that happen twice before and once I had a volt meter here and discovered my Pa 225 volts had vanshed then in a couple of minutes it returned and was OK. this time I wiggled everything including tuning to try and get it back going and in a minute (seemed like an hour here) it began keying again and it is possible I didn't get it back right on 3615. I did try twice at least to recheck the tune so you may have heard a sweep by a couple of times and it would be quick as I am direct tune with no gear reduction. Then I heard Dave and Lou answered him telling him he was looking for me. then some phone guys started up nearby and it became almost impossible to continue. Eventually it was over and so I clipped on my mic and tried to break into the phone deal . Not my day! Finally I switched it to receive. I now have the receiver working well enough on the speaker I am worried the sound will bother the XYL in the next room. later before bed I spent sometime playing with it and now I think I can operate it much better then I was even earlier. I had done some testing earlier in the afternoon with the XYL keying it and me at a bit of a distance with another Rx. It was really quite strong so I am disappointed not to have made it. The good news though is many of us were there , some on the air and we all had fun. That is not insignificant. I am going to work that 3615slot at that time till I am heard so if any are listening jump in or confirm.
As for my momentary loss of power I think and it is just a guess that when the batteries are warming up one of them opens up at a certain temp and then is later in a minute or so ok. Which one? DON'T KNOW. There are 30 nine volts clipped together for the PA B+and it only happens occasionally . So far three times
don

10814. Re: [AWA Group] Test tonight... ND

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-30 11:49:27 UTC
From: N1BUG
Topic: 10806 Message: 10814

I was listening last night. Don, I was going to record you so you could see what it sounds like at a distance. I heard Lou calling and heard some weaker, rapid swishing like someone with an old time rig trying to get it to land on frequency. Then heard some dashes or short key downs but no calling. After all this Dave called Lou and I heard their QSO before switching off here. Don't know if the swishing was Don but if it was, it was plenty loud enough. Oh by the way the swishing and dashes I heard did have a bit of chirp. It was weaker than Dave and higher in frequency than where he was when he called Lou (on the other hand he was drifting down during the QSO) so I tend to think it was another station that I heard.

73,
Paul

10815. Re: [AWA Group] Test tonight... ND

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-30 13:32:51 UTC
From: dulmagedon@...
Topic: 10806 Message: 10815

Thanks Paul.
I have a chirp at key down. It is noticeable. I recorded it on a receiver some distance away yesterday when testing with the XYL pressing the key. I sent it to you in case it sounded familiar. My big concern at the moment is is it getting out. Everything I have checked that I can says yes however till I am sure (verified)I am not content. What I will do after that I don't yet know. The Rx is working certainly to a practical level. I would like to know the TX is as well. I have a 171A coming but my experience has been so far that a 01A at good voltage can give even a 45 some competition so I don't expect a huge gain as it already handles the same voltage. I have though even since last night learned to operate it better so it makes the most of what it has.
don

10816. Re: [AWA Group] Test tonight... ND

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-30 14:21:44 UTC
From: Louis Vermond
Topic: 10806 Message: 10816

OLD TIME? Yes. The ultimate sig rpt frm VE3AWA...

10817. LF regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-30 15:12:00 UTC
From: dulmagedon@...
Topic: 10817 Message: 10817

Something is wrong. I finished rechecking and finding the tubes for the Lf regen. Plugged it in , found the cans and heard ZZF with a quick tune which is ????????? Some CW station of some kind. Kinda frightening when it works without coaching. I must have done something wrong! Need to quiet down the PS but it is usable.
I used a 445 kc IF can surgicaly removing the lower coil(side cutters) and using some of its wire to wind 30 turns around the form just above the top coil for a tickler. I left the compression trimmers as is, used the old wires as well. Somehow I got the phasing right the first time. Pure luck! Both tubes are beam pwr 6V6s and regen is screen controlled. The rest is from the junk box. the variable cap is one from a multigrid tube transmitter experiment and I had pulled out about 2/3its plates so I will order an original to get full range back. Anyway the dumb thing works!
don

10818. Re: LF regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-30 15:30:56 UTC
From: kk7uv@...
Topic: 10817 Message: 10818

ZZF sounds like a non-directional beacon Don, however ZZF is not on the beacon database. Does it have a long key-down after the ID? Are you sure it's not ZZR or ZFK? Those are both active beacons in Ontario on 317 and 335 khz respectively - still in the MF range though. More inductance will get you down below 300khz in the LF zone.

Steve

10819. Re: [AWA Group] LF regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-30 15:31:41 UTC
From: STEVE MCDONALD
Topic: 10817 Message: 10819

>Something is wrong. I finished rechecking and finding the tubes for the Lf regen. Plugged it in , found the cans and heard ZZF ...

Maybe ZZR Don? That's the beacon at Trenton, not too far from you I believe. It's on 317KHz running 50 watts.

Steve / VE7SL 73

10820. Re: [AWA Group] Test tonight... ND

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-30 16:06:20 UTC
From: Louis Vermond
Topic: 10806 Message: 10820

Don,

I had done some testing earlier in the afternoon with the XYL keying it and me at a bit of a distance with another Rx.
Here as well with the key well away form the HiV.

I am going to work that 3615slot at that time till I am heard so if any are listening jump in or confirm.
Don, Suggest that you move down to the 3565 area and just call 3-by-3 CQs. Would think that ur best bet for snagging a rpt.

73, Lou

10821. Re: LF regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-30 20:37:13 UTC
From: dulmagedon@...
Topic: 10817 Message: 10821

Could be . hard to copy CW when you have to P ;>)
Yes I can see Trenton beacon from my picture window. I was short of time and unprepared to hear a signal immediately.
don

10822. Re: [AWA Group] LF regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-30 20:40:50 UTC
From: dulmagedon@...
Topic: 10817 Message: 10822

Ok makes sense. I will check again. I was in a hurry. I still have about 1/3 rotor engagement left on the variable a that station. How low or what range should I have to enjoy it? I can sneak up into broadcast band just on the upper end.
don

10823. Re: [AWA Group] Test tonight... ND

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-30 20:42:45 UTC
From: dulmagedon@...
Topic: 10806 Message: 10823

I have no trouble with that. I like that slot anyway. That is where I went last night afterwards. don

10824. Re: [AWA Group] LF regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-30 22:52:19 UTC
From: dulmagedon@...
Topic: 10817 Message: 10824

Yup ZZR. The key down before and after throws me. _____ _ _ .. _ _ .. ._._____

Adjusted the range with the IF trimmer cap. Can get it to go way below ZZR probably mid to low 200kcs. Seems to be lots of stations. I always have broadcast interference here but it is just there and I will build a trap if it gets silly. My biggest trouble is PS hum .
Always a challenge for a regen and seemingly always a challenge for me.
Best one I ever built is on my 811A linear but it is a doubler. I may have to put the transformer and PS off board or switch the little beast to batteries. A regen can hear everything including the wiring in the wall.
don

10825. Wow, I could be rich!!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-31 00:30:59 UTC
From: K3PID
Topic: 10825 Message: 10825

This guy has several auctions going at this outlandish price! I guess he subscribes to the theory that if you price it high enough, someone will buy it...

http://www.ebay.com/itm/Western-Electric-and-RCA-tube-parts-capacitor-hoard-and-more-lot-16-/301502646552?pt=LH_DefaultDomain_0&hash=item4632f54918

and this:

http://www.ebay.com/itm/Western-Electric-tube-parts-hoard-and-more-lot-20/301502647293?_trksid=p2047675.c100005.m1851&_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D20131003132420%26meid%3Df33a469b123d4d3784632f8542497818%26pid%3D100005%26rk%3D1%26rkt%3D6%26sd%3D301502646552&rt=nc

At that rate my “junk box” is worth a fortune!!!

Ron K3PID

10826. Re: [AWA Group] Wow, I could be rich!!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-31 00:49:16 UTC
From: Steve
Topic: 10825 Message: 10826

Totally clueless

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10827. Re: [AWA Group] Wow, I could be rich!!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-31 02:47:49 UTC
From: Louis Vermond
Topic: 10825 Message: 10827

Worst I've seen...

----- Original Message -----
From: 'K3PID' ron.k3pid@... [AWAGroup]
To: AWA Group
Sent: 2015-01-30 7:30 PM
Subject: [AWA Group] Wow, I could be rich!!!

This guy has several auctions going at this outlandish price! I guess he subscribes to the theory that if you price it high enough, someone will buy it...

http://www.ebay.com/itm/Western-Electric-and-RCA-tube-parts-capacitor-hoard-and-more-lot-16-/301502646552?pt=LH_DefaultDomain_0&hash=item4632f54918

and this:

http://www.ebay.com/itm/Western-Electric-tube-parts-hoard-and-more-lot-20/301502647293?_trksid=p2047675.c100005.m1851&_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D20131003132420%26meid%3Df33a469b123d4d3784632f8542497818%26pid%3D100005%26rk%3D1%26rkt%3D6%26sd%3D301502646552&rt=nc

At that rate my “junk box” is worth a fortune!!!

Ron K3PID

10828. Re: [AWA Group] Wow, I could be rich!!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-31 03:11:18 UTC
From: Daniel Petersen
Topic: 10825 Message: 10828

Hey, his feedback is at 100% - probably because he's made no sales! What a mystery!!
8^)
Dan - W7OIL

On Fri, Jan 30, 2015 at 6:47 PM, Louis Vermond ldvermond@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> □
> Worst I've seen...
>
>
>
> ----- Original Message -----
> *From:* 'K3PID' ron.k3pid@... [AWAGroup]
> <ron.k3pid@...+[AWAGroup]>
> *To:* AWA Group <awagroup@yahoogroups.com>
> *Sent:* 2015-01-30 7:30 PM
> *Subject:* [AWA Group] Wow, I could be rich!!!
>
>
>
> This guy has several auctions going at this outlandish price! I guess he
> subscribes to the theory that if you price it high enough, someone will buy
> it...
>
>
> http://www.ebay.com/itm/Western-Electric-and-RCA-tube-parts-capacitor-hoard-and-more-lot-16-/301502646552?pt=LH_DefaultDomain_0&hash=item4632f54918
>
> and this:
>
>
> http://www.ebay.com/itm/Western-Electric-tube-parts-hoard-and-more-lot-20/301502647293?_trksid=p2047675.c100005.m1851&_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D20131003132420%26meid%3Df33a469b123d4d3784632f8542497818%26pid%3D100005%26rk%3D1%26rkt%3D6%26sd%3D301502646552&rt=nc
>
>
> At that rate my “junk box” is worth a fortune!!!
>
>
> Ron K3PID

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73,
Dan - W7OIL

10829. Re: [AWA Group] LF regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-31 12:56:41 UTC
From: dulmagedon@...
Topic: 10817 Message: 10829

I don't know what prop is like on LF but there seems to be some activity this morning. I am going to try and improve the PS hum situation. BTW Steve I have been enjoying your site. Your 29MOPA design is not far off what I started doing here with the old three dialers MOPA save I didnt use a choke in the Grid circuit and no voltage dividers on the kathodes (just high side connection) In the end I wound up fudging the circuit a lot to get it to work in the confines of the preconstructed TRF but had I not placed that restriction on the project that is pretty close to what I had in mind. Should work nicely.
don

10830. Re: [AWA Group] LF regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-31 18:00:50 UTC
From: dulmagedon@...
Topic: 10817 Message: 10830

Hum chasing is a very interesting past time. Normally iwould do all the things , the bypassing extra cap etc but I had already done that with this one to a large extent and had really made little progress. Where does the Hum come from I thought. hmmmmmmmmmmmm? My assumption was it was picked up by the detector and was amplified along with the signal. Tisnt so, at least in this case. I know because after shielding the gridleak, rechecking all the heater bypasses. Rechecking the Ps and realizing I had lots of C there and a reasonable circuit and adding more made little if any difference I disconnected the cap that feeds the signal from the regen detect tube to the audio tube. NO DIFFERENCE! So all the hum or at least a huge portion of it is being made in the audio stage and the regen detector and gridleak has little to do with it. Maybe I was pushing the Audio tube too hard. Sort of like when you turn up the volume full on a guitar amp you can always find some hum. I started inserting resistors into the plate (headphone) circuit in series and each time I increased the value the hum was reduced and yet the signal was still there and not noticeably weaker but noticeably easier to copy. I wound up with quite a bit in the circuit 390K to be exact and the radio still worked nicely. I tried playing with the screen resistor doubling the value but could not detect any improvement or loss. That either means it doeesn't matter or I am so far out of wack I need to make a huge adjustment. This is kinda of an off the cuff sort of build so there is no schematic to refer to exactly. I just used values I normally do with 7AC pinout Beam power tubes. I haven't got it perfect yet but it is a lot better , probably 200% better than it was. It was cool in the basement shack as we have sun and the solar devices were heating so no furnace running all morning and the basement cools down in this -4F weather after awhile. So I quit for the day although I did try changing values on cathode bypass cap to see if it affected hum. (nope) The Amp does not have a volume control and that would probably be wise. Also I calibrated the rig. Using the If cans original one winding and its built in ceramc compression trimmer I set top freq at 480kcs (covers all of 630M) and the bottom just on a fluke wound up at almost exactly 300kcs (300.1kc) I am quite happy with that. How do I know? With regen control over advanced I have a nice osc and my DX390 receiver does LF so tracking it was easy. A bit more improvement in hum reduction and it would be fine. Not perfect but certainly usable as is. Also my regen pot was an old NOS pull on off and pot combined so I rigged the supply to the to the AF tube grid through that switch to give me the abilty to kill signals to the AF section while leaving the heaters hot. That way if I get far enough along to build a TX for 630M I have a Rec standby function already installed.
Thanks Steve for the website which inspired me to give this LF stuff a shot. It is a lot of fun. Meanwhile back at the ranch here in studio A from 6pm to 10.30 Pm top and half the hour I will be calling CQ 3564.5. on the old three dialers. Volume on the rec is now so high on the old Utah 1000ohm speaker that I woke the XYL up last night . Not good!(for her ;>)
don

10831. Re: [AWA Group] Test tonight... ND

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-31 18:07:03 UTC
From: N1BUG
Topic: 10806 Message: 10831

Don, thanks for the recording you sent direct. Hard to know for sure because with my bad ears I have to listen at a much lower pitch but I think that is a similar sounding signal to what I heard the other night.

Paul

10832. Re: [AWA Group] LF regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-31 18:10:42 UTC
From: N1BUG
Topic: 10817 Message: 10832

6pm to 10.30 Pm top and half the hour I will be calling CQ 3564.5. on the old three dialers.

I'll probably be gone before 10:30 rolls around but I will listen for the first few attempts at least.

Paul

10833. Re: [AWA Group] LF regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-31 18:49:58 UTC
From: dulmagedon@...
Topic: 10817 Message: 10833

That is very kind of you. Here's hoping. 10.30 call I sometimes fall asleep sending so now I sign off "going QRT" with the mic clipped in in place of the sniffer lamp since we(VE) are allowed phone BUT I would only do that if others are not around and conditions quiet. . don

10834. Re: [AWA Group] LF regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-31 18:51:01 UTC
From: Ron Barlow
Topic: 10817 Message: 10834

Hi Don,
I likewise had hum problems, with my regen rx. I am using a 24A tube (a 1920s vintage tetrode), which is a double ended tube (grid cap on top). I added a grounded shield that shields the tube, the short grid lead, and the grid leak assembly. That eliminated nearly all of the hum.
An .01 disc ceramic cap, from the cathode to the anode(s) will help with the tuneable hum situation.
73 & GL de Ron n4gjv

On Fri, 1/30/15, dulmagedon@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] LF regen
To: AWAGroup@yahoogroups.com
Date: Friday, January 30, 2015, 5:52 PM

Yup ZZR. The key down before and after throws me.
_____ _ _ ·· _ _ ·· ·_·_____
Adjusted
the range with the IF trimmer cap. Can get it to go way
below ZZR
probably mid to low 200kcs. Seems to be lots of stations. I
always have
broadcast interference here but it is just there and I will
build a trap
if it gets silly. My biggest trouble is PS hum . Always a
challenge for
a regen and seemingly always a challenge for me.
Best one I ever
built is on my 811A linear but it is a doubler. I may have
to put the
transformer and PS off board or switch the little beast to
batteries. A
regen can hear everything including the wiring in the wall.

don

10835. Re: [AWA Group] LF regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-31 21:31:33 UTC
From: dulmagedon@...
Topic: 10817 Message: 10835

Thanks Ron, How did you build your PS ? Is it in board or away? I tried a tube sheild this morning and the gl is shielded in a grounded case. The radio works well but the hum is bugging me. I am tempted to rebuild my on board PS with not junk box parts. I think I am PS challenged.
don

10836. Parts swap

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-01-31 22:15:08 UTC
From: Roger Kuchera
Topic: 10836 Message: 10836

Gentlemen,
My latest project needs a vintage tank capacitor which I have been unable to find on eBay or the net. I would prefer the part specified, as follows:

National TMC-150, variable transmitting capacitor

In a pinch a Hammarlund MTC-150-B or -C or even the equivalent Cardwell. The plate voltage specified for the National is 3KV.

I have the following vintage variable capacitors for trade:

2 National Girder Frame, 15-350 uuF, SLW
1 National Girder Frame, 10-100 uuF, SLW
1 National DX, 500 uuF, SLF
1 National DX, 180 uuF, SLF
1 National DX, 150 uuF, SLF, double spaced
2 Freshman Masterpiece, 30-320 uuF, SLF

All are in good condition. For the National, I would be willing to part with several of the listed items. It should be in good condition with no arc-overs.

Thank you for your kind consideration.

CUL, Roger/K1TG

10837. de K1TG - Grounding

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-01 13:58:02 UTC
From: Roger Kuchera
Topic: 10837 Message: 10837

Gentlemen,
I have read of the use of Copper Sulphate (Blue Vitrol) being put in ground holes.
One should be forewarned that this has environmental effects, it is toxic and poisonous.
I'm not sure of it's corrosive effects.

Roger/K1TG

10838. Re: [AWA Group] LF regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-01 16:44:38 UTC
From: Ron Barlow
Topic: 10817 Message: 10838

Hi Don,
My PS is located on a seperate chassis.
I believe that I may have read that you are using a battery to light up the filaments?? If not, are you using a well filered DC filament supply?
73 de Ron

On Sat, 1/31/15, dulmagedon@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] LF regen
To: AWAGroup@yahoogroups.com
Date: Saturday, January 31, 2015, 4:31 PM

Thanks Ron, How did you build your PS ? Is it in
board or away? I tried a tube sheild this morning and the gl
is shielded in a grounded case. The radio works well but the
hum is bugging me. I am tempted to rebuild my on board PS
with not junk box parts. I think I am PS challenged.
don

10839. Re: [AWA Group] LF regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-01 16:49:07 UTC
From: N1BUG
Topic: 10817 Message: 10839

Don, I listened from 6 til 9 pm but never heard you. I heard WA8DOF give his call, a traffic net, some assorted QRM, noises, squawks, burps, bleeps etc. Once I heard some very rapid swishing, got all excited thinking it was you but didn't hear any more.

73,
Paul

On 01/31/2015 01:49 PM, dulmagedon@... [AWAGroup] wrote:

That is very kind of you. Here's hoping. 10.30 call I sometimes fall asleep sending so now I sign off "going QRT" with the mic clipped in in place of the sniffer lamp since we(VE) are allowed phone BUT I would only do that if others are not around and conditions quiet. . don

10840. AWA Amplitude Modulation QSO Party

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-01 18:48:02 UTC
From: Louis Vermond
Topic: 10840 Message: 10840

AWA Amplitude Modulation QSO Party
Please Note: The editor of the Journal has reported that the Winter issue with details for this contest will be late and will arrive after the event. Please pass the word on this and give any who wonder about the date time etc the information below which has not changed. Thank you, Tim Walker, W1GIG

http://www.antiquewireless.org/awa-amplitude-modulation-qso-party.html

10841. Re: [AWA Group] de K1TG - Grounding

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-01 18:50:21 UTC
From: Daniel Petersen
Topic: 10837 Message: 10841

Re: Grounding chemicals
Something that may be somewhat less damaging is Epsom salts.
73,
Dan - W7OIL

On Sun, Feb 1, 2015 at 5:58 AM, Roger Kuchera rwkuchera@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> Gentlemen,
> I have read of the use of Copper Sulphate (Blue Vitrol) being put in
> ground holes.
> One should be forewarned that this has environmental effects, it is toxic
> and poisonous.
> I'm not sure of it's corrosive effects.
>
> Roger/K1TG
>
>
>

--

73,
Dan - W7OIL

10842. Re: [AWA Group] LF regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-01 20:50:06 UTC
From: dulmagedon@...
Topic: 10817 Message: 10842

Ok, Thanks for the effort Paul.I think I simply don't have enough power to get some distance. Now the batteries are almost kaput so I am going to rest it for now. It functions but not to the point of using it at a distance. Tis funny. All my power osc (3) work tickity boo and all my mopas (3)are iffy. It should be the other way around! Anyway I dont feel like buying another 30 batteries for possibly the same result so I am going to shelve it for now. Thanks again for all the time you spent on my behalf.
don

10843. Re: [AWA Group] LF regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-01 21:02:38 UTC
From: Bill Stewart
Topic: 10817 Message: 10843

Don,
I haven't been following this thread, but did read this.
Don't forget that the Reverse Beacon Network might give you some
indication of your coverage. You may have some skimmers within
the range of your xmtr. After you have called CQ on CW, ck the RBN
for possible results. This is a vy good tool for xmtr testing.
http://www.reversebeacon.net/srch.php
GL...73 de Bill K4JYS

----- Original Message -----

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Sunday, February 1, 2015 3:50:06 PM
Subject: Re: [AWA Group] LF regen

Ok, Thanks for the effort Paul.I think I simply don't have enough power to get some distance. Now the batteries are almost kaput so I am going to rest it for now. It functions but not to the point of using it at a distance. Tis funny. All my power osc (3) work tickity boo and all my mopas (3)are iffy. It should be the other way around! Anyway I dont feel like buying another 30 batteries for possibly the same result so I am going to shelve it for now. Thanks again for all the time you spent on my behalf.
don

10844. Re: [AWA Group] LF regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-01 21:03:08 UTC
From: dulmagedon@...
Topic: 10817 Message: 10844

no Supply here means I built it so I have AC filaments on a 12 v transformer (seriesed) and rectified and tripple filtered HV (transformerless but keyed wall plug.) I know it wont be perfect but it is still a bit noisy. I was just playing with it now and tapped the one 40uf cap (input side) noise level of hum dropped signifcantly. When it came back I tapped it with a screwdriver again with same result so I obviously have a bummer in the stack. Normally I run all my regen on battery except the AM transceiver . It has the Powerhouse circuit in receive and is on AC heaters but not objectionable. It does not carry its transformer but steals its power from one of my homebuilt bench supplies. I will order some new caps and rebuild the PS however when I tapped it it got good enough I could live with it. In fact if I could turn down the volume (had a volume control) it would probably be just fine. I am looking forward to exploring the LF band. Did some listening today and it is definatley not dead.
don

10845. Re: [AWA Group] LF regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-01 21:33:25 UTC
From: dulmagedon@...
Topic: 10817 Message: 10845

I gave it a bunch Bill but it didnt show up. I am sort of in the middle of nowhere here. I am over 300miles from Paul and 180miles from Lou. I wonder if my 211 would fit under the hood of my three dialer?;>)
don

10846. Re: [AWA Group] de K1TG - Grounding

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-02 00:39:17 UTC
From: Louis Vermond
Topic: 10837 Message: 10846
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

10847. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-02 04:03:22 UTC
From: Louis Vermond
Topic: 130 Message: 10847

http://www.ebay.com/itm/Siemens-E310-Rainbow-shortwave-tube-receiver-HAM-valve-radio/251806263838?_trksid=p2047675.c100011.m1850&_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D28772%26meid%3D3dd83868c61141f49ab7d894a6ae559f%26pid%3D100011%26rk%3D5%26rkt%3D8%26sd%3D151568510371

10848. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-02 04:12:49 UTC
From: Mike Feher
Topic: 130 Message: 10848

Very nice, as is the Marconi he has. However, too heavy for me anymore. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, February 01, 2015 11:03 PM
To: AWAGroup
Subject: [AWA Group] eBay Alert

http://www.ebay.com/itm/
<http://www.ebay.com/itm/Siemens-E310-Rainbow-shortwave-tube-receiver-HAM-valve-radio/251806263838?_trksid=p2047675.c100011.m1850&_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D28772%26meid%3D3dd83868c61141f49ab7d894a6ae559f%26pid%3D100011%26rk%3D5%26rkt%3D8%26sd%3D151568510371>
Siemens-E310-Rainbow-shortwave-tube-receiver-HAM-valve-radio/251806263838?_trksid=p2047675.c100011.m1850&_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D28772%26meid%3D3dd83868c61141f49ab7d894a6ae559f%26pid%3D100011%26rk%3D5%26rkt%3D8%26sd%3D151568510371

10849. Re: [AWA Group] LF regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-02 14:39:37 UTC
From: dulmagedon@...
Topic: 10817 Message: 10849

I have never seen my call on rb ever even when running POWER. however I did give it a half hour of pounding brass to see. The other light bulb moment I had however dim it may seem was when I realized I did not hear any of the stations Paul mentioned hear so it could be simply conditions. The only station i heard was a KB3 faintly. I was listening on my Kenwood TS830Sand in CW Wide mode SO I said if I can't hear them and I am sure they are running probably 50 to 100w stations which would be a reasonable assumption it would be impossible for them to hear me with this little rig under such conditions. I also realize how fortunate we all were in the BK as the band (80M) was hot. I may test my battery pack over the next couple of days replacing any bum 9 volters and wait impatiently for a night of strong activity. Anyone who is closer to me toomight hve a better chance.
don

10850. Re: [AWA Group] AWA Amplitude Modulation QSO Party

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-02 14:51:34 UTC
From: Larry Szendrei
Topic: 10840 Message: 10850

I'll be operating using AWA's callsign W2AN from 6PM until at least 9PM
this Sat. evening where I can find a free spot between 1880 - 1900 KHz.
Drop in on AM and say hello.

73,
-Larry/NE1S

On 2/1/15 1:48 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
>
> AWA Amplitude Modulation QSO Party
>
> /*Please Note:The editor of the Journal has reported that the Winter
> issue with details for this contest will be late and will arrive after
> the event.Please pass the word on this and give any who wonder about
> the date time etc the information below which has not changed.Thank
> you, Tim Walker, W1GIG*/
>
> .
>
>

10851. LFRegen Hum killing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-02 17:58:43 UTC
From: dulmagedon@...
Topic: 10851 Message: 10851

I had a bad hum on this rx. It was annoying. I had tried all the tricks , bypassing grounding not grounding sheilding etc etc. I did get it down to usable but it was still too much to leave. This morning I clipped out the hv power supply section and rebuilt it Frank Sinatra style (my way) I have come to think PS especially with silicon rectifier(s) are too definate. (More on off then gentle rise and fall) Being a mechanic by profession I decided it needed some more springs. A bit of give here and there if you will. This is a transformerless (save for the heater 12v transformer) and is half wave. It has a keyed wall plug for safety. Now coming in the high side AC line feeds a 22ohm 5 watt wirewound resistor. That feeds the silicon diode. Other AC line is grounded to chassis. Next is the Pi network. No choke but a1 k 5 watt resistor between the input and output cap + ends. - ends grounded. from there a 500 ohm resistor feeds the RF choke supplying the regen section of the radio. The audio stage plate is fed through another 1 k resistor with a 40uf cap across it to ground. I was pleasantly surprised. No hum. You have to listen hard for it and the radio works nicely now. I like it. In case you might think it was just the caps they were in it before. The resistors (springs) are the basic difference. (Resistors are springs and caps are shocks here) Anyway tis now a joy to run.
don

10852. Re: LFRegen Hum killing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-02 18:01:44 UTC
From: dulmagedon@...
Topic: 10851 Message: 10852

I forgot to mention it has a 22Kohm Bleeder as well 10 watt (wirewound)
I will use this again as it is quiet!

10853. Re: [AWA Group] LFRegen Hum killing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-02 18:28:31 UTC
From: Steve Flood
Topic: 10851 Message: 10853

Yikes Don. Do you have a safety (earth) ground on the rig somewhere?

10854. Re: [AWA Group] LFRegen Hum killing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-02 19:59:51 UTC
From: Larry Szendrei
Topic: 10851 Message: 10854

On 2/2/15 12:58 PM, dulmagedon@... [AWAGroup] wrote:
>
> I had a bad hum on this rx. It was annoying. I had tried all the
> tricks , bypassing grounding not grounding sheilding etc etc. I did
> get it down to usable but it was still too much to leave. This morning
> I clipped out the hv power supply section and rebuilt it Frank Sinatra
> style (my way) I have come to think PS especially with silicon
> rectifier(s) are too definate. (More on off then gentle rise and fall)
> Being a mechanic by profession I decided it needed some more springs.
> A bit of give here and there if you will. This is a transformerless
> (save for the heater 12v transformer) and is half wave. It has a keyed
> wall plug for safety. Now coming in the high side AC line feeds a
> 22ohm 5 watt wirewound resistor. That feeds the silicon diode. Other
> AC line is grounded to chassis. Next is the Pi network. No choke but
> a1 k 5 watt resistor between the input and output cap + ends. - ends
> grounded. from there a 500 ohm resistor feeds the RF choke supplying
> the regen section of the radio. The audio stage plate is fed through
> another 1 k resistor with a 40uf cap across it to ground. I was
> pleasantly surprised. No hum. You have to listen hard for it and the
> radio works nicely now. I like it. In case you might think it was just
> the caps they were in it before. The resistors (springs) are the basic
> difference. (Resistors are springs and caps are shocks here) Anyway
> tis now a joy to run.
> don
>
>
Hi, Don,

Congrats on fixing the hum! Silicon diodes can definitely create hum in a regen because the switching transients can create harmonics all the way into the HF range. Another trick that usually works is to bypass each diode in the rectifier (be it half-wave, full-wave, bridge, voltage multiplier, or whatever) with a cap, usually a disk ceramic, say 0.005uF at 1KV.

You are definitely thinking right - you have essentially made an RC filter for RF generated by the diodes. Strictly speaking though, the mechanical analogue of the resistor is the shock absorber ("dashpot"), and the mechanical analog of a capacitor is the spring, not vice-versa. Also, for completeness, the mechanical analog of an inductor is mass. See, for example, page 2 of:

http://sites.fas.harvard.edu/~es145/notes/es145_lecture3.pdf

73,
-Larry/NE1S

10855. RE: [AWA Group] LFRegen Hum killing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-02 20:51:10 UTC
From: Mike Feher
Topic: 10851 Message: 10855

Hi Larry –

I really loved my undergrad course in Control Systems where we did all this stuff. Lots of differential equations and Laplace transforms J. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, February 02, 2015 3:00 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] LFRegen Hum killing

On 2/2/15 12:58 PM, dulmagedon@... [AWAGroup] wrote:

I had a bad hum on this rx. It was annoying. I had tried all the tricks , bypassing grounding not grounding sheilding etc etc. I did get it down to usable but it was still too much to leave. This morning I clipped out the hv power supply section and rebuilt it Frank Sinatra style (my way) I have come to think PS especially with silicon rectifier(s) are too definate. (More on off then gentle rise and fall) Being a mechanic by profession I decided it needed some more springs. A bit of give here and there if you will. This is a transformerless (save for the heater 12v transformer) and is half wave. It has a keyed wall plug for safety. Now coming in the high side AC line feeds a 22ohm 5 watt wirewound resistor. That feeds the silicon diode. Other AC line is grounded to chassis. Next is the Pi network. No choke but a1 k 5 watt resistor between the input and output cap + ends. - ends grounded. from there a 500 ohm resistor feeds the RF choke supplying the regen section of the radio. The audio stage plate is fed through another 1 k resistor with a 40uf cap across it to ground. I was pleasantly surprised. No hum. You have to listen hard for it and the radio works nicely now. I like it. In case you might think it was just the caps they were in it before. The resistors (springs) are the basic difference. (Resistors are springs and caps are shocks here) Anyway tis now a joy to run.
don

Hi, Don,

Congrats on fixing the hum! Silicon diodes can definitely create hum in a regen because the switching transients can create harmonics all the way into the HF range. Another trick that usually works is to bypass each diode in the rectifier (be it half-wave, full-wave, bridge, voltage multiplier, or whatever) with a cap, usually a disk ceramic, say 0.005uF at 1KV.

You are definitely thinking right - you have essentially made an RC filter for RF generated by the diodes. Strictly speaking though, the mechanical analogue of the resistor is the shock absorber ("dashpot"), and the mechanical analog of a capacitor is the spring, not

vice-versa. Also, for completeness, the mechanical analog of an inductor is mass. See, for example, page 2 of:

http://sites.fas.harvard.edu/~es145/notes/es145_lecture3.pdf

73,
-Larry/NE1S

10856. Re: [AWA Group] LFRegen Hum killing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-02 22:11:51 UTC
From: dulmagedon@...
Topic: 10851 Message: 10856

Of course! It says so right in my post. And I checked for ground currents as well something I learned to do when restoring 3 phase 600 volt machine shop equipment with unknown histories. (Made my own 3 phase in house BTW)Cannot get a shock. Keyed plug and GFI as well. I'll be honest I use a lot of these. It isn't rocket sceince to hook them up properly and I always double check.
don

10857. Re: [AWA Group] LFRegen Hum killing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-02 22:22:20 UTC
From: dulmagedon@...
Topic: 10851 Message: 10857

I dont agree with that but I guess it doesnt matter. The resistor allows the wiggle, the capacitor soaks up the peaks and fills the valleys.(smooths out the bumps) Anyway it works for me and the radio is dead quiet so I am happy.
don

10858. Re: [AWA Group] LFRegen Hum killing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-02 23:25:04 UTC
From: Larry Szendrei
Topic: 10851 Message: 10858

Yeah, Mike; I had it in a Linear Systems Analysis course when I started working on a MSEE, I never completed the MSEE - my wife had twins and that was the end of that! I liked the course. We all had to choose a project to model - mine was a piezoelectric quartz crystal!

73,
-Larry/NE1S

On 2/2/15 3:51 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Hi Larry –
>
> I really loved my undergrad course in Control Systems where we did all
> this stuff. Lots of differential equations and Laplace transforms J.
> 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Monday, February 02, 2015 3:00 PM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* Re: [AWA Group] LFRegen Hum killing
>
> On 2/2/15 12:58 PM, dulmagedon@... <mailto:dulmagedon@...>
> [AWAGroup] wrote:
>
> I had a bad hum on this rx. It was annoying. I had tried all the
> tricks , bypassing grounding not grounding sheilding etc etc. I
> did get it down to usable but it was still too much to leave. This
> morning I clipped out the hv power supply section and rebuilt it
> Frank Sinatra style (my way) I have come to think PS especially
> with silicon rectifier(s) are too definate. (More on off then
> gentle rise and fall) Being a mechanic by profession I decided it
> needed some more springs. A bit of give here and there if you
> will. This is a transformerless (save for the heater 12v
> transformer) and is half wave. It has a keyed wall plug for
> safety. Now coming in the high side AC line feeds a 22ohm 5 watt
> wirewound resistor. That feeds the silicon diode. Other AC line is
> grounded to chassis. Next is the Pi network. No choke but a1 k 5

> watt resistor between the input and output cap + ends. - ends
> grounded. from there a 500 ohm resistor feeds the RF choke
> supplying the regen section of the radio. The audio stage plate is
> fed through another 1 k resistor with a 40uf cap across it to
> ground. I was pleasantly surprised. No hum. You have to listen
> hard for it and the radio works nicely now. I like it. In case you
> might think it was just the caps they were in it before. The
> resistors (springs) are the basic difference. (Resistors are
> springs and caps are shocks here) Anyway tis now a joy to run.
> don
>
> Hi, Don,
>
> Congrats on fixing the hum! Silicon diodes can definitely create hum
> in a regen because the switching transients can create harmonics all
> the way into the HF range. Another trick that usually works is to
> bypass each diode in the rectifier (be it half-wave, full-wave,
> bridge, voltage multiplier, or whatever) with a cap, usually a disk
> ceramic, say 0.005uF at 1KV.
>
> You are definitely thinking right - you have essentially made an RC
> filter for RF generated by the diodes. Strictly speaking though, the
> mechanical analogue of the resistor is the shock absorber ("dashpot"),
> and the mechanical analog of a capacitor is the spring, not
> vice-versa. Also, for completeness, the mechanical analog of an
> inductor is mass. See, for example, page 2 of:
>
> http://sites.fas.harvard.edu/~es145/notes/es145_lecture3.pdf
> <http://sites.fas.harvard.edu/%7Ees145/notes/es145_lecture3.pdf>
>
> 73,
> -Larry/NE1S
>
>

10859. Re: [AWA Group] LFRegen Hum killing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-02 23:28:12 UTC
From: Larry Szendrei
Topic: 10851 Message: 10859

On 2/2/15 5:22 PM, dulmagedon@... [AWAGroup] wrote:
>
> I dont agree with that but I guess it doesnt matter. The resistor
> allows the wiggle, the capacitor soaks up the peaks and fills the
> valleys.(smooths out the bumps) Anyway it works for me and the radio
> is dead quiet so I am happy.
> don
>

Don,

Think of it this way - the shock absorber converts mechanical energy to heat, just as the resistor does with electrical energy. And the spring stores mechanical energy, as the capacitor stores electrical energy.

73,
-Larry/NE1S
> .
>
>

10860. Re: SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-03 00:08:38 UTC
From: Louis Vermond
Topic: 3099 Message: 10860

7:05PM

Don, 3690 +/- is very QRM. UIn fact that entire segment is busy. Again QSO on or about 3615 +/-. Have a chance there. QSL?

I think that is good Lou. Band is starting to open up. I just checked. Listen first just in case you can hear cause I try perhaps a minute or so early but then if you hear nothing call.
Here’s hoping! I have my tape recorder down there so;>)
don

10861. Re: [AWA Group] LFRegen Hum killing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-03 00:14:38 UTC
From: Larry Szendrei
Topic: 10851 Message: 10861

Darn, it happened again! My comments got stripped from my reply. I had written:

"Don,

Think of it this way - the shock absorber converts mechanical energy to heat, just as the resistor does with electrical energy. And the spring stores mechanical energy, as the capacitor stores electrical energy.

73,
-Larry/NE1S"

On 2/2/15 6:28 PM, Larry Szendrei ne1s@... [AWAGroup] wrote:
>
> On 2/2/15 5:22 PM, dulmagedon@... [AWAGroup] wrote:
>>
>> I dont agree with that but I guess it doesnt matter. The resistor
>> allows the wiggle, the capacitor soaks up the peaks and fills the
>> valleys.(smooths out the bumps) Anyway it works for me and the radio
>> is dead quiet so I am happy.
>> don
>>
> _
> .
>
>

10862. Lou's Adventure

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-03 02:26:18 UTC
From: dulmagedon@...
Topic: 10862 Message: 10862

Tonight on 3625kc VE3AWA made contact on AM phone with VE3LYX. Band conditions were terrible with a very high noise floor but despite that Lou was able to get through. I recorded it with my shack tape recorder and tried to rerecord it to this computer. It did not come through well. I should have just taken the computer down stairs and used it straight up. I was unable to return tonight but we will try again as Lou has heard me before. It will take a bit of adjustment to find the right spacing but the conversation was certainly understandable. It is amazing that with this method the signal could be heard and understood under such poor conditions. I don't know the power out but i assume his input is around 5 watts or less. I was listening on an HR10B and it is on a beverage. I told Lou if it was 1919 we would think it was perfect!
Congratulations on a job well done Lou! Or as WC Fields would have said, "Give the man a cigar!"

10863. Re: [AWA Group] Lou's Adventure

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-03 12:08:57 UTC
From: Larry Szendrei
Topic: 10862 Message: 10863

A few open questions to which I'd like to know the answer:

1. Was this a 2-way QSO?

2. What XMTR were you each running?

3. Loop modulation?

73,
-Larry/NE1S

On 2/2/15 9:26 PM, dulmagedon@... [AWAGroup] wrote:
>
>
> Tonight on 3625kc VE3AWA made contact on AM phone with VE3LYX. Band
> conditions were terrible with a very high noise floor but despite that
> Lou was able to get through. I recorded it with my shack tape
> recorder and tried to rerecord it to this computer. It did not come
> through well. I should have just taken the computer down stairs and
> used it straight up. I was unable to return tonight but we will try
> again as Lou has heard me before. It will take a bit of adjustment to
> find the right spacing but the conversation was certainly
> understandable. It is amazing that with this method the signal could
> be heard and understood under such poor conditions. I don't know the
> power out but i assume his input is around 5 watts or less. I was
> listening on an HR10B and it is on a beverage. I told Lou if it was
> 1919 we would think it was perfect!
> Congratulations on a job well done Lou! Or as WC Fields would have
> said, "Give the man a cigar!"
>
>
> .
>
>

10864. Lou's Adventure .. & Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-03 16:47:24 UTC
From: Louis Vermond
Topic: 10864 Message: 10864
Attachments: 1 described; binary payloads are missing from this source WARC

A few open questions to which I'd like to know the answer:

1. Was this a 2-way QSO? No. Here, bkgnd S-9+. Not a hope...

2. What XMTR were you each running? Don, Hartley. 3AWA, see below.

3. Loop modulation? A mix of kinds of as discussed here in some depth.

Larry, I have ur Sat. night AM Contest schedule. Will be calling you with only "AM" rig at my disposal.

73,
-Lou VE3AWA
Don has the same mic.

10865. Re: [AWA Group] Lou's Adventure .. & Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-03 22:25:36 UTC
From: Larry Szendrei
Topic: 10864 Message: 10865

On 2/3/15 11:47 AM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> □
>
> Larry, I have ur Sat. night AM Contest schedule. Will be calling you
> with only "AM" rig at my disposal.
>
I'll be listening for you, Lou!

10866. Re: [AWA Group] Digest Number 1481

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-04 11:41:15 UTC
From: Joe Cro
Topic: 10866 Message: 10866

AWAGroupCongradulations to both parties for a job well done. I don't know which was more challenging, loop modulation or copying a signal on a HR-10B!

Joe Cro N3IBX
----- Original Message -----
From: AWAGroup@yahoogroups.com
To: AWAGroup@yahoogroups.com
Sent: Wednesday, February 04, 2015 6:36 AM
Subject: [AWA Group] Digest Number 1481

AWAGroup Group
3 Messages Digest #1481 1a Re: Lou's Adventure by "Larry Szendrei"
2a Lou's Adventure .. & Larry by "Louis Vermond" louisvermond 2b Re: Lou's Adventure .. & Larry by "Larry Szendrei"
Messages
1a Re: Lou's Adventure Tue Feb 3, 2015 4:09 am (PST) . Posted by: "Larry Szendrei" A few open questions to which I'd like to know the answer:

1. Was this a 2-way QSO?

2. What XMTR were you each running?

3. Loop modulation?

73,
-Larry/NE1S

On 2/2/15 9:26 PM, dulmagedon@... [AWAGroup] wrote:
>
>
> Tonight on 3625kc VE3AWA made contact on AM phone with VE3LYX. Band
> conditions were terrible with a very high noise floor but despite that
> Lou was able to get through. I recorded it with my shack tape
> recorder and tried to rerecord it to this computer. It did not come
> through well. I should have just taken the computer down stairs and
> used it straight up. I was unable to return tonight but we will try
> again as Lou has heard me before. It will take a bit of adjustment to
> find the right spacing but the conversation was certainly
> understandable. It is amazing that with this method the signal could
> be heard and understood under such poor conditions. I don't know the
> power out but i assume his input is around 5 watts or less. I was
> listening on an HR10B and it is on a beverage. I told Lou if it was
> 1919 we would think it was perfect!
> Congratulations on a job well done Lou! Or as WC Fields would have
> said, "Give the man a cigar!"
>
>

> .
>
>

Reply to sender . Reply to group . Reply via Web Post . All Messages (2) . Top ^ 2a Lou's Adventure .. & Larry Tue Feb 3, 2015 8:48 am (PST) . Posted by: "Louis Vermond" louisvermond A few open questions to which I'd like to know the answer:

1. Was this a 2-way QSO? No. Here, bkgnd S-9+. Not a hope...

2. What XMTR were you each running? Don, Hartley. 3AWA, see below.

3. Loop modulation? A mix of kinds of as discussed here in some depth.

Larry, I have ur Sat. night AM Contest schedule. Will be calling you with only "AM" rig at my disposal.

73,
-Lou VE3AWA
Don has the same mic.

Reply to sender . Reply to group . Reply via Web Post . All Messages (2) . Top ^ 2b Re: Lou's Adventure .. & Larry Tue Feb 3, 2015 2:25 pm (PST) . Posted by: "Larry Szendrei" On 2/3/15 11:47 AM, Louis Vermond ldvermond@sympatico.ca [AWAGroup] wrote:
>
> □
>
> Larry, I have ur Sat. night AM Contest schedule. Will be calling you
> with only "AM" rig at my disposal.
>
I'll be listening for you, Lou!
Reply to sender . Reply to group . Reply via Web Post . All Messages (2) . Top ^ Visit Your Group a.. New Photos 3 • Privacy • Unsubscribe • Terms of Use

10867. Re: [AWA Group] Digest Number 1481

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-04 14:07:17 UTC
From: dulmagedon@...
Topic: 10866 Message: 10867

The loop modulation is very easy and quite effective which is its biggest drawback by far. The HR10B receiver in this shack has received the monicker as the worlds worst shortwave receiver. I was tuned up and listening on a RS DX390 dgital however I had the HR10B close in frequency. The noise level however was unbelievable. I could tell Lou was tuning up but when he began to speak the noise was too bad so I quickly found him on the HR10B because it is on a beverage receiving antenna which KILLS background noise and even though everyones signals were iffy that night here I was able to hear him clearly VE3AWA VE3AWA calling VE3LYX VE3LYX. We are 197 miles apart. I had started a tape recorder running in the far side of the shack when I first fired up so I have it on tape too even though the tape recorder was only in the same room not real close. I have listened to it several times since. It brings a smile. Lou is really a bit shy on phone so he he didn't say much. I understand that having been through it myself last spring when I was able to work a couple of Hams in the Eastern US on phone with my 40M TNT quite easily. It is a bit of shock. Then there is a day or so of grinning as you know you have experienced something that was experienced back in the 1919 and early 1920s. I treid to reply and Lou could hear my carrier but his noise level at s9+ that night made it impossible for him to hear morethen just my carrier and test CW V. because we were on 80M I didn't have my good looper the 40M TNT but had to whip up a quick adapter for my recently built for the BK 80M Hartely. I also having stolen all my 01A for the Three dialer project had a 45 in this rig. It was a bit stubborn but I had it working good on our original frequency 3690 and had tested it 20 minutes previous. when we went to operate our 3690 was busy and we qsyed our exhange to 3625kcs. The 45 was stubborn but i did get it going however noise level ofS9+ is above my TNTs Hartley ability to put a signal there and the fact that he could even hear my carrier on test as I centred on our choosen freq a bonus. As with many things in life Murphys Law raised its head once again for me but that is ok because Lou has heard me on phone on my TNT before anyway. This was Lou's night and he delivered in fine style. He is probably still grinning and pinching himself. We will do it again I am sure and to that end I have retubed the Hartley to its original set up so I can trust it to run when I key it. Now all we need is a quieter night with good prop. ARRL says in their 1920s report contacts as far as 1500 miles have been done with it so we live in hope. IE CQ VE7SL?????? ;>)

don

10868. Re: [AWA Group] Digest Number 1481

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-04 14:51:39 UTC
From: Jon Delventhal
Topic: 10866 Message: 10868

What kind of modulation percentages are you guys getting? I once tried "loop" modulation but the percentage was quite low. My carbon microphone's resistance varies by about +/- 30% with loud speech directly into the mike. Is this typical for carbon mikes?

Jon

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, February 4, 2015 8:07 AM
Subject: Re: [AWA Group] Digest Number 1481

The loop modulation is very easy and quite effective which is its biggest drawback by far. The HR10B receiver in this shack has received the monicker as the worlds worst shortwave receiver. I was tuned up and listening on a RS DX390 dgital however I had the HR10B close in frequency. The noise level however was unbelievable. I could tell Lou was tuning up but when he began to speak the noise was too bad so I quickly found him on the HR10B because it is on a beverage receiving antenna which KILLS background noise and even though everyones signals were iffy that night here I was able to hear him clearly VE3AWA VE3AWA calling VE3LYX VE3LYX. We are 197 miles apart. I had started a tape recorder running in the far side of the shack when I first fired up so I have it on tape too even though the tape recorder was only in the same room not real close. I have listened to it several times since. It brings a smile. Lou is really a bit shy on phone so he he didn't say much. I understand that having been through it myself last spring when I was able to work a couple of Hams in the Eastern US on phone with my 40M TNT quite easily. It is a bit of shock. Then there is a day or so of grinning as you know you have experienced something that was experienced back in the 1919 and early 1920s. I treid to reply and Lou could hear my carrier but his noise level at s9+ that night made it impossible for him to hear morethen just my carrier and test CW V. because we were on 80M I didn't have my good looper the 40M TNT but had to whip up a quick adapter for my recently built for the BK 80M Hartely. I also having stolen all my 01A for the Three dialer project had a 45 in this rig. It was a bit stubborn but I had it working good on our original frequency 3690 and had tested it 20 minutes previous. when we went to operate our 3690 was busy and we qsyed our exhange to 3625kcs. The 45 was stubborn but i did get it going however noise level ofS9+ is above my TNTs Hartley ability to put a signal there and the fact that he could even hear my carrier on test as I centred on our choosen freq a bonus. As with many things in life Murphys Law raised its head once again for me but that is ok because Lou has heard me on phone on my TNT before anyway. This was Lou's night and he delivered in fine style. He is probably still grinning and pinching himself. We will do it again I am sure and to that end I have retubed the Hartley to its original set up so I can trust it to run when I key it. Now all we need is a quieter night with good prop. ARRL says in their 1920s report contacts as far as 1500 miles have been done with it so we live in hope. IE CQ VE7SL?????? ;>)

don

10869. eBay Alert Why???!!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-05 00:07:23 UTC
From: Louis Vermond
Topic: 10869 Message: 10869

http://www.ebay.com/itm/1929-Style-Hartley-CW-Transmitter-Homebrew-QRP-/111588438295?pt=LH_DefaultDomain_0&hash=item19fb307117

10870. RE: [AWA Group] eBay Alert Why???!!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-05 00:52:43 UTC
From: Steve Flood
Topic: 10869 Message: 10870

KB7NRN I think.

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

10871. Re: [AWA Group] eBay Alert Why???!!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-05 01:45:25 UTC
From: Steve
Topic: 10869 Message: 10871

> KB7NRN I think.

yes...his work is distinctive in appearance...wonder if he is downsizing for a move

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10872. Vintage AM Fone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-05 20:41:48 UTC
From: Eddy Swynar
Topic: 10872 Message: 10872

OK Lou...

And all of you other turn-coats(!) against the grand & glorious past-time commonly referred to as "CW" in more civil circles, have a gander at THIS specimen for your retro-AM fone station:

http://www.kijiji.ca/v-buy-sell-other/city-of-toronto/rare-shure-model-5-desk-mic-ham-radio-cb-radio-broadcast-tv/1049337288?enableSearchNavigationFlag=true

~73!~ de Eddy VE3CUI - VE3XZ

10873. Re: [AWA Group] Vintage AM Fone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-05 21:44:57 UTC
From: Louis Vermond
Topic: 10872 Message: 10873

OK Eddy...

And all of you other turn-coats(!) ... Loop. Great OT coat tho...

10874. "RARE SHURE MODEL 5 DESK MIC SEE!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-05 22:07:57 UTC
From: Louis Vermond
Topic: 10874 Message: 10874

How much and will you ship to Ontario? Regards, Louis

Had a guy from Edmonton offer $125 & says he will have it picked up BUT whoever sends an email money transfer FIRST OWNS IT & ship to ONT is another $25

----- Original Message -----
From: Kijiji Reply (from Louis) ldvermond@...
To: radiorog@...
Sent: Thursday, February 05, 2015 2:42 PM
Subject: Reply to your "RARE SHURE MODEL 5 DESK MIC HAM RADIO CB RADIO BROADCAST & TV" Ad on Kijiji

Hello! The following is a reply to your "RARE SHURE MODEL 5 DESK MIC HAM RADIO CB RADIO BROADCAST & TV" Ad on Kijiji:

From: Louis(ldvermond@...)
How much and will you ship to Ontario? Regards, Louis

You can respond to "Louis(ldvermond@sympatico.ca)" by replying to this email.

Other options:

a.. Want more replies? Promote your ad through My Kijiji
b.. Ad no longer relevant? Delete your ad from the original Manage My Ads email or from Kijiji.

Important Kijiji Safety Notice:
a.. All transactions should take place in person with cash. Do not ship items and do not accept other payment methods.
b.. Never click links in an email that ask you to sign in to Kijiji. All "Your Kijiji account has expired" emails are fakes.
c.. Kijiji, eBay and PayPal do not offer buyer or seller protection for Kijiji items. Such emails are fakes.
d.. Click here to read more Kijiji safety tips.

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10875. Re: [AWA Group] "RARE SHURE MODEL 5 DESK MIC SEE!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-05 22:27:45 UTC
From: Eddy Swynar
Topic: 10874 Message: 10875

Hi Lou,

It's a pretty rare bird, indeed...!

Good luck in grabbing it before it flies away...!

~73~ de Eddy VE3CUI - VE3XZ

On 2015-02-05, at 5:07 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:

> □
>
> How much and will you ship to Ontario? Regards, Louis
>
> Had a guy from Edmonton offer $125 & says he will have it picked up BUT whoever sends
> an email money transfer FIRST OWNS IT & ship to ONT is another $25
>
> ----- Original Message -----
> From: Kijiji Reply (from Louis) ldvermond@...
> To: radiorog@...
> Sent: Thursday, February 05, 2015 2:42 PM
> Subject: Reply to your "RARE SHURE MODEL 5 DESK MIC HAM RADIO CB RADIO BROADCAST & TV" Ad on Kijiji
>
> Hello! The following is a reply to your "RARE SHURE MODEL 5 DESK MIC HAM RADIO CB RADIO BROADCAST & TV" Ad on Kijiji:
>
> From: Louis(ldvermond@...)
> How much and will you ship to Ontario? Regards, Louis
>
> You can respond to "Louis(ldvermond@sympatico.ca)" by replying to this email.
>
> Other options:
>
> Want more replies? Promote your ad through My Kijiji
> Ad no longer relevant? Delete your ad from the original Manage My Ads email or from Kijiji.
>
>
> Important Kijiji Safety Notice:
> All transactions should take place in person with cash. Do not ship items and do not accept other payment methods.
> Never click links in an email that ask you to sign in to Kijiji. All "Your Kijiji account has expired" emails are fakes.
> Kijiji, eBay and PayPal do not offer buyer or seller protection for Kijiji items. Such emails are fakes.
> Click here to read more Kijiji safety tips.
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> Operated by: Marktplaats B.V | Wibautstraat 224-2 | Amsterdam | 1097 DN | Netherlands
>
>

10876. Re: [AWA Group] "RARE SHURE MODEL 5 DESK MIC SEE!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-05 22:30:58 UTC
From: Louis Vermond
Topic: 10874 Message: 10876

All urs Eddy!

Hi Lou,

It's a pretty rare bird, indeed...!

Good luck in grabbing it before it flies away...!

~73~ de Eddy VE3CUI - VE3XZ

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.

10877. Re: [AWA Group] "RARE SHURE MODEL 5 DESK MIC SEE!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-05 22:41:41 UTC
From: Eddy Swynar
Topic: 10874 Message: 10877

Hi Lou,

Thanks, but no thanks...

When I built a Heising modulator a few years back, I used an ordinary F-1 Bell Telephone mic cartridge for a microphone...worked like a charm, too, adding "wobbulation" to my 245 Hartley...

I had to wrap the steel parts of the mic with tape, though, as I'd get a "bite" out of it, every time it might contact my lip!

~73~ de Eddy VE3CUI - VE3XZ

On 2015-02-05, at 5:30 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:

> □
>
> All urs Eddy!
>
>
>
>
>
>
> Hi Lou,
>
>
> It's a pretty rare bird, indeed...!
>
> Good luck in grabbing it before it flies away...!
>
> ~73~ de Eddy VE3CUI - VE3XZ
>
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>

10878. Re: [AWA Group] "RARE SHURE MODEL 5 DESK MIC SEE!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-05 22:47:55 UTC
From: N1BUG
Topic: 10874 Message: 10878

Nice! I'm not even a fone operator but that is thing of beauty for sure.

Bugsy

10879. Re: [AWA Group] "RARE SHURE MODEL 5 DESK MIC SEE!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-05 22:55:37 UTC
From: Louis Vermond
Topic: 10874 Message: 10879

If necessary, will act as CDN adr go-between for the S. of the 49th types here. Lou

----- Original Message -----
From: N1BUG paul@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-02-05 5:47 PM
Subject: Re: [AWA Group] "RARE SHURE MODEL 5 DESK MIC SEE!!

Nice! I'm not even a fone operator but that is thing of beauty for sure.

Bugsy

10880. Re: [AWA Group] "RARE SHURE MODEL 5 DESK MIC SEE!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-05 23:04:21 UTC
From: dulmagedon@...
Topic: 10874 Message: 10880

Turncoats?! I,ve heard everything now! It is very cool but is mid thirties. I was planning another build today. I started searching for a Candlestick phone. Carbon mic and earpiece with push to talk sort of.
BTW was working on the hartley and tested to see how low I could take it (160m thing) 1888kc and fully tuned. Then I realized I don't have a 160m antenna.
don

10881. Mike Durff

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-06 11:26:43 UTC
From: Mike Feher
Topic: 10881 Message: 10881

Please welcome Mike to the group. He sent the following as an introduction:

"SWL since 1959, Just re-licensed as a ham in 2014. Interested in 1920's - 1940's radio technology.

TNX"

He forgot to share his new call with us, but, I am sure he will when we hear from him. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

10882. Re: [AWA Group] Mike Durff

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-06 13:01:59 UTC
From: Louis Vermond
Topic: 10881 Message: 10882
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Mike and tks for joining. 73, Lou VE3AWA

10883. Re: [AWA Group] "RARE SHURE MODEL 5 DESK MIC SEE!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-06 13:08:26 UTC
From: Louis Vermond
Topic: 10874 Message: 10883

Then I realized I don't have a 160m antenna. You do in the others...

10884. Re: [AWA Group] Mike Durff

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-06 14:42:56 UTC
From: Roger Kuchera
Topic: 10881 Message: 10884
Attachments: 1 described; binary payloads are missing from this source WARC

Howdy Mike. Welcome aboard.

CUL, Roger/K1TG

On Friday, February 6, 2015 8:02 AM, "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Hello Mike and tks for
joining. 73, Lou VE3AWA

10885. eBay Alert....oddity

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-06 14:56:01 UTC
From: Louis Vermond
Topic: 10885 Message: 10885

http://www.ebay.com/itm/General-Cement-TV-Wire-Nails-5-Boxes-Vintage-Radio-Television-Repair-NOS/111582253296?_trksid=p2047675.c100005.m1851&_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D28809%26meid%3Da456d5fe618c4ff5bb9b73316b075a19%26pid%3D100005%26rk%3D5%26rkt%3D6%26sd%3D141563801453&rt=nc

10886. Vibroplex

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-06 20:46:44 UTC
From: Eddy Swynar
Topic: 2674 Message: 10886

Hi Guys,

Anyone interested in a Vibroplex "PRESENTATION" bug---for just $75.00 Canadian (that''s about two bux in current U.S. dollars! Hi Hi).

It looks all nice-looking & gold-plated---but I think the knobs aren't the original ones.

Anyway, go to this site for a peek-a-boo:

http://www.kijiji.ca/v-buy-sell-other/barrie/ham-radios-vibroplex-morse-key/1011721287?enableSearchNavigationFlag=true

~73~ de Eddy VE3CUI - VE3XZ

10887. RE: [AWA Group] Vibroplex

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-06 21:07:06 UTC
From: Mike Feher
Topic: 2674 Message: 10887

Eddy -

That is not a presentation. Someone just took everything off of it and painted it gold. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, February 06, 2015 3:47 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Vibroplex

Hi Guys,

Anyone interested in a Vibroplex "PRESENTATION" bug---for just $75.00 Canadian (that''s about two bux in current U.S. dollars! Hi Hi).

It looks all nice-looking & gold-plated---but I think the knobs aren't the original ones.

Anyway, go to this site for a peek-a-boo:

http://www.kijiji.ca/v-buy-sell-other/barrie/ham-radios-vibroplex-morse-key/1011721287?enableSearchNavigationFlag=true

~73~ de Eddy VE3CUI - VE3XZ

10888. Re: [AWA Group] Vibroplex

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-06 21:13:05 UTC
From: Steve
Topic: 2674 Message: 10888

> & gold-plated---but I think the knobs aren't the original ones.

Looks more like he has spray painted it gold ... did they make a
gold-painted version back then Eddy? ... don't ever recall seeing this
before.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

10889. Re: [AWA Group] Vibroplex

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-06 21:14:23 UTC
From: Steve
Topic: 2674 Message: 10889

oops...just saw Mike beat me to it.... I agree Mike, this is not stock.

>> & gold-plated---but I think the knobs aren't the original ones.
>
> Looks more like he has spray painted it gold ... did they make a
> gold-painted version back then Eddy? ... don't ever recall seeing this
> before.
>
>
> Steve
>
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
> VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to
> Nanowaves":
> http://ve7sl.blogspot.ca/
>
>
>
> ------------------------------------
> Posted by: "Steve" <VE7SL@...>
> ------------------------------------
>
>
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>
> Yahoo Groups Links
>
>
>

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

10890. Re: [AWA Group] Vibroplex

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-06 21:30:14 UTC
From: Eddy Swynar
Topic: 2674 Message: 10890

On 2015-02-06, at 4:07 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

>
> Eddy –
>
>
>
> That is not a presentation. Someone just took everything off of it and painted it gold.
73 – Mike
>
>
>
> Mike B. Feher, N4FS
>

Hi Mike,

Aha...!

Somebody is trying to cash-in on a well-known marque...!

I bought a brand new Presentation here some 30 years ago, directly from Vibroplex: it has the gold-plated cover atop the base---I thought that maybe the really old ones had the entire base gold plated.

Learn something new every day, I guess...!

Thanks, Mike...

~73~ de Eddy VE3CUI - VE3XZ

10891. Heising looping kathoding

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-06 21:31:16 UTC
From: dulmagedon@...
Topic: 10891 Message: 10891

I found Eddy's comments interesting. I wondered if he left it built and would bring it out to play some dark night. Me and Lou use bakelite mics so we don't get as badly stung. Before Lou showed us the Loop picture I had been playing with Kathode modulation on my TNT and had it working fairly well. I never quit having also a pair of kathode keyed ARC5s and currently have three devices that will mod the kathode in operation. These are the three best working in my opinion but I have morphed through several different designs on the way. Interestingly for me anyway, is the fact that the first one I built for the TNT is among my favourites still working. I have had it on all my kathode keyed rigs and it runs them easily. The last was my bare essentials 50l6 rig and it worked nice there as well. Normally I use a 01A tube in it although I did have a 45 in when testing it on my ARC5s (80M and 160M) So in that vein I had started already this week planing and collecting parts for a dedicated AM pre 29 rig.I was working on it this afternoon and have the pilot 4 pin tube sockets mounted and a 1920s audio transformer from an old Harris chassis liberated and ready to install on the wood chassis so I can use a carbon mic. A I alluded to earlier I am wanting a old candle stick telephone to use as mic stand and to use its old carbon mic. This rig will also be kathode keying so I will be able to be a patriot or a turncoat at a moments notice and would be using my wooden key or my 1920s vibroplex on CW. The Modulator will again use a 01A and the Tx will use a 45 and probably be a Hartley as it is by far my favourite osc to build and run. The modulator circuit will be an exact copy of the one I made since I have rubbed on it and changed it till I was totally happy with its performance. The trick will be to strike the right balance between good modulation (Spelled enuf)and minimal osc disruption. Anyway that is what is happening here.

don

10892. RE: [AWA Group] Vibroplex

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-06 21:35:01 UTC
From: Mike Feher
Topic: 2674 Message: 10892

Yes, what you bought with the top plate is the real "Presentation". 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, February 06, 2015 4:30 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Vibroplex

On 2015-02-06, at 4:07 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

Eddy -

That is not a presentation. Someone just took everything off of it and painted it gold. 73 - Mike

Mike B. Feher, N4FS

Hi Mike,

Aha...!

Somebody is trying to cash-in on a well-known marque...!

I bought a brand new Presentation here some 30 years ago, directly from Vibroplex: it has the gold-plated cover atop the base---I thought that maybe the really old ones had the entire base gold plated.

Learn something new every day, I guess...!

Thanks, Mike...

~73~ de Eddy VE3CUI - VE3XZ

10893. Re: [AWA Group] Heising looping kathoding

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-06 23:14:42 UTC
From: Louis Vermond
Topic: 10891 Message: 10893
Attachments: 1 described; binary payloads are missing from this source WARC

This rig will also be kathode keying so I will be able to be a patriot or a turncoat at a moments notice ....

10894. Broadcast interference on 800kc

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-07 12:30:07 UTC
From: dulmagedon@...
Topic: 10894 Message: 10894

I am having a big problem now with broadcast band interference. My first suspicion was I had developed a
corrosion point on one of the antennas that may have become a low level rectifier but it is on all the antennas it seems. On the LF regen it shows up exactly at 1/2 assigned frequency (400kc) and that seems a bit serendipitous to me. I know the engineer. In fact he told me last conversation how he had saved the company $3500 by using a cheaper method of guywire insulating and spacings That perked my ears up. As well as showing up on the LF rig it also was bothering me a bit when I was trying the hartley on 160M last night. It is a very powerful station and too close but didn t used to be a problem. Now that I am dabling closer to its freq it is a pain in the butt. I may have to make a trap. Did I talk to the engineer? Nope. I have know many on my life (Automotive in my field and Electrical as well , my Dad's) and never ever met a single one who had ever made a mistake an error or a bad judgement call, and that would include my Dad BTW so I wouldn't ever bother to waste the breathe. I think a simple closed end tank circuit tuned to the offending 800kc should kill it but I have not played around with such devices as there was never before a reason to do so. Anyone dealt with this? On 80M 40M and 20M it is not a problem here. Just 160 and 630M

don

10895. eBay Alert QSTs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-07 15:19:05 UTC
From: Louis Vermond
Topic: 10895 Message: 10895

http://www.ebay.com/sch/delkel41/m.html?item=331472348243&ssPageName=ADME%3ASS%3ASS%3AUS%3A1120&rt=nc&_trksid=p2047675.l2562

10896. Thanks for the welcome

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-07 15:44:49 UTC
From: Mike Durff
Topic: 10896 Message: 10896

You can see my bio on QRZed under K4TQF73 Durff

10897. My Junk -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-07 16:00:39 UTC
From: Mike Feher
Topic: 10897 Message: 10897

To see some of my junk here, go to this page:

http://w2dtc.com/2007-0625-n4fs-page.htm

These were taken about 8 years ago and represent about 5% of what is here. Also, in the last 8 years I have disposed of a lot (due to a divorce), but, made up for it many times over since. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

10898. Re: [AWA Group] My Junk -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-07 18:18:49 UTC
From: Daniel Petersen
Topic: 10897 Message: 10898

Mike, most regrettably I must correct you. What you have is "Junque". That raises it from the vulgar and mundane "junk" to the noble level it most deserves - Junque. Now tomorrow we shall explore the term "packrat". 8^)
73,
Dan - W7OIL

On Sat, Feb 7, 2015 at 8:00 AM, 'Mike Feher' n4fs@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> To see some of my junk here, go to this page:
>
>
>
> http://w2dtc.com/2007-0625-n4fs-page.htm
>
>
>
> These were taken about 8 years ago and represent about 5% of what is here.
> Also, in the last 8 years I have disposed of a lot (due to a divorce), but,
> made up for it many times over since. 73 – Mike
>
>
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
>
>
>
>

--

73,
Dan - W7OIL

10899. RE: [AWA Group] My Junk -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-07 18:25:23 UTC
From: Mike Feher
Topic: 10897 Message: 10899

Then maybe after that we can look into “hoarder”, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, February 07, 2015 1:19 PM
To: awagroup
Subject: Re: [AWA Group] My Junk -

Mike, most regrettably I must correct you. What you have is "Junque". That raises it from the vulgar and mundane "junk" to the noble level it most deserves - Junque. Now tomorrow we shall explore the term "packrat". 8^)

73,

Dan - W7OIL

On Sat, Feb 7, 2015 at 8:00 AM, 'Mike Feher' n4fs@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

To see some of my junk here, go to this page:

http://w2dtc.com/2007-0625-n4fs-page.htm

These were taken about 8 years ago and represent about 5% of what is here. Also, in the last 8 years I have disposed of a lot (due to a divorce), but, made up for it many times over since. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

--

73,
Dan - W7OIL

10900. Re: [AWA Group] Broadcast interference on 800kc

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-07 18:35:37 UTC
From: Art Lebermann
Topic: 10894 Message: 10900

Don...

?

Yes - I'd guess that a trap tuned to 800 KHz would be the best idea.? Strange things can happen inside receivers that live in a high RF field.? I'm Transmitter Engineer for a group of broadcast stations, which include two 50 Kw AM's - one on 680 KHz, and one on 810 KHz.? All stations are required by the FCC to make annual measurements of occupied bandwidth and harmonic radiation, to insure compliance with the rules.? Do you have access to a spectrum analyzer that would operate down to 100 KHz?

?

73,

ART

W6REQ

-----Original Message-----
From: "dulmagedon@... [AWAGroup]"
Sent: Feb 7, 2015 4:30 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Broadcast interference on 800kc

I am having a big problem now with broadcast band interference. My first suspicion was I had developed a
corrosion point on one of the antennas that may have become a low level rectifier but it is on all the antennas it seems. On the LF regen it shows up exactly at 1/2 assigned frequency (400kc) and that seems a bit serendipitous to me. I know the engineer. In fact he told me last conversation how he had saved the company $3500 by using a cheaper method of guywire insulating and spacings That perked my ears up. As well as showing up on the LF rig it also was bothering me a bit when I was trying the hartley on 160M last night. It is a very powerful station and too close but didn t used to be a problem. Now that I am dabling closer to its freq it is a pain in the butt. I may have to make a trap. Did I talk to the engineer? Nope. I have know many on my life (Automotive in my field and Electrical as well , my Dad's) and never ever met a single one who had ever made a mistake an error or a bad judgement call, and that would include my Dad BTW so I wouldn't ever bother to waste the breathe. I think a simple closed end tank circuit tuned to the offending 800kc should kill it but I have not played around with such devices as there was never before a reason to do so. Anyone dealt with this? On 80M 40M and 20M it is not a problem here. Just 160 and 630M

don

10901. Re: [AWA Group] Broadcast interference on 800kc

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-07 20:20:02 UTC
From: Leonard Meek
Topic: 10894 Message: 10901

Every morning we get a weird buzzing on 1200KHz AM. It goes on for a couple of hours and interferes with my wife's favorite station on 1210KHz. I'd like to complain to someone but don't know who. It's pointless to complain to the FCC. They'll just tell you there's nothing they can do. It seems to be coming in on the power line. I turned off all my breakers but a transistor redio still picks up the buzz, especially near the service entry.

Leonard

----- Original Message -----
From: Art Lebermann artleb@...t [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Saturday, February 07, 2015 8:35 AM
Subject: Re: [AWA Group] Broadcast interference on 800kc

Don...

Yes - I'd guess that a trap tuned to 800 KHz would be the best idea. Strange things can happen inside receivers that live in a high RF field. I'm Transmitter Engineer for a group of broadcast stations, which include two 50 Kw AM's - one on 680 KHz, and one on 810 KHz. All stations are required by the FCC to make annual measurements of occupied bandwidth and harmonic radiation, to insure compliance with the rules. Do you have access to a spectrum analyzer that would operate down to 100 KHz?

73,

ART

W6REQ

-----Original Message-----
From: "dulmagedon@yahoo.ca [AWAGroup]"
Sent: Feb 7, 2015 4:30 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Broadcast interference on 800kc

I am having a big problem now with broadcast band interference. My first suspicion was I had developed a
corrosion point on one of the antennas that may have become a low level rectifier but it is on all the antennas it seems. On the LF regen it shows up exactly at 1/2 assigned frequency (400kc) and that seems a bit serendipitous to me. I know the engineer. In fact he told me last conversation how he had saved the company $3500 by using a cheaper method of guywire insulating and spacings That perked my ears up. As well as showing up on the LF rig it also was bothering me a bit when I was trying the hartley on 160M last night. It is a very powerful station and too close but didn t used to be a problem. Now that I am dabling closer to its freq it is a pain in the butt. I may have to make a trap. Did I talk to the engineer? Nope. I have know many on my life (Automotive in my field and Electrical as well , my Dad's) and never ever met a single one who had ever made a mistake an error or a bad

judgement call, and that would include my Dad BTW so I wouldn't ever bother to waste the breathe. I think a simple closed end tank circuit tuned to the offending 800kc should kill it but I have not played around with such devices as there was never before a reason to do so. Anyone dealt with this? On 80M 40M and 20M it is not a problem here. Just 160 and 630M

don

10902. Re: [AWA Group] My Junk -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-07 20:21:35 UTC
From: Leonard Meek
Topic: 10897 Message: 10902

I resemble that statement!

Leonard

----- Original Message -----
From: Daniel Petersen dan.w7oil@... [AWAGroup]
To: awagroup
Sent: Saturday, February 07, 2015 8:18 AM
Subject: Re: [AWA Group] My Junk -

Mike, most regrettably I must correct you. What you have is "Junque". That raises it from the vulgar and mundane "junk" to the noble level it most deserves - Junque. Now tomorrow we shall explore the term "packrat". 8^)
73,
Dan - W7OIL

On Sat, Feb 7, 2015 at 8:00 AM, 'Mike Feher' n4fs@eozinc.com [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

To see some of my junk here, go to this page:

http://w2dtc.com/2007-0625-n4fs-page.htm

These were taken about 8 years ago and represent about 5% of what is here. Also, in the last 8 years I have disposed of a lot (due to a divorce), but, made up for it many times over since. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

--

73,
Dan - W7OIL

10903. Re: [AWA Group] Broadcast interference on 800kc

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-07 20:57:05 UTC
From: dulmagedon@...
Topic: 10894 Message: 10903

Not at the moment but I have my brother on a search to find our old Certelecom Lab equipment. We used to have an early one because I made a bunch of traps for Dad once to cure interference on 136 Mc on a marine radio under test and he let me spend a few hours afterwards playing with it.later they got a fancy digital one but Dave says the original is probably stashed in closet somewhere at the lab as it is in the same building it was started in. Here is hoping! There is a ham about 12 miles away who has a new one in his shack and I may ask him what that section of the band looks like. I just picked it up on my digital G8 traveler too when testing another circuit. It never used to be a problem so something has changed.
don

10904. AWA Amplitude Modulation QSO Party - This Weekend

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-07 21:05:20 UTC
From: Don Buska - The Radio Lab Works
Topic: 10840 Message: 10904

Just another reminder that this is the weekend for the AWA AM QSO Party. As Larry NE1S has already indicated in a prior notification he will be running the AWA callsign W2AN as one of the events flagship stations. I will be running W1HRX (The James Millen Society) callsign as the second flagship station for this event.

Now I need to get busy and clean off the operating tables for the two stations I plan on using this weekend. That should take me up to our starting time at 23:00UTC today.

Hope to work some of you this weekend. As always W1HRX can provide QSL confirmation cards to all worked stations. Our cards are replica's of Jim's original QSL's used in the late 1930's that picture his 1KW AM station rack setup now located at the AWA Museum.

73
Don N9OO

On 2/1/2015 12:48 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
>
> AWA Amplitude Modulation QSO Party
>
> /*Please Note:The editor of the Journal has reported that the Winter
> issue with details for this contest will be late and will arrive after
> the event.Please pass the word on this and give any who wonder about
> the date time etc the information below which has not changed.Thank
> you, Tim Walker, W1GIG*/
> http://www.antiquewireless.org/awa-amplitude-modulation-qso-party.html
>
> ---
> Posted by: Louis Vermond <ldvermond@...>
> ---
> <https://groups.yahoo.com/neo/groups/AWAGroup/conversations/messages/10840;_ylc=X3oDMTJy
MWZpNmZsBF9TAzk3MzU5NzE0BGdycElkAzM5NDcwOTEwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMxMDg0MARzZW
MDZnRyBHNsawNycGx5BHN0aW1lAzE0MjI4MTY0OTE-?act=reply&messageNum=10840>
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10905. Heathkit QF-1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-07 21:27:36 UTC
From: Eddy Swynar
Topic: 10905 Message: 10905

Hi Guys,

Anyone who has ever used a Q-multiplier to "soup-up" the selectivity of a vintage receiver needs no introduction to this item:

http://www.kijiji.ca/v-electronics/belleville/heathkit-q-multiplier/1047350658?enableSearchNavigationFlag=true

It's a tad pricey for what it is, but it surely can be negotiated down by the enterprising (as in "cheap") radio Amateur...!

~73~ de Eddy VE3CUI - VE3XZ

10906. RE: [AWA Group] Heathkit QF-1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-07 21:37:38 UTC
From: Mike Feher
Topic: 10905 Message: 10906

Gee - $15 for a decent QF1 is pretty reasonable in my opinion. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, February 07, 2015 4:28 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Heathkit QF-1

Hi Guys,

Anyone who has ever used a Q-multiplier to "soup-up" the selectivity of a vintage receiver needs no introduction to this item:

http://www.kijiji.ca/v-electronics/belleville/heathkit-q-multiplier/1047350658?enableSearchNavigationFlag=true

It's a tad pricey for what it is, but it surely can be negotiated down by the enterprising (as in "cheap") radio Amateur...!

~73~ de Eddy VE3CUI - VE3XZ

10907. Re: [AWA Group] Heathkit QF-1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-07 21:46:19 UTC
From: Eddy Swynar
Topic: 10905 Message: 10907

On 2015-02-07, at 4:37 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

>
> Gee - $15 for a decent QF1 is pretty reasonable in my opinion. 73 – Mike
>
>
>

Hi Mike,

The most I ever paid for one of those---and I own several here, believe me!---is probably $5.00. But the one shown in that ad is truly exceptional in its physical condition, so I guess that alone would make it worth the asking price of fifteen bux...

Let's see now: $15.00 in Canadian dollars is, what, about seventy-five cents U.S. anymore...?! :o)

~73~ de Eddy VE3CUI - VE3XZ
>

10908. Time left: Time left:43m 20s Today 5:48PM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-07 22:08:54 UTC
From: Louis Vermond
Topic: 10908 Message: 10908

http://www.ebay.com/itm/1929-Style-Hartley-CW-Transmitter-Homebrew-QRP-/111588438295?pt=LH_DefaultDomain_0&hash=item19fb307117

10909. Re: [AWA Group] Broadcast interference on 800kc

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-07 22:40:58 UTC
From: Art Lebermann
Topic: 10894 Message: 10909

You have a problem that is becoming more common.? In the search for the cause, You've already done "Step One", by turning off all your breakers.? I'd suggest that you use your transistor radio as a "direction finder".? If the radio has a ferrite rod antenna, it will have a "null" off each end.? If you walk around the area near your home, and turn the radio for a null in the noise, the source will be at either end of the radio.? Do the same at several locations, and the source will be at the point where all readings intersect.? If the noise is being coupled into the power line, this technique may not work, as it won't have a point-source.? You can also try the "hotter - colder" approach.? Walk around the area and see if the noise gets stronger at one specific spot.? Hold the radio with the rod antenna pointing up and down, so it won't be directional.

?

Hope this helps!

?

ART

W6REQ

Transmitter Engineer

Cumulus Media - San Francisco

?

-----Original Message-----
From: "'Leonard Meek' lemeek@... [AWAGroup]"
Sent: Feb 7, 2015 12:20 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Broadcast interference on 800kc

Every morning we get a weird buzzing on 1200KHz AM. It goes on for a couple of hours and interferes with my wife's favorite station on 1210KHz. I'd like to complain to someone but don't know who. It's pointless to complain to the FCC. They'll just tell you there's nothing they can do. It seems to be coming in on the power line. I turned off all my breakers but a transistor redio still picks up the buzz, especially near the service entry.

Leonard

----- Original Message -----
From: Art Lebermann artleb@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Saturday, February 07, 2015 8:35 AM
Subject: Re: [AWA Group] Broadcast interference on 800kc

Don...

Yes - I'd guess that a trap tuned to 800 KHz would be the best idea. Strange things can happen inside receivers that live in a high RF field. I'm Transmitter Engineer for a group of broadcast stations, which include two 50 Kw AM's - one on 680 KHz, and one on 810 KHz. All stations are required by the FCC to make annual measurements of occupied bandwidth and harmonic radiation, to insure compliance with the rules. Do you have access to a spectrum analyzer that would operate down to 100 KHz?

73,

ART

W6REQ

10910. 160 AWA AM Party

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-07 23:41:57 UTC
From: Louis Vermond
Topic: 10910 Message: 10910
Attachments: 1 described; binary payloads are missing from this source WARC

AWAGroup... If you are gg to work Larry before 7:70E pse pass msg this on. Tks, Lou

---

Larry, Sending this in hope you'll take a break. I am copying you on 1855. QRP loop with a punk antenna does not make for effective break-ins.

I will call you at 7:30PM sharp. Lou

10911. Re: [AWA Group] Broadcast interference on 800kc

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-07 23:50:28 UTC
From: Leonard Meek
Topic: 10894 Message: 10911

Thanks. I'll try that.

Leonard

----- Original Message -----
From: Art Lebermann artleb@... [AWAGroup]
To: AWAGroup@...m
Sent: Saturday, February 07, 2015 12:40 PM
Subject: Re: [AWA Group] Broadcast interference on 800kc

You have a problem that is becoming more common. In the search for the cause, You've already done "Step One", by turning off all your breakers. I'd suggest that you use your transistor radio as a "direction finder". If the radio has a ferrite rod antenna, it will have a "null" off each end. If you walk around the area near your home, and turn the radio for a null in the noise, the source will be at either end of the radio. Do the same at several locations, and the source will be at the point where all readings intersect. If the noise is being coupled into the power line, this technique may not work, as it won't have a point-source. You can also try the "hotter - colder" approach. Walk around the area and see if the noise gets stronger at one specific spot. Hold the radio with the rod antenna pointing up and down, so it won't be directional.

Hope this helps!

ART

W6REQ

Transmitter Engineer

Cumulus Media - San Francisco

-----Original Message-----
From: "'Leonard Meek' lemeek@... [AWAGroup]"
Sent: Feb 7, 2015 12:20 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Broadcast interference on 800kc

Every morning we get a weird buzzing on 1200KHz AM. It goes on for a couple of hours and interferes with my wife's favorite station on 1210KHz. I'd like to complain to someone but don't know who. It's pointless to complain to the FCC. They'll just tell you there's nothing they can do. It seems to be coming in on the power line. I turned off all my breakers but a transistor redio still picks up the buzz, especially near the service entry.

Leonard

----- Original Message -----
From: Art Lebermann artleb@... [AWAGroup]
To: AWAGroup@yahoogroups.com

Sent: Saturday, February 07, 2015 8:35 AM
Subject: Re: [AWA Group] Broadcast interference on 800kc

Don...

Yes - I'd guess that a trap tuned to 800 KHz would be the best idea. Strange things can happen inside receivers that live in a high RF field. I'm Transmitter Engineer for a group of broadcast stations, which include two 50 Kw AM's - one on 680 KHz, and one on 810 KHz. All stations are required by the FCC to make annual measurements of occupied bandwidth and harmonic radiation, to insure compliance with the rules. Do you have access to a spectrum analyzer that would operate down to 100 KHz?

73,

ART

W6REQ

10912. Fw: 160 AWA AM Party

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-07 23:58:39 UTC
From: Louis Vermond
Topic: 10912 Message: 10912
Attachments: 1 described; binary payloads are missing from this source WARC

%^$#@! 1885 not 55....

AWAGroup... If you are gg to work Larry before 7:70E pse pass msg this on. Tks, Lou

---

Larry, Sending this in hope you'll take a break. I am copying you on 1855. QRP loop with a punk antenna does not make for effective break-ins.

I will call you at 7:30PM sharp. Lou

10913. Re: [AWA Group] Hartley E-bay

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-08 00:15:21 UTC
From: Steve
Topic: 10908 Message: 10913

Nice healthy price!

http://www.ebay.com/itm/1929-Style-Hartley-CW-Transmitter-Homebrew-QRP-/111588438295?pt=LH_DefaultDomain_0&hash=item19fb307117

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10914. Re: [AWA Group] 160 AWA AM Party

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-08 00:26:41 UTC
From: Larry Szendrei
Topic: 10910 Message: 10914

I'll listen for you, Lou!

BTW, hope you didn't hear me on 1855 - AFAIK I'm on 1885!

73,
-Larry/NE1S

...coming up on 7:30 in 4 minutes

On 2/7/15 6:41 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> AWAGroup... If you are gg to work Larry before 7:70E pse pass msg this
> on. Tks, Lou
> ---
> Larry, Sending this in hope you'll take a break. I am copying you on
> 1855. QRP loop with a punk antenna does not make for effective break-ins.
> I will call you at 7:30PM sharp. Lou
>
>

10915. Re: [AWA Group] 160 AWA AM Party

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-08 00:45:18 UTC
From: Louis Vermond
Topic: 10910 Message: 10915

Copied that u heard 'something'...Hi ..

I am as close to ur freq as I can tell it. Ur R-5 here. Best of the bunch.

Pse stand by for me and tune.

It's 7:44

----- Original Message -----
From: Larry Szendrei ne1s@securespeed.us [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-02-07 7:26 PM
Subject: Re: [AWA Group] 160 AWA AM Party

I'll listen for you, Lou!

BTW, hope you didn't hear me on 1855 - AFAIK I'm on 1885!

73,
-Larry/NE1S

...coming up on 7:30 in 4 minutes

On 2/7/15 6:41 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:

AWAGroup... If you are gg to work Larry before 7:70E pse pass msg this on. Tks, Lou

---

Larry, Sending this in hope you'll take a break. I am copying you on 1855. QRP loop with a punk antenna does not make for effective break-ins.

I will call you at 7:30PM sharp. Lou

10916. Re: [AWA Group] 160 AWA AM Party & Loopy Louie's Loop effort.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-08 00:57:14 UTC
From: Louis Vermond
Topic: 10916 Message: 10916

Well, from the rpts I am a warble and a blip on an analyzer. Does that earn a QSL, Larry?

73, Lou VE3AWA/LM

Don, Ur still the Loop DX King...

10917. Re: [AWA Group] 160 AWA AM Party & Loopy Louie's Loop effort.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-08 01:01:46 UTC
From: Larry Szendrei
Topic: 10916 Message: 10917

Yes, you earned a QSL, Lou - I copied your CW prefectly. FB cross-mode contact!

73,
-Larry/NE1S

On 2/7/15 7:57 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> Well, from the rpts I am a warble and a blip on an analyzer. Does that
> earn a QSL, Larry?
> 73, Lou VE3AWA/LM
> Don, Ur still the Loop DX King...
>
> .
>
>

10918. Re: [AWA Group] 160 AWA AM Party & Loopy Louie's Loop effort.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-08 01:14:48 UTC
From: Louis Vermond
Topic: 10916 Message: 10918

Yes, you earned a QSL, Lou - I copied your CW prefectly. FB cross-mode contact! Larry

Great, but don't forget the warbles & blips. I'll claim my AM QSO QSL on those.

Tks to all who strained their ears, Lou VE3AWA

10919. Re: [AWA Group] 160 AWA AM Party & Loopy Louie's Loop effort.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-08 01:48:27 UTC
From: dulmagedon@...
Topic: 10916 Message: 10919

Oh you will get it. Takes a bit to get the spacing right and the listener has to be right on top of you. Close doesn't cut it. We need to practice more. And you need a good night. I can't get to 1885 on the hartley. Closest I can get in full tune is 1888. And since I have never had a 160M contact ever on any rig so I decided to save the electrons. The fact you could be heard is not insignificate considering power distance and mode. If they were shouting back to you on 2 watts or so you wud have heard zip. I have a ARC on 160M AM and with its tuner designed for a too short wire it would probably work but I wasn't up to playing radio today.
don

10921. eBay Madness

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-08 15:34:18 UTC
From: Louis Vermond
Topic: 3174 Message: 10921

http://www.ebay.co.uk/itm/VINTAGE-FERRANTI-AUDIO-FREQUENCY-TRANSFORMER-A-F-5-1920s-30s-UNUSED-IN-BOX-/141558191569?pt=UK_Collectables_RadioTelevision_Telephony_SM&hash=item20f58695d1

10922. RE: [AWA Group] eBay Madness

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-08 15:43:09 UTC
From: Mike Feher
Topic: 3174 Message: 10922

Wow, that is crazy, and, guess what - I have one in the box downstairs. More stuff for my retirement fund. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, February 08, 2015 10:34 AM
To: AWAGroup
Subject: [AWA Group] eBay Madness

http://www.ebay.co.uk/itm/
<http://www.ebay.co.uk/itm/VINTAGE-FERRANTI-AUDIO-FREQUENCY-TRANSFORMER-A-F-5-1920s-30s-UNUSED-IN-BOX-/141558191569?pt=UK_Collectables_RadioTelevision_Telephony_SM&hash=item20f58695d1>
VINTAGE-FERRANTI-AUDIO-FREQUENCY-TRANSFORMER-A-F-5-1920s-30s-UNUSED-IN-BOX-/141558191569?pt=UK_Collectables_RadioTelevision_Telephony_SM&hash=item20f58695d1

10923. Re: [AWA Group] eBay Madness

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-08 15:48:52 UTC
From: Louis Vermond
Topic: 3174 Message: 10923

Not a surprise! GM Mike...

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-02-08 10:43 AM
Subject: RE: [AWA Group] eBay Madness

Wow, that is crazy, and, guess what - I have one in the box downstairs. More stuff for my retirement fund. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, February 08, 2015 10:34 AM
To: AWAGroup
Subject: [AWA Group] eBay Madness

http://www.ebay.co.uk/itm/VINTAGE-FERRANTI-AUDIO-FREQUENCY-TRANSFORMER-A-F-5-1920s-30s-UNUSED-IN-BOX-/141558191569?pt=UK_Collectables_RadioTelevision_Telephony_SM&hash=item20f58695d1

10924. RE: [AWA Group] eBay Madness

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-08 15:59:06 UTC
From: Mike Feher
Topic: 3174 Message: 10924

I especially remember it because I always thought that Ferranti label was neat. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, February 08, 2015 10:49 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Madness

Not a surprise! GM Mike...

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup]
<mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2015-02-08 10:43 AM

Subject: RE: [AWA Group] eBay Madness

Wow, that is crazy, and, guess what - I have one in the box downstairs. More stuff for my retirement fund. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, February 08, 2015 10:34 AM
To: AWAGroup
Subject: [AWA Group] eBay Madness

http://www.ebay.co.uk/itm/
<http://www.ebay.co.uk/itm/VINTAGE-FERRANTI-AUDIO-FREQUENCY-TRANSFORMER-A-F-5-1920s-30s-UNUSED-IN-BOX-/141558191569?pt=UK_Collectables_RadioTelevision_Telephony_SM&hash=item20f58695d1>

VINTAGE-FERRANTI-AUDIO-FREQUENCY-TRANSFORMER-A-F-5-1920s-30s-UNUSED-IN-BOX-/141558191569?pt=UK_Collectables_RadioTelevision_Telephony_SM&hash=item20f58695d1

10925. Of general interest

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-08 16:14:42 UTC
From: Louis Vermond
Topic: 10925 Message: 10925

http://www.ebay.com/itm/1851-Letter-from-gun-maker-Henry-Leman-to-gunsmith-A-Soubie-New-Orleans-/141565011793?pt=LH_DefaultDomain_0&hash=item20f5eea751

10926. Re: [AWA Group] eBay Madness

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-08 17:54:04 UTC
From: Garey Barrell
Topic: 3174 Message: 10926

Maybe they thought it said 'Ferrari'??

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Louis Vermond ldvermond@... [AWAGroup] wrote:
>
>
> http://www.ebay.co.uk/itm/VINTAGE-FERRANTI-AUDIO-FREQUENCY-TRANSFORMER-A-F-5-1920s-30s-UNUSED-IN-BOX-/141558191569?pt=UK_Collectables_RadioTelevision_Telephony_SM&hash=item20f58695d1
> <http://www.ebay.co.uk/itm/VINTAGE-FERRANTI-AUDIO-FREQUENCY-TRANSFORMER-A-F-5-1920s-30s-UNUSED-IN-BOX-/141558191569?pt=UK_Collectables_RadioTelevision_Telephony_SM&hash=item20f58695d1>
>

10927. Re: [AWA Group] eBay Madness VINTAGE-FERRANTI-AUDIO-FREQUENCY-TRANSFORMER

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-09 15:11:06 UTC
From: Louis Vermond
Topic: 10927 Message: 10927

BTW: $650 CDN Comforting to know that I'm not the only nut in the world. A European in this case...

10928. Hollow-state negative voltage regulator?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-10 19:23:51 UTC
From: Larry Szendrei
Topic: 10928 Message: 10928

Is anyone aware of a vacuum-tube design for a feedback-controlled variable negative voltage regulator?

IOW, something that takes an unregulated voltage that is negative WRT ground and drops it to a variable, regulated less-negative voltage WRT ground? It does not need to source much current - say, only 5-10 mA - but should be able to maintain regulation when the "load" is sourcing current up to 30 mA or so. The application is a grid bias supply for a stage that runs into grid current.

A Google search for "vacuum tube negative voltage regulator circuit" only produced the typical positive voltage regulators.

I know, pretty easy to do in solid-state with PNP's or p-channel FETs, but this will be used in an all-tube project.

Thanks in advance for any leads,
-Larry/NE1S

10929. Re: [Glowbugs] Hollow-state negative voltage regulator?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-10 19:37:35 UTC
From: Larry Szendrei
Topic: 10929 Message: 10929

Sure, that's easy - but I need a variable-voltage, feedback-controlled
regulator. I can't be constrained by the available regulator-tube voltages.

Thanks for the response, though.

73,
-Larry/NE1S

On 2/10/15 2:32 PM, Jim Wiley wrote:
> Should be easy enough to do with a standard VR tube. Construct the
> supply as you normally would, but instead of pulling the output from
> the positive terminal, simply ground that side of the supply and use
> the normally grounded negative side (now floating) as the negative
> source.
>
> Most octal based VR tubes will regulate up to 35 mA or so.
>
> - Jim, KL7CC
>
>
>
>
> On 2/10/2015 10:23 AM, Larry Szendrei wrote:
>> Is anyone aware of a vacuum-tube design for a feedback-controlled
>> variable negative voltage regulator?
>>
>> IOW, something that takes an unregulated voltage that is negative WRT
>> ground and drops it to a variable, regulated less-negative voltage
>> WRT ground? It does not need to source much current - say, only 5-10
>> mA - but should be able to maintain regulation when the "load" is
>> sourcing current up to 30 mA or so. The application is a grid bias
>> supply for a stage that runs into grid current.
>>
>> A Google search for "vacuum tube negative voltage regulator circuit"
>> only produced the typical positive voltage regulators.
>>
>> I know, pretty easy to do in solid-state with PNP's or p-channel
>> FETs, but this will be used in an all-tube project.
>>
>> Thanks in advance for any leads,
>> -Larry/NE1S
>>
>

10930. Re: [AWA Group] Hollow-state negative voltage regulator?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-10 19:44:55 UTC
From: N1BUG
Topic: 10928 Message: 10930

Hi Larry,

I'm afraid all I can tell you right now is that it can be done! Some eons ago I built such a supply for bias in a VHF QRO amplifier. It was an adjustable, well regulated bias supply. I *think* I found the design in an old ARRL Handbook, but I'm not sure. If I did, 1952 would be a good guess on the year. Unfortunately (for both of us) I no longer have that handbook so I can't check.

I don't recall the adjustment range of the supply. I was probably looking for something around -50 to -60 volts at the time. It worked just fine.

73,
Paul N1BUG

On 02/10/2015 02:23 PM, Larry Szendrei ne1s@...
[AWAGroup] wrote:
> Is anyone aware of a vacuum-tube design for a feedback-controlled
> variable negative voltage regulator?
>
> IOW, something that takes an unregulated voltage that is negative WRT
> ground and drops it to a variable, regulated less-negative voltage WRT
> ground? It does not need to source much current - say, only 5-10 mA -
> but should be able to maintain regulation when the "load" is sourcing
> current up to 30 mA or so. The application is a grid bias supply for a
> stage that runs into grid current.
>
> A Google search for "vacuum tube negative voltage regulator circuit"
> only produced the typical positive voltage regulators.
>
> I know, pretty easy to do in solid-state with PNP's or p-channel FETs,
> but this will be used in an all-tube project.
>
> Thanks in advance for any leads,
> -Larry/NE1S
>
>
> ------------------------------------
> Posted by: Larry Szendrei <ne1s@...>
> ------------------------------------
>
>
> ------------------------------------
>
> Yahoo Groups Links

>
>
>
>

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

10931. Re: [AWA Group] Hollow-state negative voltage regulator?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-10 19:54:37 UTC
From: Jon Delventhal
Topic: 10928 Message: 10931

Why can't you just use one of those positive supplies, with the positive lead grounded and the previously grounded lead as the negative terminal?
From: "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: Glowbugs <tetrode@...>; AWAGroup@yahoogroups.com; AWA Reflector <antiquewirelessassociation@yahoogroups.com>; AMy Kapner <AKapner@...>
Sent: Tuesday, February 10, 2015 1:23 PM
Subject: [AWA Group] Hollow-state negative voltage regulator?

Is anyone aware of a vacuum-tube design for a feedback-controlled variable negative voltage regulator?

IOW, something that takes an unregulated voltage that is negative WRT ground and drops it to a variable, regulated less-negative voltage WRT ground? It does not need to source much current - say, only 5-10 mA - but should be able to maintain regulation when the "load" is sourcing current up to 30 mA or so. The application is a grid bias supply for a stage that runs into grid current.

A Google search for "vacuum tube negative voltage regulator circuit" only produced the typical positive voltage regulators.

I know, pretty easy to do in solid-state with PNP's or p-channel FETs, but this will be used in an all-tube project.

Thanks in advance for any leads,
-Larry/NE1S

10932. RE: [AWA Group] Hollow-state negative voltage regulator?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-10 20:43:03 UTC
From: Mike Feher
Topic: 10928 Message: 10932

Larry –

It seems you may be able to experiment with a triode connected such that the input to the cathode is your unregulated negative voltage and the grid input would come from the center tap of a pot which is across a VR tube also across the input. Then, the negative output would be off of the plate. Like I said, you would need to experiment, but, I think it is a simple solution for what you need. Depending on the regulation you need, you can also play with feedback from the plate back to the common grid circuit. Similar to a SS pass transistor case. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, February 10, 2015 2:24 PM
To: Glowbugs; AWAGroup@yahoogroups.com; AWA Reflector; AMy Kapner
Subject: [AWA Group] Hollow-state negative voltage regulator?

Is anyone aware of a vacuum-tube design for a feedback-controlled variable negative voltage regulator?

IOW, something that takes an unregulated voltage that is negative WRT ground and drops it to a variable, regulated less-negative voltage WRT ground? It does not need to source much current - say, only 5-10 mA - but should be able to maintain regulation when the "load" is sourcing current up to 30 mA or so. The application is a grid bias supply for a stage that runs into grid current.

A Google search for "vacuum tube negative voltage regulator circuit" only produced the typical positive voltage regulators.

I know, pretty easy to do in solid-state with PNP's or p-channel FETs, but this will be used in an all-tube project.

Thanks in advance for any leads,
-Larry/NE1S

10933. Re: [Glowbugs] Hollow-state negative voltage regulator?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-10 22:02:16 UTC
From: Larry Szendrei
Topic: 10928 Message: 10933

I'm contemplating and digesting all the helpful responses so far and
will respond to each when I'm ready and able. Thanks to all!

73,
-Larry/NE1S

On 2/10/15 2:23 PM, Larry Szendrei wrote:
> Is anyone aware of a vacuum-tube design for a feedback-controlled
> variable negative voltage regulator?
>
> IOW, something that takes an unregulated voltage that is negative WRT
> ground and drops it to a variable, regulated less-negative voltage
> WRT ground? It does not need to source much current - say, only 5-10
> mA - but should be able to maintain regulation when the "load" is
> sourcing current up to 30 mA or so. The application is a grid bias
> supply for a stage that runs into grid current.
>
> A Google search for "vacuum tube negative voltage regulator circuit"
> only produced the typical positive voltage regulators.
>
> I know, pretty easy to do in solid-state with PNP's or p-channel FETs,
> but this will be used in an all-tube project.
>
> Thanks in advance for any leads,
> -Larry/NE1S
>

10934. This evenings Loop test at VE3AWA...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-11 01:32:53 UTC
From: Louis Vermond
Topic: 10934 Message: 10934
Attachments: 1 described; binary payloads are missing from this source WARC

Well, I'm an AMer...if that is what it is.

On 3615, Don (200 mi.) and Jim (11 mi.) both reported that the audio was readable and fidelity adequate to identify the speaker. Later I changed the filament voltage from AC to DC (Type 10) for an improved T carrier signal. Because the filament battery is less then "stiff", Jim could not zero in on and chase my signal at the same time. Don tho, being an ol' hand, could and reported the audio had more "highs". "Sounds more like you."

Don suggested there be a Loop Net.

Thank you again, Don & Jim. Cards in the mail tomorrow. Was anyone else frequency?

73, Lou
VE3AWA

"I found out I could go on radio phone by using loop modulation. Loop modulation was to put a standard telephone mike, connected to a loop around the tank coil, and talk."

Tks VE3NNG

10935. Re: This evenings Loop test at VE3AWA...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-11 02:13:38 UTC
From: dulmagedon@...
Topic: 10934 Message: 10935

Was a blast to hear your voice once again. It was better this time then the last test and clear when you switched to DC heaters. Sounded like "you"
I was listening on a Trio 9R-59 hooked to a beverage. AM mode without Q multi engaged. Band was not real strong but signal was copyable. As an old 20M dxer I have worked harder to hear . Copy was not difficult.Difference between AC and Dc heater power was noticable. On a good night we could have a Loop net.
Congrats. Ya dun good!
don

10937. 70th anniversary of VE Day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-11 12:15:52 UTC
From: Louis Vermond
Topic: 10937 Message: 10937

Small museum, large collection.

The 8th May this year is the 70th anniversary of VE Day

The Military Wireless Museum in Kidderminster, West Midlands, will be open and will be operating with numerous sets available, using the clubs call of GB0MWM.

Visitors are welcome to operate the museum radio's or bring along things to try.

cheers, Ben. G4BXD

Military Wireless Museum
Kidderminster, UK.
www.militarywirelessmuseum.co.uk

.

10938. RE: [AWA Group] Hollow-state negative voltage regulator?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-11 13:05:57 UTC
From: Mike Feher
Topic: 10928 Message: 10938
Attachments: 2 described; binary payloads are missing from this source WARC

Larry –

This is about what I was attempting to talk about but in reverse. Regardless, you can use this exact circuit, as long as the input is isolated from ground and then just ground the positive output and take the negative output from the same place where the negative input goes, or, common. Relative to the grounded positive output, you will have a negative regulator that is adjustable.

This circuit is a little more complex and offers better regulation due to the feedback amp, in my opinion.

73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, February 10, 2015 3:43 PM
To: AWAGroup@yahoogroups.com; 'Glowbugs'; 'AWA Reflector'; 'AMy Kapner'
Subject: RE: [AWA Group] Hollow-state negative voltage regulator?

Larry –

It seems you may be able to experiment with a triode connected such that the input to the cathode is your unregulated negative voltage and the grid input would come from the center tap of a pot which is across a VR tube also across the input. Then, the negative output would be off of the plate. Like I said, you would need to experiment, but, I think it is a simple solution for what you need. Depending on the regulation you need, you can also play with feedback from the plate back to the common grid circuit. Similar to a SS pass transistor case. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, February 10, 2015 2:24 PM
To: Glowbugs; AWAGroup@yahoogroups.com; AWA Reflector; AMy Kapner
Subject: [AWA Group] Hollow-state negative voltage regulator?

Is anyone aware of a vacuum-tube design for a feedback-controlled variable negative voltage regulator?

IOW, something that takes an unregulated voltage that is negative WRT ground and drops it to a variable, regulated less-negative voltage WRT ground? It does not need to source much current - say, only 5-10 mA - but should be able to maintain regulation when the "load" is sourcing current up to 30 mA or so. The application is a grid bias supply for a stage that runs into grid current.

A Google search for "vacuum tube negative voltage regulator circuit" only produced the typical positive voltage regulators.

I know, pretty easy to do in solid-state with PNP's or p-channel FETs, but this will be used in an all-tube project.

Thanks in advance for any leads,
-Larry/NE1S

10939. RE: [AWA Group] Hollow-state negative voltage regulator?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-11 13:46:45 UTC
From: Mike Feher
Topic: 10928 Message: 10939
Attachments: 1 described; binary payloads are missing from this source WARC

Larry - I just draw a sketch of what I was verbally trying to explain in my original post. Hope you have some ideas now. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

10940. Re: [AWA Group] Hollow-state negative voltage regulator?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-11 16:30:08 UTC
From: Larry Szendrei
Topic: 10928 Message: 10940
Attachments: 2 described; binary payloads are missing from this source WARC

Thanks, Mike. You as well as Richard, AA1P on the Glowbugs list essentially made the same suggestion, and I played with the schematic and figured it out yesterday. I'm just now catching up to respond to those that helped with suggestions.

In my case the positive side of the unregulated negative voltage supply is grounded and must remain so. So, in this case the positive input of both the circuits below is tied to ground, and the negative regulated output is taken from the cathode of the pass tube. This references the regulated output to ground not directly but through the unregulated supply, which is not great, but probably would work well enough. I agree the circuit with the error amplifier would provide better regulation; I have used it may times, but on positive supplies wrt ground. In my application the regulation could be improved by referencing the cathode of the error amplifier to the ground (through a string of Zeners or VR tube(s) rather than to the unregulated negative supply rail. There is a a negative regulated supply circuit that does this, for example, on P241 of the 1950 ARRL handbook, which I went looking for at Paul N1BUG's suggestion.

In the end I think I found an acceptable solution very similar to what Mike K6RRE suggested on Glowbugs using a triode as shunt regulator, and similar to your first schematic below. If you have a 1944 ARRL Handbook, see page 168. Very simple, and the bias supply doesn't source much current, but the shunt tube sucks it up when the "load" is delivering current.

73, and thanks for the help!
-Larry/NE1S

On 2/11/15 8:05 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Larry –
>
> This is about what I was attempting to talk about but in reverse.
> Regardless, you can use this exact circuit, as long as the input is
> isolated from ground and then just ground the positive output and take
> the negative output from the same place where the negative input goes,
> or, common. Relative to the grounded positive output, you will have a
> negative regulator that is adjustable.
>
> This circuit is a little more complex and offers better regulation due
> to the feedback amp, in my opinion.
>
> 73 – Mike

>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Tuesday, February 10, 2015 3:43 PM
> *To:* AWAGroup@yahoogroups.com; 'Glowbugs'; 'AWA Reflector'; 'AMy Kapner'
> *Subject:* RE: [AWA Group] Hollow-state negative voltage regulator?
>
> Larry –
>
> It seems you may be able to experiment with a triode connected such
> that the input to the cathode is your unregulated negative voltage and
> the grid input would come from the center tap of a pot which is across
> a VR tube also across the input. Then, the negative output would be
> off of the plate. Like I said, you would need to experiment, but, I
> think it is a simple solution for what you need. Depending on the
> regulation you need, you can also play with feedback from the plate
> back to the common grid circuit. Similar to a SS pass transistor case.
> 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Tuesday, February 10, 2015 2:24 PM
> *To:* Glowbugs; AWAGroup@yahoogroups.com
> <mailto:AWAGroup@yahoogroups.com>; AWA Reflector; AMy Kapner
> *Subject:* [AWA Group] Hollow-state negative voltage regulator?
>
> Is anyone aware of a vacuum-tube design for a feedback-controlled
> variable negative voltage regulator?
>
> IOW, something that takes an unregulated voltage that is negative WRT
> ground and drops it to a variable, regulated less-negative voltage WRT
> ground? It does not need to source much current - say, only 5-10 mA -
> but should be able to maintain regulation when the "load" is sourcing
> current up to 30 mA or so. The application is a grid bias supply for a
> stage that runs into grid current.

>
> A Google search for "vacuum tube negative voltage regulator circuit"
> only produced the typical positive voltage regulators.
>
> I know, pretty easy to do in solid-state with PNP's or p-channel FETs,
> but this will be used in an all-tube project.
>
> Thanks in advance for any leads,
> -Larry/NE1S
>
> _.
>
>

10941. Re: [AWA Group] Hollow-state negative voltage regulator? [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-11 16:41:34 UTC
From: Larry Szendrei
Topic: 10928 Message: 10941

Thanks again, Mike!

I used a similar (but not identical) circuit may years ago in a transmitter. In this case regulation was desirable but not the primary consideration. I had a large negative voltage I wanted to drop, and had an unused half of a 6080 low-mu triode already on the project chassis. So I hooked the anode of a -75V 5W Zener to the negative supply terminal the cathode of the Zener to the cathode of the 6080 triode, the anode of the 6080 triode to the load, with the 6080 grid connected to the wiper of a pot connected between the 6080 anode and Zener anode/negative supply node.

I figured there would be some modicum of voltage regulation from the negative feedback of the 6080 anode to grid through the pot. It worked like a charm for my purpose, although I never characterized its ability to regulate the voltage. I just set the output voltage with the pot under quiescent conditions, and forgot about it. That was about 20 years ago, and the transmitter works fine to this day (I was just using it last night!)

73 es tnx agn,
-Larry/NE1S

On 2/11/15 8:46 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Larry - I just draw a sketch of what I was verbally trying to explain
> in my original post. Hope you have some ideas now. 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
>

10942. RE: [AWA Group] Hollow-state negative voltage regulator?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-11 16:49:06 UTC
From: Mike Feher
Topic: 10928 Message: 10942

I figured you would know what I meant. I did not want to use a zener as you wanted to keep it with tubes, so, I used a VR tube instead in my circuit. Anyway, sounds like you are well on your way. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, February 11, 2015 11:42 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Hollow-state negative voltage regulator?

Thanks again, Mike!

I used a similar (but not identical) circuit may years ago in a transmitter. In this case regulation was desirable but not the primary consideration. I had a large negative voltage I wanted to drop, and had an unused half of a 6080 low-mu triode already on the project chassis. So I hooked the anode of a -75V 5W Zener to the negative supply terminal the cathode of the Zener to the cathode of the 6080 triode, the anode of the 6080 triode to the load, with the 6080 grid connected to the wiper of a pot connected between the 6080 anode and Zener anode/negative supply node.

I figured there would be some modicum of voltage regulation from the negative feedback of the 6080 anode to grid through the pot. It worked like a charm for my purpose, although I never characterized its ability to regulate the voltage. I just set the output voltage with the pot under quiescent conditions, and forgot about it. That was about 20 years ago, and the transmitter works fine to this day (I was just using it last night!)

73 es tnx agn,
-Larry/NE1S

On 2/11/15 8:46 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

Larry - I just draw a sketch of what I was verbally trying to explain in my original post. Hope you have some ideas now. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

10943. RE: [AWA Group] Hollow-state negative voltage regulator? [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-11 16:52:10 UTC
From: Ron Barlow
Topic: 10928 Message: 10943

Unfortunately, IMHO, none of the 3 ckts depicted would be able to "sink" current from the load (control grids of the 4-65s). Therefore, the bias voltage will soar more negative, when 4-65 grid current begins to flow.
A shunt type regulator will do what Larry requires.
73 de Ron n4gjv

On Wed, 2/11/15, 'Mike Feher' n4fs@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: RE: [AWA Group] Hollow-state negative voltage regulator? [1 Attachment]
To: AWAGroup@yahoogroups.com
Date: Wednesday, February 11, 2015, 8:46 AM

Larry - I just draw
a sketch of what I was verbally trying to explain in my
original post. Hope you have some ideas now. 73 – Mike

Mike B. Feher,
N4FS89 Arnold
Blvd.Howell, NJ,
07731732-886-5960

10944. Re: [AWA Group] Hollow-state negative voltage regulator?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-11 17:15:20 UTC
From: Larry Szendrei
Topic: 10928 Message: 10944

Actually, Ron, the way I see it the first two circuits would! In my application they are shunt regulators, as the tube is directly across the load/current source. The 2nd circuit, the one with the error amplifier, would also "correct for" any change in voltage at the cathode due to current sourced from the "load."

73,
-Larry/NE1S

On 2/11/15 11:52 AM, Ron Barlow imalowfer@... [AWAGroup] wrote:
>
> Unfortunately, IMHO, none of the 3 ckts depicted would be able to
> "sink" current from the load (control grids of the 4-65s). Therefore,
> the bias voltage will soar more negative, when 4-65 grid current
> begins to flow.
> A shunt type regulator will do what Larry requires.
> 73 de Ron n4gjv
> ----------
>

10945. Re: Hollow-state negative voltage regulator?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-11 19:07:20 UTC
From: JAMES HANLON
Topic: 10928 Message: 10945
Attachments: 3 described; binary payloads are missing from this source WARC

Larry, I have a copy of that 1952 ARRL Handbook, and the schematic for the Electronically Regulated Bias Supply is on page 221. I've scanned the three relevant pages in and I'll try attaching them to this message. If they don't come through, let me know an email address where I can send them to you directly. You can reply to me directly through the ARRL reflector using my call sign. Jim Hanlon, W8KGI

10946. Re: [AWA Group] Re: Hollow-state negative voltage regulator? [3 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-11 19:27:42 UTC
From: Larry Szendrei
Topic: 10928 Message: 10946

Gottem, Jim, TNX. Thats the same supply that I found after Paul N1BUG sent me searching. In my case, I found it on p241 of the 1950 ARRL Handbook (I don't have a '52).

Thanks,
-Larry/NE1S

On 2/11/15 2:07 PM, JAMES HANLON knjhanlon@... [AWAGroup] wrote:
>
> Larry,
>
> I have a copy of that 1952 ARRL Handbook, and the schematic for the
> Electronically Regulated Bias Supply is on page 221. I've scanned the
> three relevant pages in and I'll try attaching them to this message.
> If they don't come through, let me know an email address where I can
> send them to you directly. You can reply to me directly through the
> ARRL reflector using my call sign.
>
> Jim Hanlon, W8KGI
>
>

10947. RE: [AWA Group] Re: Hollow-state negative voltage regulator?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-11 19:29:59 UTC
From: Mike Feher
Topic: 10928 Message: 10947

The variable ones in the handbook are the same as what I was talking about. You may, or may not, decide to do with the additional error amplifier. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, February 11, 2015 2:28 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: Hollow-state negative voltage regulator?

Gottem, Jim, TNX. Thats the same supply that I found after Paul N1BUG sent me searching. In my case, I found it on p241 of the 1950 ARRL Handbook (I don't have a '52).

Thanks,
-Larry/NE1S

On 2/11/15 2:07 PM, JAMES HANLON knjhanlon@... [AWAGroup] wrote:

Larry,

I have a copy of that 1952 ARRL Handbook, and the schematic for the Electronically Regulated Bias Supply is on page 221. I've scanned the three relevant pages in and I'll try attaching them to this message. If they don't come through, let me know an email address where I can send them to you directly. You can reply to me directly through the ARRL reflector using my call sign.

Jim Hanlon, W8KGI

10948. 630m Crossband Saturday Night

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-12 00:05:16 UTC
From: Steve
Topic: 10928 Message: 10948

Since getting the new 630m band (472-479KHz) here in Canada, one of my favorite ways of promoting interest in the new band has been 'crossband' activity ... that is, transmitting on 630m while the other stations transmit on a predetermined announced HF (QSX) frequency, usually on 80 or 160m. There are many amateurs in the U.S. who are interested in getting the band as well as many Canadians that are interested in getting on the band and the crossband activity usually generates a lot of interest.

The last time this was done, over a dozen stations (from W3, W5 to local) were worked via the crossband mode. A summary of that evening is posted here:

http://ve7sl.blogspot.ca/2014/11/630m-crossband-summary.html

Both myself and John, VE7BDQ, have enjoyed making other crossband contacts this past winter and will once again be soliciting crossbanders this coming Saturday evening.

Our plan is to operate from 0200Z through 0700Z, (1800-2300 PST Saturday). Beginning at the top of the hour, we will both be calling CQ on CW and listening for any callers on HF. CQ's will continue until there are no more callers and will begin again at the next top of hour time slot. This should allow for a wide variation in propagation and the possibility of eastern contacts as the evening progresses.

The frequencies will be:

a.. VE7SL TX 473.00KHz QSX (listening) 1808KHz (160m) and 3535KHz (80m)
a.. VE7BDQ TX 474.00KHz QSX (listening) 1813KHz (160m)
It is hoped that as many stations as possible will give a listen for us and be able to call on one of the HF QSX frequencies. Both John and myself will be running at the maximum allowable eirp for the duration of the activity.

If you have not had a look for any 630m stations, hopefully you will take the opportunity this coming Saturday night ... you really do not need any special antennas for receiving on 630m. Many of the stations that I have worked on crossband have been using HF dipoles for low-noise reception.

Please feel free to post this message to other groups as well...and, watch the blog for further updates.

See you Saturday I hope!

Steve / VE7SL

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10949. OT: What has happened to Radio?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-12 00:38:20 UTC
From: K3PID
Topic: 10949 Message: 10949

I have been listening to AM radio while at the GYM. No kidding, it was 50 minutes of commercials interrupted by occasional sports and weather and almost always the sports and weather lead into another commercial! They even interrupted commercials for commercials! I remember as a teenager listening for hours to the likes of KDKA, WLS, WBZ, and of course 77 WABC but I don’t remember such commercialism!

Sorry! I guess I am just old!
Ron K3PID

10950. Re: [AWA Group] OT: What has happened to Radio?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-12 02:20:27 UTC
From: Eddy Swynar
Topic: 10949 Message: 10950

On 2015-02-11, at 7:38 PM, 'K3PID' ron.k3pid@... [AWAGroup] wrote:

>
> I have been listening to AM radio while at the GYM. No kidding, it was 50 minutes of commercials interrupted by occasional sports and weather and almost always the sports and weather lead into another commercial! They even interrupted commercials for commercials! I remember as a teenager listening for hours to the likes of KDKA, WLS, WBZ, and of course 77 WABC but I don’t remember such commercialism!
>
> Sorry! I guess I am just old!
> Ron K3PID
>

Hi Ron,

Yes, how very true---and they want to kill commercial-free CBC Canada radio here, & replace it with all that commercialized drivel. They have NO idea what they're wishing for, but may well get it, in their lack of care...

~73~ de Eddy VE3CUI - VE3XZ

PS: AM info radio newscast: "We have just been advised that World War 3 has been declared---I repeat, World War 3 has just been declared! Details right after these brief messages from our commercial sponsors (break). Folks, are embarrassed by the heart break of yellow teeth whenever you smile...?"

10951. Jim & Lou's B-E Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-13 01:27:23 UTC
From: Louis Vermond
Topic: 10951 Message: 10951
Attachments: 5 described; binary payloads are missing from this source WARC

This was my first HB rig built in 1968 or '69. For the winter of '70, it was my station transmitter (80) along with an Eddystone 750 RX. It has sat neglected in a box these years.

This afternoon I dug it out of storage. After dusting it off, re-sweating a few suspect finishing nail wire tie points and measuring the filtre caps (OK), I fired it up very slowly without a pop or a bang. As well, all voltages measured as they should.

Without an antenna line series variable, the output is 3Ws. Series cap. loaded, 4Ws output. As remembered, the tone is a bit "wispy", the amount of which depending on crystal used.

Originally it had the pill bottle/trimmer cap tank, but at the first press of the key the trimmer arched. Al Brown, VE3DSM/VE3AL(SK) gave me the B&W Baby and variable as replacements.
Anyone here build one of these in the original fashion?

Recently, Harry, VE3GRO sed that loop modulation and XTAL control do not mix.
Harry seems to be right...

10952. Fwd: [AWA] RadioWorld - AWA Saves a Piece of Delano Station by James O'Neal, K4XAR

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-13 10:56:48 UTC
From: Larry Szendrei
Topic: 10952 Message: 10952

I'm forwarding a post by John Dilks, K2TQN from the Antique Wireless Association list, 'cuz I thought a significant number here would be interested.

73,
-Larry/NE1S

-------- Forwarded Message --------

Big, I mean really BIG, article in the February 11, 2015 RadioWorld Magazine.

You won't want to miss this story about the 250kW Collins transmitter which was saved from the scrap yard by the combined efforts of the AWA (Antique Radio Association - http://www.antiquewireless.org/) and the Collins CCA (Collins Collector Association - http://www.collinsradio.com/)

Online version - http://www.radioworld.com/article/awa-saves-a-piece-of-delano-station/274511

This transmitter was rescued from the 'Voice of America Delano California Shortwave Station'
with the rescue crew given only about one week to remove it. A massive undertaking.

It will be on display in the new AWA Museum located in Bloomfield, NY.

You can help fund and be a part of this project by joining the Collins CCA, by joining the AWA, or...

Please consider a donation, no matter the size, to support our efforts.
Click on
https://www.indiegogo.com/projects/awa-museum-voice-of-america-250-kw-station-display

73, John Dilks, K2TQN
www.k2tqn.com/
Former Editor Vintage Radio Column, QST 2000-2014
Having fun smelling hot rosin and solder again

10953. Re: [AWA Group] Jim & Lou's B-E Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-13 11:09:02 UTC
From: Larry Szendrei
Topic: 10951 Message: 10953

Very FB, Lou.

But I see know theoretical reason why loop modulation shouldn't work with XTAL-control - you'll just get (a lot) less FM-ing ("wobulation").

As I understand it, loop modulation should "work" (such as it does) wherever there is a tank circuit with energy than can be coupled to the carbon mike. Would like to discuss this with Harry - maybe I'll learn something.

73,
-Larry/NE1S

On 2/12/15 8:27 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
This was my first HB rig built in 1968 or '69. For the winter of '70, it was my station transmitter (80) along with an Eddystone 750 RX. It has sat neglected in a box these years.
This afternoon I dug it out of storage. After dusting it off, re-sweating a few suspect finishing nail wire tie points and measuring the filtre caps (OK), I fired it up very slowly without a pop or a bang. As well, all voltages measured as they should.
Without an antenna line series variable, the output is 3Ws. Series cap. loaded, 4Ws output. As remembered, the tone is a bit "wispy", the amount of which depending on crystal used.

Originally it had the pill bottle/trimmer cap tank, but at the first press of the key the trimmer arched. Al Brown, VE3DSM/VE3AL(SK) gave me the B&W Baby and variable as replacements.
Anyone here build one of these in the original fashion?
Recently, Harry, VE3GRO sed that loop modulation and XTAL control do not mix.
Harry seems to be right...

10954. Re: [AWA Group] Jim & Lou's B-E Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-13 12:22:50 UTC
From: Louis Vermond
Topic: 10951 Message: 10954

Very FB, Lou.

But I see know theoretical reason why loop modulation shouldn't work with XTAL-control - you'll just get (a lot) less FM-ing ("wobulation").

As I understand it, loop modulation should "work" (such as it does) wherever there is a tank circuit with energy than can be coupled to the carbon mike. Would like to discuss this with Harry - maybe I'll learn something.

Larry/NE1S

On 2/12/15 8:27 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
This was my first HB rig built in 1968 or '69. For the winter of '70, it was my station transmitter (80) along with an Eddystone 750 RX. It has sat neglected in a box these years.

This afternoon I dug it out of storage. After dusting it off, re-sweating a few suspect finishing nail wire tie points and measuring the filtre caps (OK), I fired it up very slowly without a pop or a bang. As well, all voltages measured as they should.

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Anyone here build one of these in the original fashion?

Recently, Harry, VE3GRO sed that loop modulation and XTAL control do not mix.
Harry seems to be right...

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10955. Re: [AWA Group] Jim & Lou's B-E Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-13 14:15:19 UTC
From: Niel - W0VLZ
Topic: 10951 Message: 10955

Isn't part of the reason for the success of loop modulation that
FMing/Wobulation?

(FMing/Wobulation with slope detection in the receiver) plus (any
amplitude modulation introduced by energy absorbed by the carbon mike)
=> the demodulated signal we can hear. Without the FM/Wobulation part
the signal audio from the receiver and the perceived modulation
percentage would be a lot less.

An FM signal through a true FM detector (rather than slope detection) is
much more immune to noise than an pure AM signal and AM detector. I
wonder if an AM detector + noise blanker and slope detection is any
better at noise handling than a straight AM detector with noise blanker
and pure AM signal.

73,
Niel - W0VLZ
(now back from VK and P2 land)

Larry Szendrei ne1s@... [AWAGroup] wrote:
>
> Very FB, Lou.
>
> But I see know theoretical reason why loop modulation shouldn't work
> with XTAL-control - you'll just get (a lot) less FM-ing ("wobulation").
>
> As I understand it, loop modulation should "work" (such as it does)
> wherever there is a tank circuit with energy than can be coupled to
> the carbon mike. Would like to discuss this with Harry - maybe I'll
> learn something.
>
> 73,
> -Larry/NE1S
>
>
> On 2/12/15 8:27 PM, Louis Vermond ldvermond@... [AWAGroup]
> wrote:
> This was my first HB rig built in 1968 or '69. For the winter of '70,
> it was my station transmitter (80) along with an Eddystone 750 RX. It
> has sat neglected in a box these years.
> This afternoon I dug it out of storage. After dusting it off,
> re-sweating a few suspect finishing nail wire tie points and measuring
> the filtre caps (OK), I fired it up very slowly without a pop or a
> bang. As well, all voltages measured as they should.
> Without an antenna line series variable, the output is 3Ws. Series
> cap. loaded, 4Ws output. As remembered, the tone is a bit "wispy", the

> amount of which depending on crystal used.
>
> Originally it had the pill bottle/trimmer cap tank, but at the
> first press of the key the trimmer arched. Al Brown, VE3DSM/VE3AL(SK)
> gave me the B&W Baby and variable as replacements.
> _Anyone here build one of these in the original fashion?_
> Recently, Harry, VE3GRO sed that loop modulation and XTAL control do
> not mix.
> Harry seems to be right...
>
>
>

10956. Fw: [AWA Group] Jim & Lou's B-E Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-13 14:31:25 UTC
From: Louis Vermond
Topic: 10956 Message: 10956

Lou: You'll have to forward this message to Larry and the group. I wasn't allowed to. 73, Harry

---

Hi Larry, Lou and All...

I've been wrong before, but I think I'm right on this one. It isn't that Lou's mike and loop are absorbing RF from the coil that creates the AM modulation. This effect would be negligible whether the rig were self-controlled or crystal-controlled. It works on our 1929 Hartleys and TNTs because this setup results in FM. On the receiving end, the FM signal moves back and forth across the sloped passbands of our receivers and there—in our receivers—creates the AM which eventually comes out our speakers. This is called slope detection. Check out this tutorial:

http://www.radio-electronics.com/info/rf-technology-design/fm-reception/fm-slope-detector-discriminator.php

Slope detection was of some interest in the late 40s and early 50s before SSB became popular. It was easy to FM-modulate a VFO with a handful of parts, and the sloped passbands of receivers of the day found it easy to convert the FM to AM. Nowadays, receivers have passbands with very steep sides. Great for cutting down on QRM, but no slope to convert the FM to AM. Don't expect to hear much of Lou's loop modulation on a Kenwood or Yaesu. But tune in on your old Hallicrafters, National, Collins or TMC, and he'll be there...

A final note. There's one other way to FM our 1929 Hartleys and TNTs and get our voices on the air. Shout at your tank coil. Really. Try it with someone listening on a receiver in another room. You'll be amazed...

73, Harry, VE3GRO

10957. Mk19s

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-13 14:56:31 UTC
From: dulmagedon@...
Topic: 10957 Message: 10957

I am going to ignore all the nonsense about loop wobbulation since it is based on prejudice and not knowledge or experience except to remind us that some here (prime instigators of this wobbulate opinion)were also unable to plate modulate similar transmitters without wobbulating and no one is reffering to plate modulation as wobbulation.(neither did I make a career of mocking him but understood how difficult it can be to make an early Power osc behave) I have a rock bound 3 stage loop modded TX however it is solid state and doesnt fit here. Having spent a career in research and development in another field I long ago learned popular opinion has nothing to to with facts or science. I also have a B-E on AM or had you all forgotten.
NOW
, Last month someone mentioned a pair of MK19s on kijjiji. Thank you I completed the purchase and they are being truck south as we speak. I will have to make cables to mate with my PSs but have done that before. I have no connectors but will make them I guess. I hope the sets , at least one will find a home in my shack
and will drive my 811A linear sufficiently that I can use it on the air occasionally as I do my ARC5s. I may part with the other once I am sure all is well. Turned out the owner was a friend and collegue of a couple we have lunch with every sunday. Both of them being in Guelph at the time. Thanks to who ever gave us the heads up. Delivery is supposed to be in the morning.
don

10958. Re: [AWA Group] Jim & Lou's B-E Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-13 15:39:47 UTC
From: Steve
Topic: 10956 Message: 10958

Lou - I wonder if you might get more output from your carbon microphone with a little positive (battery) voltage on it as is usually the case with carbon mikes. If so, perhaps the modulation % might increase as well.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10959. Loop modulation (was Re: [AWA Group] Mk19s)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-13 15:51:37 UTC
From: Larry Szendrei
Topic: 10957 Message: 10959

On 2/13/15 9:56 AM, dulmagedon@... [AWAGroup] wrote:
>
> I am going to ignore all the nonsense about loop wobbulation since it
> is based on prejudice and not knowledge or experience except to remind
> us that some here (prime instigators of this wobbulate opinion)were
> also unable to plate modulate similar transmitters without wobbulating
> and no one is reffering to plate modulation as wobbulation.(neither
> did I make a career of mocking him but understood how difficult it can
> be to make an early Power osc behave)
>
Don, If you are referring to my post you are prejudging me. I HAVE experimented with loop modulation, but I also like to have a theoretical understanding of why things work. Why should you take offense to that? I wish you wouldn't. I think the all stuff you're playing with is great and enjoy reading about your "exploits."

As far as the "wobbulation" term goes, I'm not using the term as a derogatory one, just as a somewhat humorous term describing incidental FM on an AM signal. And when I did experiment with loop-modulation my Hartley (which is quite clean and stable with plate modulation*) I had no perceivable AM, only FM. I know this by looking at the modulation envelope display in the scope (there was none, only a carrier) and I could not hear any modulation with a monitor receiver tuned directly on frequency, but I heard plenty when I was tuned either high or low off-frequency. That says "FM" to me, as that's how you slope-detect an FM signal. These were my results, I am not saying yours are the same, because unfortunately I have never heard yours.

*I have posted sound files of my plate-modulated Harley signal here before, with and without a beat signal, the latter which shows that the FM component, while present, is barely detectable.

Come on, let's be friends!

73,
-Larry/NE1S

10960. Re: [AWA Group] Jim & Lou's B-E Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-13 16:00:46 UTC
From: Larry Szendrei
Topic: 10951 Message: 10960

Comments below.

73,
-Larry/NE1S

On 2/13/15 9:15 AM, Niel - W0VLZ w0vlz@... [AWAGroup] wrote:
> Isn't part of the reason for the success of loop modulation that
> FMing/Wobulation?

I don't know, but I believe it was applied to output tanks of MOPA rigs as well as oscillators. It's called "absorption modulation) because the carbon mike element absorbs energy from the tank circuit, and it does so at an audio rate when the mike is spoken into. Thus, it should generate some AM, although I don't think very high percentages of modulation can be achieved except at very low power. Of course, with an oscillator, FM is also produced, and from my attempts, the FM dominated and AM wasn't detectable.
>
> (FMing/Wobulation with slope detection in the receiver) plus (any
> amplitude modulation introduced by energy absorbed by the carbon mike)
> => the demodulated signal we can hear. Without the FM/Wobulation part
> the signal audio from the receiver and the perceived modulation
> percentage would be a lot less.

Yep, that was my experience. I should try loop-modulating the output tank of a multi-stage rig and see what I get.
> An FM signal through a true FM detector (rather than slope detection) is
> much more immune to noise than an pure AM signal and AM detector. I
> wonder if an AM detector + noise blanker and slope detection is any
> better at noise handling than a straight AM detector with noise blanker
> and pure AM signal.
>
>
Perhaps.

10961. RE: [AWA Group] Jim & Lou's B-E Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-13 16:02:42 UTC
From: Mike Feher
Topic: 10956 Message: 10961

Steve -

I am not sure that will help. As you know, a carbon mike is nothing more than a transducer whose output resistance varies with sound pressure. In loop modulation, you are coupling what is essentially an almost shorted turn to the output tank. If it was totally shorted, the coupled loop, the maximum amount of energy will be dissipated within the loop, taking that amount away from the total output. Of course, with non-crystal controlled rigs, this will also shift the output frequency. If the loop is left open, then nothing will happen, other than what the static parasitic capacitance effects may introduce. When the carbon mike is introduced, you are someplace between the shorted and the open case, and, changing that amount by your speech. Inserting a battery will not change anything, as it will just act like a short to the RF (like inserting a piece of wire in the loop), however, like you say, it will also bias the mike, which in this case I am not sure is a good idea. Additionally, the battery voltage, plus the RF power, will probably make the mike hotter. I believe what would help the most id to find a carbon mike that changes the most resistance during speech, with high volumes creating the lowest possible resistance, hence maximum absorption.
73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

-----Original Message-----
From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, February 13, 2015 10:40 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Jim & Lou's B-E Transmitter

Lou - I wonder if you might get more output from your carbon microphone with a little positive (battery) voltage on it as is usually the case with carbon mikes. If so, perhaps the modulation % might increase as well.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":

http://ve7sl.blogspot.ca/

Yahoo Groups Links

10962. Re: [AWA Group] Jim & Lou's B-E Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-13 16:14:30 UTC
From: Steve
Topic: 10956 Message: 10962

> I am not sure that will help.

Thanks MIke. I know little about carbon microphones but had thought perhaps by getting more current flowing in the mike circuit that it would produce a stronger field current in the loop....'twer just a guess :-)

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10963. Re: [AWA Group] Jim & Lou's B-E Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-13 16:21:03 UTC
From: Larry Szendrei
Topic: 10956 Message: 10963

Yes, I agree with all that, Mike.

I might add that since a carbon mike is nothing more than a carbon resistor whose resistance changes with sound pressure, the carbon mike can be thought of as a dummy load when coupled to a tank coil via a turn or two of coil. Talking into the mike varies the loading of RF energy into the mike at an audio rate, thus the amount of energy absorbed by the mike, hence the term "absorption modulation.

A DC bias current through the mike is only necessary when you are trying to produce an audio signal voltage that can then be amplified electronically.

73,
-Larry/NE1S

On 2/13/15 11:02 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Steve -
>
> I am not sure that will help. As you know, a carbon mike is nothing more
> than a transducer whose output resistance varies with sound pressure. In
> loop modulation, you are coupling what is essentially an almost
> shorted turn
> to the output tank. If it was totally shorted, the coupled loop, the
> maximum
> amount of energy will be dissipated within the loop, taking that
> amount away
> from the total output. Of course, with non-crystal controlled rigs, this
> will also shift the output frequency. If the loop is left open, then
> nothing
> will happen, other than what the static parasitic capacitance effects may
> introduce. When the carbon mike is introduced, you are someplace
> between the
> shorted and the open case, and, changing that amount by your speech.
> Inserting a battery will not change anything, as it will just act like a
> short to the RF (like inserting a piece of wire in the loop), however,
> like
> you say, it will also bias the mike, which in this case I am not sure is a
> good idea. Additionally, the battery voltage, plus the RF power, will
> probably make the mike hotter. I believe what would help the most id
> to find
> a carbon mike that changes the most resistance during speech, with high
> volumes creating the lowest possible resistance, hence maximum absorption.
> 73 - Mike
>

10964. RE: [AWA Group] Jim & Lou's B-E Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-13 16:23:28 UTC
From: Mike Feher
Topic: 10956 Message: 10964

Exactly Larry - DC is necessary when the carbon mike is transformer coupled to an audio stage. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, February 13, 2015 11:21 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Jim & Lou's B-E Transmitter

Yes, I agree with all that, Mike.

I might add that since a carbon mike is nothing more than a carbon resistor whose resistance changes with sound pressure, the carbon mike can be thought of as a dummy load when coupled to a tank coil via a turn or two of coil. Talking into the mike varies the loading of RF energy into the mike at an audio rate, thus the amount of energy absorbed by the mike, hence the term "absorption modulation.

A DC bias current through the mike is only necessary when you are trying to produce an audio signal voltage that can then be amplified electronically.

73,
-Larry/NE1S

On 2/13/15 11:02 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

Steve -

I am not sure that will help. As you know, a carbon mike is nothing more than a transducer whose output resistance varies with sound pressure. In loop modulation, you are coupling what is essentially an almost shorted turn to the output tank. If it was totally shorted, the coupled loop, the maximum amount of energy will be dissipated within the loop, taking that amount away from the total output. Of course, with non-crystal controlled rigs, this will also shift the output frequency. If the loop is left open, then nothing will happen, other than what the static parasitic capacitance effects may introduce. When the carbon mike is introduced, you are someplace between the shorted and the open case, and, changing that amount by your speech. Inserting a battery will not change anything, as it will just act like a short to the RF (like inserting a piece of wire in the loop), however, like you say, it will also bias the mike, which in this case I am not sure is a

good idea. Additionally, the battery voltage, plus the RF power, will probably make the mike hotter. I believe what would help the most id to find a carbon mike that changes the most resistance during speech, with high volumes creating the lowest possible resistance, hence maximum absorption.
73 - Mike

10965. eBay Alert C condx

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-14 16:02:57 UTC
From: Louis Vermond
Topic: 10965 Message: 10965

http://www.ebay.com/itm/Vintage-National-Ham-Radio-Receiver-Model-NC-57-SUPER-CLEAN-/261767456368?pt=LH_DefaultDomain_0&hash=item3cf28e6670

...but why would the line cord be cut?

10966. eBay Alert Yes yes, but see what u get...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-14 16:06:10 UTC
From: Louis Vermond
Topic: 10966 Message: 10966

http://www.ebay.com/itm/National-HRO-Velvet-Vernier-Dial-Type-B-Multi-Speed-C-MY-OTHER-HAM-RADIO-GEAR-/171673784628?pt=LH_DefaultDomain_0&hash=item27f88e1134

10967. Re: [AWA Group] eBay Alert Yes yes, but see what u get...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-14 16:19:25 UTC
From: Roger Kuchera
Topic: 10966 Message: 10967

What sort of cigarettes is he smoking?
Roger.

On Saturday, February 14, 2015 11:06 AM, "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

http://www.ebay.com/itm/National-HRO-Velvet-Vernier-Dial-Type-B-Multi-Speed-C-MY-OTHER-HAM-RADIO-GEAR-/171673784628?pt=LH_DefaultDomain_0&hash=item27f88e1134

10968. WOW! And free shipping too!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-14 17:09:55 UTC
From: K3PID
Topic: 10968 Message: 10968

Is this because they legalized pot?

http://www.ebay.com/itm/PAIR-2-Type-F-203-UX245-PHILIPS-TUBE-TOP-RARE-GLOBE-TRIODE-FINAL-STAGE-POWER-/231335806514?pt=LH_DefaultDomain_0&hash=item35dcb04632

Ron K3PID

10969. RE: [AWA Group] eBay Alert C condx

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-14 17:06:04 UTC
From: Steve Flood
Topic: 10965 Message: 10969

...but why would the line cord be cut?

All dressed up on the outside, including what appear to be KE9PQ dial knob inlays.

I would guess that the inner workings have not had any work.

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

10970. 630m Crossband Tonight

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-14 17:40:24 UTC
From: Steve
Topic: 10970 Message: 10970

Just a reminder about the 630m crossband activity night this evening. There have been two updates to the plan:

VE7SL will start one hour later than originally planned and
John, VE7BDQ, will be listening on both 160m and 80m
QSX frequencies for callers.

The frequencies will be:

VE7SL TX 473.00KHz; QSX (listening) 1808KHz (160m) and 3535KHz (80m)

VE7BDQ TX 474.00KHz; QSX (listening) 1813KHz (160m) and 3532KHz (80m)

John will operate from 0200Z (1800 PST) - 0700Z (2300 PST) while I will start one hour later.

Both stations will call several CQs at the top of each
hour segment, at full eirp, and listen for any callers on the specified calling frequencies.

The last time this was done, transcontinental contacts were
completed ... hopefully conditions will continue to co-operate
and propagation will be good tonight.

We both hope to work you tonight!

73 - Steve / VE7SL

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

10971. Re: [AWA Group] eBay Alert C condx

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-14 17:56:17 UTC
From: Roger Kuchera
Topic: 10965 Message: 10971

A guess would be to force the issue of installing a 3-wire AC cord. It beats the old "smoke and flame" test!

Roger.

On Saturday, February 14, 2015 12:34 PM, "'Steve Flood' kk7uv@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

...but why would the line cord be cut?

All dressed up on the outside, including what appear to be KE9PQ dial knob inlays. I would guess that the inner workings have not had any work.

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com/

10972. Re: [AWA Group] eBay Alert Yes yes, but see what u get...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-14 19:51:35 UTC
From: Steve
Topic: 10966 Message: 10972

and where does the 'HRO' part come in??

http://www.ebay.com/itm/National-HRO-Velvet-Vernier-Dial-Type-B-Multi-Speed-C-MY-OTHER-HAM-RADIO-GEAR-/171673784628?pt=LH_DefaultDomain_0&hash=item27f88e1134

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

10973. Re: [AWA Group] eBay Alert C condx

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-14 20:24:48 UTC
From: Louis Vermond
Topic: 10965 Message: 10973

Tks Roger. Anyway, it's a beauty...

----- Original Message -----
From: Roger Kuchera rwkuchera@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-02-14 12:56 PM
Subject: Re: [AWA Group] eBay Alert C condx

A guess would be to force the issue of installing a 3-wire AC cord. It beats the old "smoke and flame" test!

Roger.

On Saturday, February 14, 2015 12:34 PM, "'Steve Flood' kk7uv@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

...but why would the line cord be cut?

All dressed up on the outside, including what appear to be KE9PQ dial knob inlays. I would guess that the inner workings have not had any work.

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com/

10974. Re: [AWA Group] eBay Alert Yes yes, but see what u get...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-14 20:23:48 UTC
From: Louis Vermond
Topic: 10966 Message: 10974

He's an old hand knowing how to pad a description.

If anyone here is collecting parts for ur Masterwork '20-30s regen, get it!, but ask questions. With this, ask that he turn the dual scale fully looking for signs that the paper scale disk has lifted off the brass disk backing.

But you knew all that... :0)
----- Original Message -----
From: 'Steve' ve7sl@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-02-14 2:51 PM
Subject: Re: [AWA Group] eBay Alert Yes yes, but see what u get...

and where does the 'HRO' part come in??

http://www.ebay.com/itm/National-HRO-Velvet-Vernier-Dial-Type-B-Multi-Speed-C-MY-OTHER-HAM-RADIO-GEAR-/171673784628?pt=LH_DefaultDomain_0&hash=item27f88e1134

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Yahoo Groups Links

10975. Re: [AWA Group] eBay Alert C condx

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-14 20:26:39 UTC
From: Louis Vermond
Topic: 10965 Message: 10975

... KE9PQ dial knob inlays. What? So this is not a creampuff?

10976. OT: What has happened to Radio?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-15 01:42:59 UTC
From: Ron Barlow
Topic: 10949 Message: 10976

Hi Eddy,
The only worthwhile (IMHO) AM station that I can hear at night, from my home QTH, is none other than CFZM! FM is a complete wasteland around here! (again, IMO)

73 de Ron n4gjv

On Wed, 2/11/15, Eddy Swynar deswynar@xplornet.ca [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] OT: What has happened to Radio?
To: AWAGroup@yahoogroups.com
Date: Wednesday, February 11, 2015, 9:20 PM

On 2015-02-11, at
7:38 PM, 'K3PID' ron.k3pid@...
[AWAGroup] wrote:

I have been listening to AM radio while at the GYM. No
kidding, it was 50
minutes of commercials interrupted by occasional sports and
weather and almost
always the sports and weather lead into another commercial!
They even
interrupted commercials for commercials! I remember as a
teenager listening for
hours to the likes of KDKA, WLS, WBZ, and of course 77 WABC
but I don’t remember
such commercialism!

Sorry! I guess I am just old!
Ron K3PID

Hi
Ron,
Yes, how very true---and they want
to kill commercial-free CBC Canada radio here, & replace
it with all that commercialized drivel. They have
NO idea what they're wishing for,
but may well get it, in their lack of
care...
~73~ de Eddy VE3CUI -
VE3XZ
PS: AM info radio newscast:
"We have just been advised that
World War 3 has been declared---I repeat, World War 3 has
just been declared! Details right after these brief messages

from our commercial sponsors (break). Folks, are embarrassed by the heart break of yellow teeth whenever you smile...?"

10977. Re: [AWA Group] OT: What has happened to Radio?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-15 15:32:53 UTC
From: Eddy Swynar
Topic: 10949 Message: 10977

On 2015-02-14, at 8:42 PM, Ron Barlow imalowfer@... [AWAGroup] wrote:

> Hi Eddy,
> The only worthwhile (IMHO) AM station that I can hear at night, from my home QTH, is none other than CFZM! FM is a complete wasteland around here! (again, IMO)
>
> 73 de Ron n4gjv

Hi Ron,

I doubt if you're in range---except, maybe, at night time---but you might try "Zoomer" radio, from Toronto, on AM 740-KHz...

It's the flag ship station of the legendary Canadian broadcaster Moses Znaimer, & it caters specifically to us of the more "...mature crowd"(!).

I think you'd like it: on Saturdays they feature a "...legends of stardom" segment, where the host chronicles the early years of 3 greats: yesterday those ranks included Frank Sinatra, & Elvis Presley. They feature some of the more early, obscure songs of those featured, as well...

Good radio, no matter...!

~73~ de Eddy VE3CUI - VE3XZ

10978. Re: [AWA Group] OT: What has happened to Radio?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-15 18:05:42 UTC
From: K3PID
Topic: 10949 Message: 10978

Thanks Eddy, I'll give a listen. We have a local station that is along the same lines and they even play request. As for the "big AM guns" like WCCO, I understand that the economics require commercials but when there is no significant "other" content it may have gone too far! As Ron pointed out the FM spectrum is pretty much shot as well...

Ron K3PID

From: mailto:AWAGroup@yahoogroups.com
Sent: Sunday, February 15, 2015 9:32 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] OT: What has happened to Radio?

On 2015-02-14, at 8:42 PM, Ron Barlow imalowfer@... [AWAGroup] wrote:

Hi Eddy,
The only worthwhile (IMHO) AM station that I can hear at night, from my home QTH, is none other than CFZM! FM is a complete wasteland around here! (again, IMO)

73 de Ron n4gjv

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I think you'd like it: on Saturdays they feature a "...legends of stardom" segment, where the host chronicles the early years of 3 greats: yesterday those ranks included Frank Sinatra, & Elvis Presley. They feature some of the more early, obscure songs of those featured, as well...

Good radio, no matter...!

~73~ de Eddy VE3CUI - VE3XZ

10979. Re: [AWA Group] OT: What has happened to Radio?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-16 03:27:22 UTC
From: Ron Barlow
Topic: 10949 Message: 10979

Hi Eddy,
Thank you for the tips! Note, however, that we are talking about the same station. CFZM are the official call letters of good old "AM 740"/"Zoomer redio".
Fortunately, I can often hear it well, down here, but with QSB--On some occasions, beginning well before sundown, during winter afternoons. Co-channel interference from an Oklahoma station can readily be eliminated, if I able to use a rx that has a loop antenna.
Zoomer Radio is also available via streaming audio, on the internet.
My favorite program is Sat Night Bandstand, and I also enjoy some of the old time radio shows.
I will make a point of looking for that Sat afternoon show, Eddy!
Thanks & vy 73 de Ron

PS; I hope that this note is understandable--I have a serious dose of flu & I am using meds.

On Sun, 2/15/15, Eddy Swynar deswynar@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] OT: What has happened to Radio?
To: AWAGroup@yahoogroups.com
Date: Sunday, February 15, 2015, 10:32 AM

On 2015-02-14, at 8:42 PM, Ron
Barlow imalowfer@yahoo.com
[AWAGroup] wrote:

Hi Eddy,

The only worthwhile (IMHO) AM station that I can hear at
night, from my home QTH, is none other than CFZM! FM is a
complete wasteland around here! (again, IMO)

73 de Ron n4gjv
Hi
Ron,
I doubt if you're in
range---except, maybe, at night time---but you might try
"Zoomer" radio, from Toronto, on AM
740-KHz...
It's the flag ship station of
the legendary Canadian broadcaster Moses Znaimer, & it
caters specifically to us of the more
"...mature crowd"(!).
I think you'd like it: on
Saturdays they feature a "...legends of stardom"
segment, where the host chronicles the early years of 3
greats: yesterday those ranks included Frank Sinatra, &

Elvis Presley. They feature some of the more early, obscure songs of those featured, as well...
Good radio, no matter...!
~73~ de Eddy VE3CUI - VE3XZ

10980. Re: [AWA Group] OT: What has happened to Radio?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-16 13:44:46 UTC
From: Eddy Swynar
Topic: 10949 Message: 10980

On 2015-02-15, at 10:27 PM, Ron Barlow imalowfer@... [AWAGroup] wrote:

> Hi Eddy,
> Thank you for the tips! Note, however, that we are talking about the same station. CFZM are the official call letters of good old "AM 740"/"Zoomer redio".
> Fortunately, I can often hear it well, down here, but with QSB--On some occasions, beginning well before sundown, during winter afternoons. Co-channel interference from an Oklahoma station can readily be eliminated, if I able to use a rx that has a loop antenna.
> Zoomer Radio is also available via streaming audio, on the internet.
> My favorite program is Sat Night Bandstand, and I also enjoy some of the old time radio shows.
> I will make a point of looking for that Sat afternoon show, Eddy!
> Thanks & vy 73 de Ron
>
> PS; I hope that this note is understandable--I have a serious dose of flu & I am using meds.
>
>

Hi Ron,

Small world, isn't it...?!

Oh well. The only thing that might make Zoomer radio competitive with the CBC, would be if there were no commercials on it...! Not likely to happen, though...

Hope you might get over your cold / flu there soon: I sometimes have "understandability" issues here, too---and I'm not even on any flu medications...! Hi Hi

~73~ de Eddy VE3CUI - VE3XZ

10981. Re: [AWA Group] OT: What has happened to Radio?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-16 13:57:09 UTC
From: Roger Kuchera
Topic: 10949 Message: 10981

Hi guys,
All this talk about old time radio brings a few memories back. I remember listening to the likes of XERF, CKLW but especially Radio Luxembourg. They had the best rock & roll before most of stations stateside did. I was on a USN tincan floating around the Med. in the late 50s/early 60s. How about WWVA and WOWO?

Roger/K1TG

On Monday, February 16, 2015 8:44 AM, "Eddy Swynar deswynar@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

On 2015-02-15, at 10:27 PM, Ron Barlow imalowfer@...m [AWAGroup] wrote:

>Hi Eddy,
>Thank you for the tips! Note, however, that we are talking about the same station. CFZM are the official call letters of good old "AM 740"/"Zoomer redio".
>Fortunately, I can often hear it well, down here, but with QSB--On some occasions, beginning well before sundown, during winter afternoons. Co-channel interference from an Oklahoma station can readily be eliminated, if I able to use a rx that has a loop antenna.
>Zoomer Radio is also available via streaming audio, on the internet.
>My favorite program is Sat Night Bandstand, and I also enjoy some of the old time radio shows.
>I will make a point of looking for that Sat afternoon show, Eddy!
>Thanks & vy 73 de Ron
>
>PS; I hope that this note is understandable--I have a serious dose of flu & I am using meds.
>

Hi Ron,

Small world, isn't it...?!

Oh well. The only thing that might make Zoomer radio competitive with the CBC, would be if there were no commercials on it...! Not likely to happen, though...

Hope you might get over your cold / flu there soon: I sometimes have "understandability" issues here, too---and I'm not even on any flu medications...! Hi Hi

~73~ de Eddy VE3CUI - VE3XZ

10982. RE: [AWA Group] OT: What has happened to Radio?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-16 15:01:43 UTC
From: Mike Feher
Topic: 10949 Message: 10982

Certainly remember WOWO as I went to college in Fort Wayne and lived there for almost 10 years. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, February 16, 2015 8:57 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] OT: What has happened to Radio?

Hi guys,

All this talk about old time radio brings a few memories back. I remember listening

to the likes of XERF, CKLW but especially Radio Luxembourg. They had the best

rock & roll before most of stations stateside did. I was on a USN tincan floating around

the Med. in the late 50s/early 60s. How about WWVA and WOWO?

Roger/K1TG

10983. Re: [AWA Group] Digest Number 1494

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-16 15:14:01 UTC
From: Joe Cro
Topic: 10983 Message: 10983

AWAGroupHello Eddie and others,
Just a FYI: I'm a big fan of "Zoomer Radio" and listen to AM 740 whenever possible here in the Philadelphia,Pennsylvania area. I usually have a 5x5 to S9+20 over copy on the station. They play music that is more attuned to our age group, that we remember from our childhood etc. It is mt favorite broadcast radio station on the AM or FM dial! I listen to it on everything from a ruby red Zenith "Royal 500" transistor portable that I own to a 1921 Colin B. Kennedy model 110 Universal with a Western Electric model 10D "Loudspeaking Unit" horn attached to it.

I like the variety in shows they offer as well as some of the political commentary interjected from time to time from our good neighbors to the north! If you haven't listened to it , give it a try sometime. I particularly like to listen to it whilist sniffing solder fumes when doing a restoration project. If I sniff those fumes without a project at hand I get too high - HI!

Mod-U-later,
Joe Cro N3IBX

----- Original Message -----
From: AWAGroup@yahoogroups.com
To: AWAGroup@yahoogroups.com
Sent: Monday, February 16, 2015 5:52 AM
Subject: [AWA Group] Digest Number 1494

AWAGroup Group
3 Messages Digest #1494 1a Re: OT: What has happened to Radio? by "Eddy Swynar" ve3wireless 1b Re: OT: What has happened to Radio? by "K3PID" k3pid 1c Re: OT: What has happened to Radio? by "Ron Barlow" imalowfer
Messages
1a Re: OT: What has happened to Radio? Sun Feb 15, 2015 8:29 am (PST) . Posted by: "Eddy Swynar" ve3wireless
On 2015-02-14, at 8:42 PM, Ron Barlow imalowfer@yahoo.com [AWAGroup] wrote:

> Hi Eddy,
> The only worthwhile (IMHO) AM station that I can hear at night, from my home QTH, is none other than CFZM! FM is a complete wasteland around here! (again, IMO)
>
> 73 de Ron n4gjv

Hi Ron,

I doubt if you're in range---except, maybe, at night time---but you might try "Zoomer" radio, from Toronto, on AM 740-KHz...

It's the flag ship station of the legendary Canadian broadcaster Moses Znaimer, & it caters specifically to us of the more "...mature crowd"(!).

I think you'd like it: on Saturdays they feature a "...legends of stardom" segment, where the host chronicles the early years of 3 greats: yesterday those ranks included Frank Sinatra, & Elvis Presley. They feature some of the more early, obscure songs of those featured, as well...

Good radio, no matter...!

~73~ de Eddy VE3CUI - VE3XZ Reply to sender . Reply to group . Reply via Web Post . All Messages (6) . Top ^ 1b Re: OT: What has happened to Radio? Sun Feb 15, 2015 10:05 am (PST) . Posted by: "K3PID" k3pid Thanks Eddy, I'll give a listen. We have a local station that is along the same lines and they even play request. As for the "big AM guns" like WCCO, I understand that the economics require commercials but when there is no significant "other" content it may have gone too far! As Ron pointed out the FM spectrum is pretty much shot as well...

Ron K3PID

From: mailto:AWAGroup@yahoogroups.com
Sent: Sunday, February 15, 2015 9:32 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] OT: What has happened to Radio?

On 2015-02-14, at 8:42 PM, Ron Barlow imalowfer@... [AWAGroup] wrote:

Hi Eddy,
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Good radio, no matter...!

~73~ de Eddy VE3CUI - VE3XZ
Reply to sender . Reply to group . Reply via Web Post . All Messages (6) . Top ^ 1c Re: OT: What has happened to Radio? Sun Feb 15, 2015 7:27 pm (PST) . Posted by: "Ron Barlow" imalowfer Hi Eddy,
Thank you for the tips! Note, however, that we are talking about the same station. CFZM are the official call letters of good old "AM 740"/"Zoomer redio".
Fortunately, I can often hear it well, down here, but with QSB--On some occasions, beginning well before sundown, during winter afternoons. Co-channel interference from an Oklahoma station can readily be eliminated, if I able to use a rx that has a loop antenna.

Zoomer Radio is also available via streaming audio, on the internet.
My favorite program is Sat Night Bandstand, and I also enjoy some of the old time radio shows.
I will make a point of looking for that Sat afternoon show, Eddy!
Thanks & vy 73 de Ron

PS; I hope that this note is understandable--I have a serious dose of flu & I am using meds.

On Sun, 2/15/15, Eddy Swynar deswynar@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] OT: What has happened to Radio?
To: AWAGroup@yahoogroups.com
Date: Sunday, February 15, 2015, 10:32 AM

On 2015-02-14, at 8:42 PM, Ron
Barlow imalowfer@...
[AWAGroup] wrote:

Hi Eddy,

The only worthwhile (IMHO) AM station that I can hear at
night, from my home QTH, is none other than CFZM! FM is a
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range---except, maybe, at night time---but you might try
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the legendary Canadian broadcaster Moses Znaimer, & it
caters specifically to us of the more
"...mature crowd"(!).
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Saturdays they feature a "...legends of stardom"
segment, where the host chronicles the early years of 3
greats: yesterday those ranks included Frank Sinatra, &
Elvis Presley. They feature some of the more early, obscure
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Good radio, no
matter...!
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VE3XZ

Reply to sender . Reply to group . Reply via Web Post . All Messages (6) . Top ^ Visit Your Group a.. New Photos 1
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10984. Re: [AWA Group] OT: What has happened to Radio?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-16 17:15:37 UTC
From: Eddy Swynar
Topic: 10949 Message: 10984

On 2015-02-16, at 8:57 AM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:

>
> Hi guys,
> All this talk about old time radio brings a few memories back. I remember listening
> to the likes of XERF, CKLW but especially Radio Luxembourg. They had the best
> rock & roll before most of stations stateside did. I was on a USN tincan floating around
> the Med. in the late 50s/early 60s. How about WWVA and WOWO?
>
> Roger/K1TG

Hi Roger,

Just like I remember the excitement & wonder of shortwave listening back when I first got my 3rd hand S-77A in 1969: the toll of Big Ben on the BBC broadcasts, the triumphant horns blaring from Radio Tirana, the "Yankee Doodle Dandy" theme from the VOA, etc. etc. etc.

Now all I ever hear is Radio Peking, right-wing political diatribes, & religious stations.

SWL'ing: R.I.P.

~73~ de Eddy VE3CUI - VE3XZ

10985. Re: [AWA Group] OT: What has happened to Radio?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-16 18:07:29 UTC
From: Roger Kuchera
Topic: 10949 Message: 10985

Or how about the "Laughing Jackass" of Radio Australia!

Roger.

On Monday, February 16, 2015 12:15 PM, "Eddy Swynar deswynar@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

On 2015-02-16, at 8:57 AM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:

>
>
>Hi guys,
> All this talk about old time radio brings a few memories back. I remember listening
>to the likes of XERF, CKLW but especially Radio Luxembourg. They had the best
>rock & roll before most of stations stateside did. I was on a USN tincan floating around
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Now all I ever hear is Radio Peking,right-wing political diatribes, & religious stations.

SWL'ing: R.I.P.

~73~ de Eddy VE3CUI - VE3XZ

10986. Hammarlund info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-16 22:37:53 UTC
From: Roger Kuchera
Topic: 10986 Message: 10986

Hello guys,
Has anyone in our august body got any dope on a Hammarlund CH-8 choke? Pix or data would be helpful. Thanks.

Roger/K1TG

10987. Re: [AWA Group] Hammarlund info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-16 22:48:56 UTC
From: Steve
Topic: 10986 Message: 10987
Attachments: 1 described; binary payloads are missing from this source WARC

not sure but I believe this is it...8mH

Steve

> Hello guys,
> Has anyone in our august body got any dope on a Hammarlund CH-8 choke?
> Pix or
> data would be helpful. Thanks.
>
> Roger/K1TG

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

10988. Re: [AWA Group] Hammarlund info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-16 23:20:44 UTC
From: Louis Vermond
Topic: 10986 Message: 10988
Attachments: 2 described; binary payloads are missing from this source WARC

Has anyone in our august body got any dope on a Hammarlund CH-8 choke? Pix or data would be helpful. Thanks.

de 1938 Handbook

10989. Re: [AWA Group] Hammarlund info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-16 23:46:47 UTC
From: K3PID
Topic: 10986 Message: 10989
Attachments: 2 described; binary payloads are missing from this source WARC

What is ULTRA-S.W.? I thought it was interesting when Radio Moscow started playing Midnight In Moscow – by Kenny Ball and his Jazzmen for their bumper music...

Ron K3PID

From: mailto:AWAGroup@yahoogroups.com
Sent: Monday, February 16, 2015 5:20 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Hammarlund info needed

Has anyone in our august body got any dope on a Hammarlund CH-8 choke? Pix or data would be helpful. Thanks.

de 1938 Handbook

10990. Re: [AWA Group] Hammarlund info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-16 23:58:33 UTC
From: Louis Vermond
Topic: 10986 Message: 10990

What is ULTRA-S.W.? By '38, 5 Metres.

10991. background test

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-18 00:41:29 UTC
From: Louis Vermond
Topic: 10991 Message: 10991
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

10992. Re: [AWA Group] Hammarlund info needed [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-18 05:08:21 UTC
From: Roger Kuchera
Topic: 10986 Message: 10992

Yup! That's the one. Thanks for the scoop. Where in the world did you dig that one up?

Roger/K1TG

On Monday, February 16, 2015 5:49 PM, "'Steve' ve7sl@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

not sure but I believe this is it...8mH

Steve

> Hello guys,
> Has anyone in our august body got any dope on a Hammarlund CH-8 choke?
> Pix or
> data would be helpful. Thanks.
>
> Roger/K1TG

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

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Yahoo Groups Links

https://info.yahoo.com/legal/us/yahoo/utos/terms/

10993. Re: [AWA Group] Hammarlund info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-18 05:38:05 UTC
From: Roger Kuchera
Topic: 10986 Message: 10993

How in the world did I miss that? Durrrrr.

Roger.

On Wednesday, February 18, 2015 12:08 AM, "Roger Kuchera rwkuchera@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Yup! That's the one. Thanks for the scoop. Where in the world did you dig that one up?

Roger/K1TG

On Monday, February 16, 2015 5:49 PM, "'Steve' ve7sl@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

not sure but I believe this is it...8mH

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Yahoo Groups Links

10994. New toys

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-18 13:32:50 UTC
From: dulmagedon@...
Topic: 10994 Message: 10994

I scored the pair of No 19 wireless sets mentioned here after no one else wanted them. They arrived. One is a MKII Canadian built by Northern Electric in Montreal and the other is a MKIII with no case and the Tx output tubes missing (A set an 807 and B set a 6v6) A and B refers to the A being the HF set 2 to 8 mc in two bands and B set a 235mcs VHF low power rig. (Maybe future 220Mc AM rig) The second uncased set was pretty ruogh looking and looked like it had been in water but closer inspection revealed it was very superficial and only on the chassis outside. Inside was spotless so I treated it to a rough sand and a coating of molassess on the offending rust to see if it will come clean. Molasses is sometimes used in antique engine recoverrys for severely rusted parts. I have the pinouts and I have a vibrator 12volt battery supply so I may get brave and power up the "good" sets recvr today. Need 12volts and 275v approx which the vibrator supply has. They are not a pretty set and I am not real big on the dual language lettering (Russian and English) as they were made in Canada for the lend lease program during the "big one" I will probably tape the Russian over. I am sure I wont be the first to do so. Anyway for those not familiar these are transceivers of low power , around 8 watts I think AM (actual grid modulated)(and also MCW and CW on the HF side only) which I think might be enough to drive my HB twin 811A linear into a more reasonable power range. Maybe 20 or 30 watts plus. Wow!
The damaged radio may get a 6146 in place of its missing 807. At least for a trysee with a HB adapter socket. What could that heurt? The good set has a very low serial number so is probably well before 1941. Also being a Canadian MkII production is early anyway.
don

10995. Re: New toys

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-18 13:50:02 UTC
From: dulmagedon@...
Topic: 10994 Message: 10995
Attachments: 1 described; binary payloads are missing from this source WARC

Not an attractive radio
don

10996. RE: [AWA Group] Re: New toys [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-18 14:17:40 UTC
From: Mike Feher
Topic: 10994 Message: 10996

I always liked my 19 set and had a lot of fun and many QSOs with it. Growing up in Communist Hungary, I thought the Cyrillic writing on it was neat. I also have a lot of German WWII radios. Should I white out all of the labeling because of Hitler? I found that people in general are nice all over the world, with of course exceptions, but, it is the leaders and their agenda that create hate and turmoil. I remember even in Hungary as a young child when I used to walk by some of the Russian barracks, the Russian soldiers were always nice to me (gave me fruits or even candy) and the other kids. The poor bastards had families and kids of their own, and here they were in Hungary because they were told to be.
73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, February 18, 2015 8:50 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: New toys [1 Attachment]

Not an attractive radio
don

’---

10997. RE: [AWA Group] Re: New toys [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-18 14:45:36 UTC
From: dulmagedon@...
Topic: 10994 Message: 10997

I don't dislike the people. I speak several languages although Russian isnt one of them. However in your case I can see it would be fine. Most of my HBs are labeled "auf Deutsch." Otherwise Canadian English. Lots of folks would be offended by the Deutsch too but I understand that. The Russian means not that same to me. In fact nothing so I would prefer it wasn't there. My radio, my boat and I am captain.
Do you still have a No 19 set? Did you run it barefoot or with an amp?
don

10998. RE: [AWA Group] Re: New toys

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-18 14:53:37 UTC
From: Mike Feher
Topic: 10994 Message: 10998

Don –

Yes, I still have it, however it is down in the basement. I have the complete unit including the power supply the original headsets and microphone and control boxes and so on. I just used to run it barefoot. It only puts out about 2 to 3 watts on AM, but, I was able to work all over with it. It is a fun rig to use once one gets used to it.

I can still understand and speak Hungarian, but, not well. I was 11 when we came here and lost a year of school because I could not speak English. I did have 2 years of mandatory Russian in school there, but, I do not remember any of it. As kids, our contribution to the revolution was to burn our Russian books, HI. 73 – Mike

73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, February 18, 2015 9:46 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Re: New toys

I don't dislike the people. I speak several languages although Russian isnt one of them. However in your case I can see it would be fine. Most of my HBs are labeled "auf Deutsch." Otherwise Canadian English. Lots of folks would be offended by the Deutsch too but I understand that. The Russian means not that same to me. In fact nothing so I would prefer it wasn't there. My radio, my boat and I am captain.
Do you still have a No 19 set? Did you run it barefoot or with an amp?
don

10999. RE: [AWA Group] background test

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-18 17:39:19 UTC
From: Mike Feher
Topic: 10991 Message: 10999
Attachments: 1 described; binary payloads are missing from this source WARC

This is on the cover of the June 1920 QST. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, February 17, 2015 7:41 PM
To: AWAGroup
Subject: [AWA Group] background test

11000. Re: [AWA Group] Hammarlund info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-18 17:40:02 UTC
From: STEVE MCDONALD
Topic: 10986 Message: 11000

>Yup! That's the one. Thanks for the scoop. Where in the world did you dig that one up?

e-bay, several years

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11001. RE: [AWA Group] Re: New toys

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-18 19:29:52 UTC
From: dulmagedon@...
Topic: 10994 Message: 11001

I am happy to report the receiver works very well. In fact makes my HR10B hide in a corner. I will try the TX tomorrow probably on 1/2 power since I have that easily available off my old vibrator supply. I wonder why an 807 is so low in output. I guess power was not the main goal. I have several carbon mics. Is that right for R/T?
I dont know if 3 watts will push my linear enough or not but I guess there is only one way to find out. Pye Connector has been changed on A set for an automotive areil connector. Which I just happen to have.
My family line had left Germany in 1709 for Ireland then USA 1760,then Canada in 1784. On a trip there(Germany) in 2000 I found the original family still there (Dolmetsch) When I got home I wrote them all from all the addresses I could find. Got an invite to the family reunon in Schwabenland and a warning that only a couple of young ones spoke English. I had 6 months to learn and it came hard at first then like a flood. Once I m around folks who only speak it I am fine now. Did an race engine for a German National living in France (See Nascar Returns to Lemans Blog) The whole conversation both business and technical was conducted in German with no hic ups so I am ok I guess. I am there almost once a year although with my fractured spine recovery I suspect I will skip this year. French I picked up living and working in Montreal as a teenager. It is much harder for me then German (which seemed to be preinstalled)but I can function there and in France as well even though Canadian French is as it was in 1600s so I do get a few smiles there in France but they still understand. Never regretted learning other tongues. It has served me well. Dutch or NL I can read without error probably because of my German and English but I do not speak it. I can't seem to get enough spit in my mouth to say the words right. My Mom was by the way also German descent and her dad of Swiss descent both 3rd generation . She was raised near Berlin Ontario now known as Kitchener. Just for the record both my Mom and my Dad served proudly in the RCAF lest there be any misunderstandings.
don

11002. Re: [AWA Group] Re: New toys

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-18 21:37:28 UTC
From: Michael Bittner
Topic: 10994 Message: 11002

I don't know if this is the right group to address my question to, but there seem to be folks here who are knowledgeable about microphones and such, so here is my question:

Is an electret mic. interchangeable with a carbon mic.?

I have a David Clark headset with a carbon boom-mic. and just acquired another David Clark headset, with an electret boom-mic., at a ham swap meet. The carbon mic. works well, but I'm reluctant to plug in the electret mic. in place of the carbon mic. for fear of ruining something.

Mike, W6MAB

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

11003. RE: [AWA Group] Re: New toys

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-18 21:46:58 UTC
From: Mike Feher
Topic: 10994 Message: 11003

Mike –

What are you plug it into? A carbon mike, in majority of circuits will have to have DC on it, as the mike itself is just a variable resistor that has a resistance proportional to your audio. An electret mike also needs a bias, and often there is a battery installed in the mike itself. I have never seen a David Clark headset with a carbon mike. Tell us more. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, February 18, 2015 4:37 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: New toys

☐

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Mike, W6MAB

<http://www.avast.com/>

This email has been checked for viruses by Avast antivirus software.
www.avast.com <http://www.avast.com/>

11004. Re: [AWA Group] Re: New toys

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-18 21:57:07 UTC
From: Leonard Meek
Topic: 10994 Message: 11004

You have an interesting family history, Don. My Dad's family originally came from southern Germany and Switzerland. They claimed to be Dutch, probably because during the war it wasn't cool to say you were Deutsch. Some of my Mom's ancestors came from the Island of St. Helena, others from the Appalachians. The end result is that they settled in Hawaii. This has little to do with radio other that the fact that Hawaii was a great place to pick up SW. Lately there's so much static that the fun is fading fast

Leonard
----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Wednesday, February 18, 2015 9:29 AM
Subject: RE: [AWA Group] Re: New toys

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don

11005. Re: [AWA Group] Re: New toys

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-18 21:58:09 UTC
From: Leonard Meek
Topic: 10994 Message: 11005

You have an interesting family history, Don. My Dad's family originally came from southern Germany and Switzerland. They claimed to be Dutch, probably because during the war it wasn't cool to say you were Deutsch. Some of my Mom's ancestors came from the Island of St. Helena, others from the Appalachians. The end result is that they settled in Hawaii. This has little to do with radio other that the fact that Hawaii was a great place to pick up SW. Lately there's so much static that the fun is fading fast

Leonard
----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Wednesday, February 18, 2015 9:29 AM
Subject: RE: [AWA Group] Re: New toys

I am happy to report the receiver works very well. In fact makes my HR10B hide in a corner. I will try the TX tomorrow probably on 1/2 power since I have that easily available off my old vibrator supply. I wonder why an 807 is so low in output. I guess power was not the main goal. I have several carbon mics. Is that right for R/T?
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don

11006. Re: [AWA Group] Re: New toys

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-18 22:02:32 UTC
From: Leonard Meek
Topic: 10994 Message: 11006

Sorry for the multiple postings. I have a real sketchy DSL and it drops out every few minutes sometimes.

Leonard

11007. RE: [AWA Group] Re: New toys

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-18 22:24:03 UTC
From: Mike Feher
Topic: 10994 Message: 11007

Len –

Are you in Hawaii now? -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, February 18, 2015 4:57 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: New toys

☐

You have an interesting family history, Don. My Dad's family originally came from southern Germany and Switzerland. They claimed to be Dutch, probably because during the war it wasn't cool to say you were Deutsch. Some of my Mom's ancestors came from the Island of St. Helena, others from the Appalachians. The end result is that they settled in Hawaii. This has little to do with radio other that the fact that Hawaii was a great place to pick up SW. Lately there's so much static that the fun is fading fast

Leonard

----- Original Message -----

From: dulmagedon@... [AWAGroup] <mailto:dulmagedon@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: Wednesday, February 18, 2015 9:29 AM

Subject: RE: [AWA Group] Re: New toys

I am happy to report the receiver works very well. In fact makes my HR10B hide in a corner. I will try the TX tomorrow probably on 1/2 power since I have that easily available off my old vibrator supply. I wonder why an 807 is so low in output. I guess power was not the main goal. I have several carbon mics. Is that right for R/T?
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don

11008. Electret Mic

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-18 23:53:09 UTC
From: Michael Bittner
Topic: 11008 Message: 11008

The headset with the carbon mic is a David Clark H10-10 and I last used it in an ancient Bertea VHF aircraft transceiver. I assume the H10-10 will work in any tube-type transmitter with a bias supply and a mic-to-grid step-up transformer.

The one with the electret mic is an H10-13.4. I see these are retailing for up to $300 on eBay, so I couldn't pass up one in perfect cosmetic condition offered for $10. I have checked its phones and they work perfectly on a 300 Ohm audio output.

I've goggled electret mics and see that most of them have a built-in transistor amplifier. Although I've found the specs for the H10-10.34, I haven't found any information on its specific circuit or direct interchangeability with the H10-10. In any case, I see no provision for a built-in battery.

Mike, W6MAB

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Wednesday, February 18, 2015 1:46 PM
Subject: RE: [AWA Group] Re: New toys

Mike –

What are you plug it into? A carbon mike, in majority of circuits will have to have DC on it, as the mike itself is just a variable resistor that has a resistance proportional to your audio. An electret mike also needs a bias, and often there is a battery installed in the mike itself. I have never seen a David Clark headset with a carbon mike. Tell us more.
73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, February 18, 2015 4:37 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: New toys

□

I don't know if this is the right group to address my question to, but there seem to be folks here who are knowledgeable about microphones and such, so here is my question:

Is an electret mic. interchangeable with a carbon mic.?

I have a David Clark headset with a carbon boom-mic. and just acquired another David Clark headset, with an electret boom-mic., at a ham swap meet. The carbon mic. works well, but I'm reluctant to plug in the electret mic. in place of the carbon mic. for fear of ruining something.

Mike, W6MAB

This email has been checked for viruses by Avast antivirus software.
www.avast.com

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http://www.avast.com

11009. Re: [AWA Group] Re: New toys

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-19 00:45:22 UTC
From: Leonard Meek
Topic: 10994 Message: 11009

Yes. Don't think I'd want to be any place else right now.

Leonard
----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Wednesday, February 18, 2015 12:24 PM
Subject: RE: [AWA Group] Re: New toys

Len –

Are you in Hawaii now? -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

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From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, February 18, 2015 4:57 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: New toys

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You have an interesting family history, Don. My Dad's family originally came from southern Germany and Switzerland. They claimed to be Dutch, probably because during the war it wasn't cool to say you were Deutsch. Some of my Mom's ancestors came from the Island of St. Helena, others from the Appalachians. The end result is that they settled in Hawaii. This has little to do with radio other that the fact that Hawaii was a great place to pick up SW. Lately there's so much static that the fun is fading fast

Leonard

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From: dulmagedon@... [AWAGroup]

To: AWAGroup@yahoogroups.com

Sent: Wednesday, February 18, 2015 9:29 AM

Subject: RE: [AWA Group] Re: New toys

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don

11010. Re: [AWA Group] Re: New toys

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-19 03:08:22 UTC
From: dulmagedon@...
Topic: 10994 Message: 11010

We all wish we were there too! BRRRRRRRRRRRRRRRRRRRRRR!
don

11011. Hallicrafters SX-100 meter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-19 03:33:46 UTC
From: Daniel Petersen
Topic: 11011 Message: 11011

Hi guys:

I have been restoring a Hallicrafters SX-100 receiver that I rescued out of a barn in Klamath Falls, Oregon. As of this afternoon, IT LIIIIIVES!! I see it still is in bad need of an alignment and I think the filter caps are a bit soft but...

The meter needs replacement. It took a direct hit in the faceplate and the movement is gunched. I know where I can get a replacement for $40 + shipping but being retired I would like to get one for less or a fair trade. Let me know if you hear of anything.

--

73,
Dan - W7OIL

11012. RE: [AWA Group] Re: New toys

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-19 06:55:38 UTC
From: Mike Feher
Topic: 10994 Message: 11012

I can certainly understand that J. – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, February 18, 2015 7:45 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: New toys

☐

Yes. Don't think I'd want to be any place else right now.

Leonard

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup] <mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: Wednesday, February 18, 2015 12:24 PM

Subject: RE: [AWA Group] Re: New toys

Len –

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

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To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: New toys

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Leonard

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From: dulmagedon@... [AWAGroup] <mailto:dulmagedon@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: Wednesday, February 18, 2015 9:29 AM

Subject: RE: [AWA Group] Re: New toys

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don

11013. RE: [AWA Group] Electret Mic

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-19 07:13:23 UTC
From: Mike Feher
Topic: 11008 Message: 11013

I too have picked up some of those headsets pretty cheap. However, I never used any of them, HI. Regardless, it looks like the one with the electret mike is supposed to get its voltage from the set it is connected to. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, February 18, 2015 6:53 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Electret Mic

☐

The headset with the carbon mic is a David Clark H10-10 and I last used it in an ancient Bertea VHF aircraft transceiver. I assume the H10-10 will work in any tube-type transmitter with a bias supply and a mic-to-grid step-up transformer.

The one with the electret mic is an H10-13.4. I see these are retailing for up to $300 on eBay, so I couldn't pass up one in perfect cosmetic condition offered for $10. I have checked its phones and they work perfectly on a 300 Ohm audio output.

I've goggled electret mics and see that most of them have a built-in transistor amplifier. Although I've found the specs for the H10-10.34, I haven't found any information on its specific circuit or direct interchangeability with the H10-10. In any case, I see no provision for a built-in battery.

Mike, W6MAB

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup] <mailto:n4fs@eozinc.com%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: Wednesday, February 18, 2015 1:46 PM

Subject: RE: [AWA Group] Re: New toys

Mike –

What are you plug it into? A carbon mike, in majority of circuits will have to have DC on it, as the mike itself is just a variable resistor that has a resistance proportional to your audio. An electret mike also needs a bias, and often there is a battery installed in

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, February 18, 2015 4:37 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: New toys

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Mike, W6MAB

<http://www.avast.com/>

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11014. Re: [AWA Group] Hallicrafters SX-100 meter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-19 11:04:06 UTC
From: Louis Vermond
Topic: 11011 Message: 11014
Attachments: 1 described; binary payloads are missing from this source WARC

See why you work into it, Dan.

11015. electret mic

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-19 14:51:00 UTC
From: Mike Durff
Topic: 11015 Message: 11015

Mike said: ..."Is an electret mic. interchangeable with a carbon mic.?
I have a David Clark headset with a carbon boom-mic. and just acquired another David Clark headset, with an electret boom-mic., at a ham swap meet. The carbon mic. works well, but I'm reluctant to plug in the electret mic. in place of the carbon mic. for fear of ruining something. "
Mike: N4FS is right.Carbon mics will have voltage & current flowing thru them that would not be needed or good for an electret mic. Electrets are condenser mics that are usually self polarized. Some condsener mics use a small battery, or phantom power (usually 48VDC) but the smaller electrets like you have are permanently polarized. You could install a transformer in your rig to isolate the mic from the circuit. What radios are you planning on using this D/C headset with?TNX, Mike, K4TQF

11016. No 19 wireless revival

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-19 17:12:55 UTC
From: dulmagedon@...
Topic: 11016 Message: 11016

Today I jumpered the HV from the 275 pin to the 500 pin to do a low power test on the TX. Warmed it up then tuned as per online manual and tuned a small portable to same freq. Triggered the press to talk pin with a small screwdriver and instant success. Carrier in nearby RX. I had it on RT so I wouldn't need the key. Also tried it on SSB with the BFO (Het osc) ActuallyI like the receiver. It is reliable and solid performer. So I started making the six pin connector to mate to my vibrator supply. When i was a young lad and had my No 11 sets I used to keep a car battery in the basement on a trickle charger to run the no 11 dynoMtrs Never had a problem so i have a solar panel and a deep cycle 12 volt downstairs and i think I will just send a wire from it to the shack so I can have hi amp 12 volt available all the time. Raided the rough set for a knob as well so now this set is complete.
don

11017. RE: [AWA Group] No 19 wireless revival

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-19 17:16:26 UTC
From: Mike Feher
Topic: 11016 Message: 11017

Great progress Don. In my opinion, the 19 set was way ahead of its time. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, February 19, 2015 12:13 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] No 19 wireless revival

Today I jumpered the HV from the 275 pin to the 500 pin to do a low power test on the TX. Warmed it up then tuned as per online manual and tuned a small portable to same freq. Triggered the press to talk pin with a small screwdriver and instant success. Carrier in nearby RX. I had it on RT so I wouldn't need the key. Also tried it on SSB with the BFO (Het osc) ActuallyI like the receiver. It is reliable and solid performer. So I started making the six pin connector to mate to my vibrator supply. When i was a young lad and had my No 11 sets I used to keep a car battery in the basement on a trickle charger to run the no 11 dynoMtrs Never had a problem so i have a solar panel and a deep cycle 12 volt downstairs and i think I will just send a wire from it to the shack so I can have hi amp 12 volt available all the time. Raided the rough set for a knob as well so now this set is complete.
don

11018. RE: [AWA Group] No 19 wireless revival

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-20 21:00:25 UTC
From: dulmagedon@...
Topic: 11016 Message: 11018

Making cable connectors is not my idea of fun however I have the end discs drilled and made from thick plastic. I raided an old wafer socket for connectors to contact the pins. That was enough for today.I have to put it all together in the hole sealing it so there are no leaks and pour the assembly with epoxy. I have a plan . Here is hoping it works. I am only doing the power connector for now. I will get creative with the control connections. My main goal is not to damage or butcher the radio proper in anyway. Been in touch with KD6TKX. He has been working up to 400 miles with his WS 19 barefoot. I could live with that however I ran into a fellow using one to push a SB200 so I can probably use this one on my twin 811A linear for a slight gain. I know with the DX 60B I can cut it way back and still get good output. Also with the ARC5s. Apparently these Ws19s have some odd type of grid modulation. I have been studying the schematic but need to do more. I wont however monkey with the MK11 as it is in too good a condition. The rough one though, a MkIII is fair game I think.
don

11019. eBay Alert Good condx and Buy it Now cheap

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-21 18:11:11 UTC
From: Louis Vermond
Topic: 11019 Message: 11019

http://www.ebay.com/itm/1937-QST-MAGAZINE-January-December-Full-Year-Free-Shipping-/131435427881?ssPageName=ADME:SS:SS:US:1120

11020. RE: [AWA Group] No 19 wireless revival

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-22 13:34:40 UTC
From: dulmagedon@...
Topic: 11016 Message: 11020

Yesterday I fired up the 80M Arc5 transmitter on AM 3705kcs, but used the MkII WS19 to listen instead of the BC454. Wow what a difference.! Cabling is coming along OK and the control section is pre cabled awaiting a control box of some sort. I need a push to talk , a mic input for A set and a phones out for A set. Not much point in wring to the B set. Too bad it wasnt 10 meters.
Mike , will the WS 19 drive a speaker through a audio transformer or is that asking too much?
don

11021. RE: [AWA Group] No 19 wireless revival

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-22 15:10:29 UTC
From: Mike Feher
Topic: 11016 Message: 11021

I really do not remember how well the 19 set output drives a speaker. I has been over 20 years since I used it. Initially I used it with the original headset and microphone combination, however, I am not much for headsets, and I usually route the audio from my military sets through an commercial audio amp and then to nice big speakers. So, I assume that is what I did with the 19 set. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, February 22, 2015 8:35 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] No 19 wireless revival

Yesterday I fired up the 80M Arc5 transmitter on AM 3705kcs, but used the MkII WS19 to listen instead of the BC454. Wow what a difference.! Cabling is coming along OK and the control section is pre cabled awaiting a control box of some sort. I need a push to talk , a mic input for A set and a phones out for A set. Not much point in wring to the B set. Too bad it wasnt 10 meters.
Mike , will the WS 19 drive a speaker through a audio transformer or is that asking too much?
don

11022. RE: [AWA Group] No 19 wireless revival

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-22 19:07:18 UTC
From: dulmagedon@...
Topic: 11016 Message: 11022

OK Thanks
don

11023. RE: [AWA Group] No 19 wireless revival

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-22 22:25:13 UTC
From: dulmagedon@...
Topic: 11016 Message: 11023

This is going to sound impossible and maybe it interests no one else but I think you will see why it interests me and will allow me. I have been digging into No 19 history. The radios were designed by PYE of England at the beginning of WWII at the request of the British Military. My Dad fell in love with them while teaching wireless mechanics (radio repair) at No 1 Wireless School in Canada during WWII HOWEVER in the 1960s my Dad was Chief Engineer of PYE Canada. I don't know if he knew the No 19 was a PYE design but I intend to ask him. So then I read the story of the Canadian No 19 set which my operational set is and they are clearly marked as such. It told how they were redesgned to suit the Canadian military plus a few "fixes" the sets needed and how a group four engineers from competing Canadian firms went together on the redesign and flew to PYE to learn the manufacture and come up witha suitable modified design for Canadian use. Canadian sets are different in some ways but compatable with UK sets.One of the engineers and the only one mentioned by name was the late Sydney Stillitoe of Belleville Ontario and he was with Northern Electric. I live at Belleville Ontario and my mailing address is RR#1 Belleville Ontario, My cousin Ken Dulmage worked at Northern Electric till it shut down manufacturing and my brother in law was the stationary engineer at the plant for one of the shifts for many many years. I think this radio belongs here. Spooky to say the least.
don

11024. RE: [AWA Group] No 19 wireless revival

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-23 16:19:49 UTC
From: dulmagedon@...
Topic: 11016 Message: 11024

Connector made and cabling done to mate with all my shack supplies. I use always a 7AC octal socket pinout for power supplies so I can run anything on any one.PS If 12 volt I use pins 7 for grd and pin 6 normal unused for 12V+ on heaters. For hv for PA tubes I use the screen pin (4) By keeping a convention I keep out of trouble. However I have decided to run this set totally battery power and have a PS made from a 57 ford car radio PS then all I have to do is keep an deep cycle 12v battery charged and hum is a non issue. (There goes my best worst signal award !) And yes No 19 set runs a speaker easily. Just tried it a few minutes ago. I don't know the impedance output of its audio but will find out before suppertime. These sets used to be run in carts with four 170 AMP Hr batteries so A 900 amp deep cycle should give me all the time I need. Set B+ is not heavy but heaters are. Cw section works well. Going to try phone after lunch.
don

11025. RE: [AWA Group] No 19 wireless revival

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-23 22:31:48 UTC
From: dulmagedon@...
Topic: 11016 Message: 11025

Up and running. Found proper speaker impedance and also use speaker and audio transformer for a dynamic mic. Seems to be well suited to the rig. The rig runs the twin 811A linear even at 1/2 PA voltage. Am for all intents and purposes good to go. Need to build a 500 volt vibrator supply but will probably do a 700 volt since the 807 can survive that(run my 1625s at 770v and have for a few years) Going to install the control switch (TX PTT, Speaker or mic input and Rx antenna) in the speaker box. One switch and 5 wires should be easy. Been on 40M testing today. It has been fun. I am sorry but I forget who gave us the heads up on these radios but I owe you a big thanks. Back then I gave the owner a promise if they didn't sell at his price which was decent I would at least give him xxx rather then see them scrapped. After several weeks of playing a thousand questions and no hard cash he just said "their yours if your deal still stands." I am from old school where a promise made is a debt unpaid so I antied up immediately. We shipped them by bus with shipping cost collect. Shipping was under $60 for both which is a lot less then driving there. Turns out he had worked with friends who used to live there and now live here that we have Sunday lunch with every weekend. Small world. Anyway whoever gave us the Kijiji heads up, thanks!
don

11026. Re: Loop sig recording VE3GRO-VE3AWA. or... Tooting my little horn.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-24 23:14:31 UTC
From: Louis Vermond
Topic: 11026 Message: 11026

Lou: In spite of all the snow static and miscellaneous carriers, your TNT sig was a nice S6 and the audio on the loop modulation was as clear as from rigs using conventional AM.

Unfortunately, the recorder didn’t create a file on the SD card. Hope we can try it again soon and I will be able send you something you can share.

It is surprisingl impressive. Harry VE3GRO

Harry, Tks. Any time and day fine here. Sooner better. Shall I play, Oh Holy Night on my fiddle? Perhaps passages from, 200 Meters and Down...

73, Lou
VE3AWA

11027. Re: Loop sig recording VE3GRO-VE3AWA. or... Tooting my little horn.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-25 00:12:45 UTC
From: dulmagedon@...
Topic: 11026 Message: 11027

Congrats on the good report! Are you also a fiddle player? I didn't know that.
It is amazing whether HAM radio or racing how many times it takes to get the camera to work. Sometimes it never does. And hats off to Harry for stepping up to the plate to give you a hand monitoring. GRO must stand for Great Radio Operator.Tis no small thing to have a willing and enthused helper!
don

11028. Vibrator power supplies

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-25 13:18:46 UTC
From: dulmagedon@...
Topic: 11028 Message: 11028

To power my ws19 set I used a 12 volt vibrator power supply I made several years ago from a discarded 57 ford radio. I needed a quick portable Hi voltage supply and a friend and former student gave it to me. I hacked the PS corner out of he defunct radio and have been using it from time to time on a 12 v gel cell. It runs the No 19 with ease , even the Tx but on 1/2 power for the PA however it does work. It is quiet on Rx anyway and I am very happy with it.In fact I should be using it on my 29 style rigs. I had purchased a solid state vibrator and have a socket and transformer etc for a decent HD PS. That I can handle but dumb as it may seem I dont know how to wire the vibrator and since this one is solid state I would probably only get one chance. I could take the one I have out of its box but when I built the box I used instrument glue methods to make it and so it would get destroyed in the process. Seems wasteful. I searched on line for the vib pinout and found several people asking as well but none not one actual answer. I dont want to know how it works, if it is a good or bad idea, will it or wont it work or was it original. I simply need to know which pins are which. Two fat ones (probably 12v but I dont really know) and two thin ones Probably 12v ac output.) There is a lot of experience on this site . can someone help me with the pinout for these. I still cant believe it wasn't easily found.
Don VE3LYX

11029. RE: [AWA Group] Vibrator power supplies

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-25 13:37:19 UTC
From: Mike Feher
Topic: 11028 Message: 11029

I believe Mallory had a pamphlet on vibrators back in the late 40’s or early 50’s. I probably have a few downstairs but who knows where. You can Google Mallory and see what you come up with. – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, February 25, 2015 8:19 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Vibrator power supplies

To power my ws19 set I used a 12 volt vibrator power supply I made several years ago from a discarded 57 ford radio. I needed a quick portable Hi voltage supply and a friend and former student gave it to me. I hacked the PS corner out of he defunct radio and have been using it from time to time on a 12 v gel cell. It runs the No 19 with ease , even the Tx but on 1/2 power for the PA however it does work. It is quiet on Rx anyway and I am very happy with it.In fact I should be using it on my 29 style rigs. I had purchased a solid state vibrator and have a socket and transformer etc for a decent HD PS. That I can handle but dumb as it may seem I dont know how to wire the vibrator and since this one is solid state I would probably only get one chance. I could take the one I have out of its box but when I built the box I used instrument glue methods to make it and so it would get destroyed in the process. Seems wasteful. I searched on line for the vib pinout and found several people asking as well but none not one actual answer. I dont want to know how it works, if it is a good or bad idea, will it or wont it work or was it original. I simply need to know which pins are which. Two fat ones (probably 12v but I dont really know) and two thin ones Probably 12v ac output.) There is a lot of experience on this site . can someone help me with the pinout for these. I still cant believe it wasn't easily found.
Don VE3LYX

11030. Re: [AWA Group] Vibrator power supplies

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-25 22:00:32 UTC
From: Larry Szendrei
Topic: 11028 Message: 11030
Attachments: 2 described; binary payloads are missing from this source WARC

Don,

I believe I have the same Mallory pamphlet that Mike mentioned.
Hopefully these two pages will be helpful.

73,
-Larry/NE1S

On 2/25/15 8:18 AM, dulmagedon@... [AWAGroup] wrote:
>
> To power my ws19 set I used a 12 volt vibrator power supply I made
> several years ago from a discarded 57 ford radio. I needed a quick
> portable Hi voltage supply and a friend and former student gave it to
> me. I hacked the PS corner out of he defunct radio and have been using
> it from time to time on a 12 v gel cell. It runs the No 19 with ease ,
> even the Tx but on 1/2 power for the PA however it does work. It is
> quiet on Rx anyway and I am very happy with it.In fact I should be
> using it on my 29 style rigs. I had purchased a solid state vibrator
> and have a socket and transformer etc for a decent HD PS. That I can
> handle but dumb as it may seem I dont know how to wire the vibrator
> and since this one is solid state I would probably only get one
> chance. I could take the one I have out of its box but when I built
> the box I used instrument glue methods to make it and so it would get
> destroyed in the process. Seems wasteful. I searched on line for the
> vib pinout and found several people asking as well but none not one
> actual answer. I dont want to know how it works, if it is a good or
> bad idea, will it or wont it work or was it original. I simply need to
> know which pins are which. Two fat ones (probably 12v but I dont
> really know) and two thin ones Probably 12v ac output.) There is a lot
> of experience on this site . can someone help me with the pinout for
> these. I still cant believe it wasn't easily found.
> Don VE3LYX
>
>
>
>

11031. Re: [AWA Group] Vibrator power supplies

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-25 22:12:38 UTC
From: Larry Szendrei
Topic: 11028 Message: 11031
Attachments: 2 described; binary payloads are missing from this source WARC

Don,

Also, I know you said you didn't want to know how vibrators work, but I thought you may find some of the schematics useful in these pages.

73,
-Larry/NE1S

>

11032. Re: [AWA Group] Vibrator power supplies

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-25 23:28:07 UTC
From: dulmagedon@...
Topic: 11028 Message: 11032

"I know you said you didn't want to know how vibrators work"
Let me rephrase that then. the question I am asking is not how they work. I am very aware of that and the circiut diagrams and PS styles. what |i needed to know was the vibrator pinout. Just the same as one might want the pinout for a 12sa7 tube for instance. I found that this afternoon. I always want to know how everything works and spend whatever it takes to find out.
don

11033. Re: [AWA Group] Vibrator power supplies

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-26 15:16:03 UTC
From: Larry Szendrei
Topic: 11028 Message: 11033

OK, Don.

The reason I thought the schematics would help is because I assumed if you were familiar with the common vibrator supply circuits, you would just trace out the connections in your supply, and deduce the vibrator pin-out from that information. (That is what I would do, and have done in the past.)

Anyway, in an earlier email I had sent a sheet with the pin-out information, and another sheet which I thought might help you determine which vibrator you had, because of the relatively large number of vibrator types and different pin-outs. Did you see it?

Last summer I was working on getting an old tube-type Regency MonitorRadio going; this is a mobile VHF NBFM receiver for about 152 - 175 MHz. It had a vibrator B+ supply and the vibrator was dead. I made up a plug-in solid-state replacement - a simple multivibrator circuit with a pair of NPN power transistors - and got it working.

73,
-Larry/NE1S

On 2/25/15 6:28 PM, dulmagedon@... [AWAGroup] wrote:
>
> "I know you said you didn't want to know how vibrators work"
> Let me rephrase that then. the question I am asking is not how they
> work. I am very aware of that and the circiut diagrams and PS styles.
> what |i needed to know was the vibrator pinout. Just the same as one
> might want the pinout for a 12sa7 tube for instance. I found that this
> afternoon. I always want to know how everything works and spend
> whatever it takes to find out.
> don
>
>

11034. Re: [AWA Group] Vibrator power supplies

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-26 20:59:31 UTC
From: dulmagedon@...
Topic: 11028 Message: 11034

Yeah I coulda traced my other supply. I never thought the pinout would be not readily available. Thanks for the info. I have a Antique Electronic supply solid state 12v replacement. non schnro style(need a rectifier tube or set.) I also have a Dynamotor and am tempted to run it instead. I also have a set of the old power transistors that were used to replace the vib circuits years ago. Right now I am hunting for a useable transformer. I will have to kill one of my AC supplies I guess to get one. OR I could dump the rectifier tube, insert a set of diodes and pull of some ac as well to feed a doubler for the 807. At the moment a proper transformer is the obstacle.
If I build this stout enough I can also run my ARC5 on it. But I don't want to spend any money.
I am pleasantly surprised by the No 19 set. Normally as you know I monitor on a beverage and a HR10B. The beverage was for years a huge advantage but the No 19 can hear everything it hears and cleaerr on a normal antenna that I use for TXing. Selectivity is nothing to write home about but an HR10B isnt that great either and if conditions were bad no one would hear me from here anyway.
don

11035. Two Questions...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-27 00:21:04 UTC
From: Louis Vermond
Topic: 11035 Message: 11035

GE,

1. Heathkit supplied a "nut starter" with their kits. You know, a red plastic tube with one end the right dia. for a 4-40, the other end, a 6-32. Anyone know a source for these?

2. Anyone wind an RFC on a wood doweling having the wood shrink over causing the winding to loosing? Do you have a kink for preventing the wood from shrinking?

Thank you, Lou

11036. RE: [AWA Group] Two Questions...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-27 00:58:24 UTC
From: Steve Flood
Topic: 11035 Message: 11036

Anyone know a source for these? Kimco has them..

http://gokimco.com/small-nut-starter.html?gclid=CL-coLH1gMQCFZKGaQodf5YAfQ

preventing the wood from shrinking? Gads! You mean the paraffin
treatment is bunk?!

Steve KK7UV

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

11037. Re: [AWA Group] Two Questions...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-27 01:14:30 UTC
From: Louis Vermond
Topic: 11035 Message: 11037

Anyone know a source for these? Kimco has them.. Tks Steve...

http://gokimco.com/small-nut-starter.html?gclid=CL-coLH1gMQCFZKGaQodf5YAfQ

preventing the wood from shrinking? Gads! You mean the paraffin treatment is bunk?! Held for the first 5 years. I'll try bees wax. Wonder if soaking it in thinned lacquer wood do it?

Anyone else?

11038. Re: [AWA Group] Two Questions...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-27 01:19:42 UTC
From: Steve
Topic: 11035 Message: 11038

> Do you have a kink for preventing the wood from shrinking?

use kiln-dried wood...you could also bake it at the lowest temperature that your toaster oven will allow...for several hours. I've never seen the coil form shrink after winding although I have only used kiln-dried.

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11039. Re: [AWA Group] Two Questions... toaster oven

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-27 03:45:30 UTC
From: Louis Vermond
Topic: 11039 Message: 11039

use kiln-dried wood...you could also bake it at the lowest temperature that your toaster oven will allow...for several hours. I've never seen the coil form shrink after winding although I have only used kiln-dried.

Very limited as to what I can find here. Oven method best bet. Thank you, Steve, GN, Lou

11040. Re: Two Questions...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-27 12:35:01 UTC
From: dulmagedon@...
Topic: 11035 Message: 11040

I wind most of my RFC including HV plate chokes on hardwood doweling which is dry and hard. Never ever had an issue. Shrink? I am betting you couldn't measure any shrink with a micrometer even. Many of the wood treatment ideas are based in urban myth. Depend more on the type of wood then anything else. I know you read and heard but I am in another life a instrument maker (fiddle maker) so am used to wanting no shrinking no cracking a very low moisture. Hard maple is very good as are some exotics. Hardwood doweling is in most cases sufficiently dry to varnish and use right way. I learned to use maple by a fellow who made a telescope focusing device accurate to 2 millions of an inch. He is a friend and mech engineer. He has a lot of hands on hobbies. He made that whole device out of hard maple. Doesn't warp doesn't shrink , isnt temp sensitive was his reasons. Since that time I have used a lot of it. The Ontario Science Centre borrowed his device to focus their telescope. It was more accurate then their own. The right wood is the key.
don

11041. Shack tour

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-27 22:10:59 UTC
From: dulmagedon@...
Topic: 11041 Message: 11041
Attachments: 2 described; binary payloads are missing from this source WARC

I finally finished my No 19 connectors and cabling. I would prefer to have originals but I am told that is no longer possible so I made them from available materiels.
My vibrator supply sits to the left and the speaker /microphone is above at the end of the brown control/audio cable. It works pretty good on rx although I have yet to have a QSO.
meanwhile above another project sits awaiting completion. A 45 Hartley cathode modulated by a 01A and period correct audio transformer for its carbon mic circuit. All of this has been built before and operated independently. I am now putting it all on one chassis.
don

11042. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-28 03:57:21 UTC
From: Louis Vermond
Topic: 130 Message: 11042

http://www.ebay.co.uk/itm/MARCONI-TYPE-V2A-WIRELESS-RECEIVER-/111605920922?pt=LH_DefaultDomain_3&hash=item19fc3b349a

1000UKP. Any bets?

11043. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-28 04:11:08 UTC
From: Mike Feher
Topic: 130 Message: 11043

Nice - but I have one - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, February 27, 2015 10:57 PM
To: AWAGroup
Subject: [AWA Group] eBay Alert

http://www.ebay.co.uk/itm/
<http://www.ebay.co.uk/itm/MARCONI-TYPE-V2A-WIRELESS-RECEIVER-/111605920922?
pt=LH_DefaultDomain_3&hash=item19fc3b349a>
MARCONI-TYPE-V2A-WIRELESS-RECEIVER-/111605920922?pt=LH_DefaultDomain_3&hash=
item19fc3b349a

1000UKP. Any bets?

11044. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-28 12:54:43 UTC
From: Louis Vermond
Topic: 130 Message: 11044

Another and you'd have stereo!
----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-02-27 11:11 PM
Subject: RE: [AWA Group] eBay Alert

Nice - but I have one - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, February 27, 2015 10:57 PM
To: AWAGroup
Subject: [AWA Group] eBay Alert

http://www.ebay.co.uk/itm/MARCONI-TYPE-V2A-WIRELESS-RECEIVER-/111605920922?pt=LH_DefaultDomain_3&hash=item19fc3b349a

1000UKP. Any bets?

11045. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-28 13:08:09 UTC
From: Mike Feher
Topic: 130 Message: 11045

I do not know why I even got it since I do not really think it is that neat.
I prefer the European sets with the exposed tubes, and, have my share of
those as well. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, February 28, 2015 7:55 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert

Another and you'd have stereo!

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup]
<mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2015-02-27 11:11 PM

Subject: RE: [AWA Group] eBay Alert

Nice - but I have one - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, February 27, 2015 10:57 PM
To: AWAGroup
Subject: [AWA Group] eBay Alert

http://www.ebay.co.uk/itm/
<http://www.ebay.co.uk/itm/MARCONI-TYPE-V2A-WIRELESS-RECEIVER-/111605920922?
pt=LH_DefaultDomain_3&hash=item19fc3b349a>
MARCONI-TYPE-V2A-WIRELESS-RECEIVER-/111605920922?pt=LH_DefaultDomain_3&hash=

item19fc3b349a

1000UKP. Any bets?

11046. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-28 13:39:59 UTC
From: Louis Vermond
Topic: 130 Message: 11046

It's the name...

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-02-28 8:08 AM
Subject: RE: [AWA Group] eBay Alert

I do not know why I even got it since I do not really think it is that neat. I prefer the European sets with the exposed tubes, and, have my share of those as well. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, February 28, 2015 7:55 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert

Another and you'd have stereo!

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup]

To: AWAGroup@yahoogroups.com

Sent: 2015-02-27 11:11 PM

Subject: RE: [AWA Group] eBay Alert

Nice - but I have one - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, February 27, 2015 10:57 PM
To: AWAGroup
Subject: [AWA Group] eBay Alert

http://www.ebay.co.uk/itm/MARCONI-TYPE-V2A-WIRELESS-RECEIVER-/111605920922?pt=LH_DefaultDomain_3&hash=item19fc3b349a

1000UKP. Any bets?

11047. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-28 14:00:52 UTC
From: Mike Feher
Topic: 130 Message: 11047

If it would be WWI and earlier then I would agree, By then, it was just another piece of British furniture. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, February 28, 2015 8:40 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert

It's the name...

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup]
<mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2015-02-28 8:08 AM

Subject: RE: [AWA Group] eBay Alert

I do not know why I even got it since I do not really think it is that neat. I prefer the European sets with the exposed tubes, and, have my share of those as well. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, February 28, 2015 7:55 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert

Another and you'd have stereo!

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup]
<mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2015-02-27 11:11 PM

Subject: RE: [AWA Group] eBay Alert

Nice - but I have one - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, February 27, 2015 10:57 PM
To: AWAGroup
Subject: [AWA Group] eBay Alert

http://www.ebay.co.uk/itm/
<http://www.ebay.co.uk/itm/MARCONI-TYPE-V2A-WIRELESS-RECEIVER-/111605920922?
pt=LH_DefaultDomain_3&hash=item19fc3b349a>
MARCONI-TYPE-V2A-WIRELESS-RECEIVER-/111605920922?pt=LH_DefaultDomain_3&hash=
item19fc3b349a

1000UKP. Any bets?

11048. Fw: eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-02-28 19:11:29 UTC
From: Louis Vermond
Topic: 11048 Message: 11048

http://www.ebay.co.uk/itm/MARCONI-TYPE-V2A-WIRELESS-RECEIVER-/111605920922?pt=LH_DefaultDomain_3&hash=item19fc3b349a

1000UKP. Any bets?

Went cheap...only $1592.13 CDN or 14 bucks US....

11049. Fw: [AWA Group] Shack tour [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-01 00:30:00 UTC
From: Louis Vermond
Topic: 11049 Message: 11049
Attachments: 1 described; binary payloads are missing from this source WARC

"MCW" Would like to hear that, Don. Lou

11050. Re: Fw: [AWA Group] Shack tour [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-01 01:55:30 UTC
From: dulmagedon@...
Topic: 11049 Message: 11050

Man you have sharp eyes for an old lad! Same power out as AM so it is pretty light but that shouldnt be a problem. 80M at time of your choosing. Probably 3615 your favourite spot. I am tuned up on 80M barefoot currently. Would probably start off on Cw and then switch to MCW. Speaking of you we were talking the other day about 160M , 1945 to be specific. Even though the rig is only calibrated 2 to 4.5 on the low band there is quite a edge to the dial. I suspected like most it might go beyond so I set my digital to 1950kc (which is my significant number) and tried. I was able to reach it with ease. I didnt take the time to find how far it would go but I would guess perhaps 1930Kcs. So 80M 40M and wee bit of 160M. Then there is the VHF B set as well. 235 mcs.Some fellows have squeezed the coil to put it on the 220 mcs ham band. Some are rewinding a coil 10 turn centre tap 3/8 inch to get 144mcs. Me I am going to see if on my spare set I can make a 10meter coil work. If so I would change the dial to 28.5 instead of 235 and have almost a 1/2 watt of 10M am. Back in the day 10M was considered VHF according to some of my old handbooks and so they used these oddball circuits for low power AM rigs. Not a huge difference from a Heathkit twoer or tener. Otherwise I will just leave the B set alone. 220mcs for me would be a waste of time. I have a Heathkit twoer so that would be not required but a QRPP 10M AM rig might be fun. I think power out is .4 watts.
All in all a lot of radios in one box and then there is the intercom. Why you could use the HF set to generate a carrier . drive a linear and use the intercom to modulate the linear. I know , I 'm nuts.
Anyway at your convenience we can try the MCW.
don

11051. Re: Fw: [AWA Group] Shack tour

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-01 02:40:59 UTC
From: Louis Vermond
Topic: 11051 Message: 11051

Man you have sharp eyes for an old lad! Same power out as AM so it is pretty light but that shouldnt be a problem. 80M at time of your choosing. Probably 3615 your favourite spot. I am tuned up on 80M barefoot currently. Would probably start off on Cw and then switch to MCW. Speaking of you we were talking the other day about 160M , 1945 to be specific. Even though the rig is only calibrated 2 to 4.5 on the low band there is quite a edge to the dial. I suspected like most it might go beyond so I set my digital to 1950kc (which is my significant number) and tried. I was able to reach it with ease. I didnt take the time to find how far it would go but I would guess perhaps 1930Kcs. So 80M 40M and wee bit of 160M. Then there is the VHF B set as well. 235 mcs.Some fellows have squeezed the coil to put it on the 220 mcs ham band. Some are rewinding a coil 10 turn centre tap 3/8 inch to get 144mcs. Me I am going to see if on my spare set I can make a 10meter coil work. If so I would change the dial to 28.5 instead of 235 and have almost a 1/2 watt of 10M am. Back in the day 10M was considered VHF according to some of my old handbooks and so they used these oddball circuits for low power AM rigs. Not a huge difference from a Heathkit twoer or tener. Otherwise I will just leave the B set alone. 220mcs for me would be a waste of time. I have a Heathkit twoer so that would be not required but a QRPP 10M AM rig might be fun. I think power out is .4 watts.
All in all a lot of radios in one box and then there is the intercom. Why you could use the HF set to generate a carrier . drive a linear and use the intercom to modulate the linear. I know , I 'm nuts.
Anyway at your convenience we can try the MCW.
don

GE Don,

CW/MCW SKED tomorrow Sunday at 7:30PM on or below 3615? U call me pse... I will be using the TPTG so you might have to tune around a bit to find me. OK?

160. Suggest that you set up a specific time with Joe, N3IBX for Mondays 160 AWA Net. I'll not be on hand. Away for 4 days starting Monday. GL, OM.

73 es GN, Lou

11052. Re: Fw: [AWA Group] Shack tour [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-01 04:10:30 UTC
From: alexm_1968@...
Topic: 11049 Message: 11052

Hello nice Wireless set 19 Mk2, I have a WS19 Mk3 from 1944 wich is operational I would like to test it using AM to see how well it performs, because I had a few issues with it but I think its ok now. Now for an idea would it be possible to use a computer to do CW with the WS19???

Alex VE2AIU

11053. Re: Fw: [AWA Group] Shack tour [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-01 13:26:39 UTC
From: dulmagedon@...
Topic: 11049 Message: 11053

I learned a few things in the last two weeks. One is the sets do not like carbon or crystal mics but need a moving coil mic to work best. Huge difference. I made one up old school style from a speaker and an audio transformer 3 to 1 approx ratio. It works well. You probably have all the original stuff so this may mean zip to you. They are noted for having good audio so I found out. Ifyou want to test Cw and that isnt your thing. you could learn your call and a serious of Vs ...- ...- ...- and the fellow listening would know you are testing and you have identified. And if it was me listening you would have no troubles to worry about. just say where and when. They used to sell code readers back in the day. MFJ was one. Whether there is a computer equivalent I dont know. I have an original Kantronics teletype/code system for a VIc 20 (even have the vic 20) from the seventies. I used it for teletype and mail boxes , the prerunner for todays internet but I did try it on Cw a couple of times and it worked perfectly. You could also send CQ and your call with it automatically which was neat. The Vic 20 quit but the Kantronics never even had a hickup. There must be something similar today. Used to live in VE2land in my teens (Pointe Claire, Dollard and Pierrefonds) In fact was kicked out of house and home at 16 and cast adrift in a sea of fun and crime there (1967) I had neither.
don

11054. Re: Fw: [AWA Group] Shack tour

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-01 16:54:09 UTC
From: Larry Szendrei
Topic: 11051 Message: 11054

The 160M AM net on Monday evenings at 8PM on 1945 KHz is SSB but will certainly take check-ins on AM if they can be heard.

There is also the Grey Hair Net on the same frequency at 8:00PM Tuesday evenings which is all AM.

73,
-Larry/NE1S

On 2/28/15 9:40 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> □
>
> 160. Suggest that you set up a specific time with Joe, N3IBX for
> Mondays 160 AWA Net. I'll not be on hand. Away for 4 days starting
> Monday. GL, OM.
> 73 es GN, Lou
>

11055. Re: Fw: [AWA Group] Shack tour

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-01 16:59:04 UTC
From: Larry Szendrei
Topic: 11049 Message: 11055

No reason why it can't be done with a little time and effort. There's plenty of multi-mode software out there to send and receive various digital modes, and the ones I've run in to usually have CW. The hardest part is the interface from the computer's serial port (probably a USB port these days) to key the transmitter. As far as receiving goes, just sample the received audio and poke it into the sound card; the software does the rest.

It would be a fun exercise, but, OTOH, it may kind of spoil the WS19 "experience."

73,
-Larry/NE1S

On 2/28/15 11:10 PM, alexm_1968@... [AWAGroup] wrote:
>
> Hello nice Wireless set 19 Mk2, I have a WS19 Mk3 from 1944 wich is
> operational I would like to test it using AM to see how well it
> performs, because I had a few issues with it but I think its ok now.
>
> Now for an idea would it be possible to use a computer to do CW with
> the WS19???
>
>
> Alex VE2AIU
>

11056. Re: Fw: [AWA Group] Shack tour

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-01 21:06:05 UTC
From: dulmagedon@...
Topic: 11049 Message: 11056

I realized I didn't know what MCW sounds like either Lou so I just tried it listening on a AM rx without BFO on it. It sounds like a typical code practice oscillator. In fact what comes through on the sets speaker is identical to what is heard on a nearby receiver. I also heard a Ham across the lake (Lake Ontario)testing. I gave it a shot on AM even though still on low 250 volts on the PA at the time. He could hear me say his call but we didnt have enough to have a QSO. He said I was just below average noise floor. I am happy with that for now. At least it works. And an hour later I managed to add the extra voltage to the PA tube so I am probably up to 4 watts out on a good day! I suspect at these power levels on a good day he could hear me fine.
don

11057. QRP Portable in Canada

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-02 02:23:39 UTC
From: Louis Vermond
Topic: 11057 Message: 11057
Attachments: 1 described; binary payloads are missing from this source WARC

Tks Andy, UU1CC

VE3AWA QRT 'till the 7th...

11058. Re: Fw: [AWA Group] Shack tour

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-02 13:06:37 UTC
From: dulmagedon@...
Topic: 11051 Message: 11058

There is also the Grey Hair Net on the same frequency at 8:00PM Tuesday evenings which is all AM.
Where is Net Control located?
don

11059. How low on a No 19 WS

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-02 14:00:38 UTC
From: dulmagedon@...
Topic: 11059 Message: 11059

1945kcs is easy and power is decent there. About the same as on 80M. Maybe 4 to 4.5 watts output. (7.5 watt dummy load light bulb bright yellow.) Rig will tune as low as 1885kcs but isn't super there. Last few KCs down the PA tuning loses the carrier freq some so I think 1900kc is the practical limit. I now have about 480 volts on the PA. I series stacked the second supply which solved my transformer problem and it all works well. 230volts on the RX and main Tx and an additional 250v stacked above feeding the 807 final. So 480v HT2 or 480v ground to 807 plate. Spec calls for 500v. I imagine 600 would be even better. I would try even more but the meter is only 600v so I don't want to hurt the radio or modify it in any way. Certainly enough power to drive my linear into reasonable power in decent conditions. Although I cant drive my linear on 160M so I may have to use my ARC5 160M rig down there. Man I have had a load of fun with this rig so far.
Gonna sell my Heathkit station.
don

11060. Re: Fw: [AWA Group] Shack tour

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-02 16:02:11 UTC
From: Larry Szendrei
Topic: 11051 Message: 11060

Net control stations rotate week-to-week and are in CT, MA, or ME. But we have check-ins from upstate NY, sometimes western NY.

On 3/2/15 8:06 AM, dulmagedon@... [AWAGroup] wrote:
>
>
> There is also the Grey Hair Net on the same frequency at 8:00PM
> Tuesday evenings which is all AM.
> Where is Net Control located?.
>
>
>

11061. Re: Fw: [AWA Group] Shack tour

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-02 17:41:42 UTC
From: dulmagedon@...
Topic: 11051 Message: 11061

Ok I can work the lads near Rochestor as I am due north of there. I will listen for a bit.
don

11062. Re: Fw: [AWA Group] Shack tour

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-03 05:20:02 UTC
From: dulmagedon@...
Topic: 11051 Message: 11062

I don't think I can talk that long. Listened tonight. Signals were good.
don

11063. Rollins Memorial DX Contest

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-07 15:47:46 UTC
From: Louis Vermond
Topic: 11063 Message: 11063

Hello,

I was away for this. How was the activity?

Lou

11064. 1921 RCA Radio Apparatus Catalog

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-07 16:04:48 UTC
From: Joe Cro
Topic: 11064 Message: 11064
Attachments: 1 described; binary payloads are missing from this source WARC

Hello All, - This is truly a wonderful document you'll want to look at. It's chock full of Amateur Radio apparatus information from 1921 including some circuits, etc etc.

Best regards,
Joe

Pick up your copy here: http://www.skywaves.ar88.net/Docs/default.html

Many thanks to Joe, N3IBX, for being patient while I copied his truly wonderful document.

Al Klase N3FRQ

11065. Re: [AWA Group] 1921 RCA Radio Apparatus Catalog

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-07 17:06:36 UTC
From: Louis Vermond
Topic: 11064 Message: 11065

Mny thanks, Joe. Wonderful stuff.

"HB TX hr late 1921 OM"

11066. OLD QSTS

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-07 23:57:16 UTC
From: barry whittemore
Topic: 11066 Message: 11066

a bit expensive asking price but big set of 20s and up QSTs.

http://nh.craigslist.org/clt/4917240165.html

Barry
NF1O

11067. Re: [AWA Group] OLD QSTS

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-08 00:14:06 UTC
From: Louis Vermond
Topic: 11066 Message: 11067

Vintage QST ham radio magazines - $1800
Buy now and make a fortune at the HAM fests this summer. ?

11068. RE: [AWA Group] OLD QSTS

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-08 00:15:24 UTC
From: barry whittemore
Topic: 11066 Message: 11068

i don't make this stuff up!!

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Sat, 7 Mar 2015 19:14:06 -0500
Subject: Re: [AWA Group] OLD QSTS

Vintage QST ham radio magazines - $1800
Buy now and make a fortune at the HAM fests this summer.
?

11069. Re: [AWA Group] OLD QSTS

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-08 00:20:16 UTC
From: Louis Vermond
Topic: 11066 Message: 11069

No one could...

----- Original Message -----
From: barry whittemore wb1edi@... [AWAGroup]
To: awa
Sent: 2015-03-07 7:15 PM
Subject: RE: [AWA Group] OLD QSTS

i don't make this stuff up!!

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Sat, 7 Mar 2015 19:14:06 -0500
Subject: Re: [AWA Group] OLD QSTS

Vintage QST ham radio magazines - $1800
Buy now and make a fortune at the HAM fests this summer. ?

11070. Re: [AWA Group] OLD QSTS

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-08 00:33:07 UTC
From: N1BUG
Topic: 11066 Message: 11070

Vintage QST ham radio magazines -?$1800?

Buy now and make a fortune at the HAM fests this summer. ?

Not likely!

Bugsy

11071. Re: No 19 wireless revival

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-10 10:05:17 UTC
From: dulmagedon@...
Topic: 11016 Message: 11071

I have been working on this steadily. I got tired of the rain barrel sound of a speaker mic so sorted through the dozen or so mic and mic elements I have here and found one that really seems to suit the No 19 well. I didn't have a holder so I made one out of ABS plumbing parts which can be considered faux bakelite. Came out pretty good. The HT! (low high voltage) fades during transmit because I was stacking two 300 volt supplies taking HT1 of the top of the bottom one and adding HT2 (PA tube Hi voltage) I am working on a stand lone AC supply the handles both and the heaters easily. Am also working on a HT2 vibrator supply but am waiting for a suitable transformer. I prefer to run this set from 12 volts and have hooked up my emergency solar power to a deep cycle battery which is always on charge when the sun shines. I then fed the 12 volts into the downstairs shack. I have gotten power levels to the high side of specs on AM and have also tried it driving my 811A linear which is does easily. I prefer though to run it barefoot. I am really enjoying this radio. Band conditions have not been that great lately when I have been on so I haven't had a real good QSO on it yet but have had enough responses to know it is getting out. Other then a quick test I haven't tried it on CW yet.
Didn't plan to enjoy it so much. There is a huge world wide support for these sets. I am surprised at the resources available and folks are using them too, not just polishing them.
don

11072. 5000 volt Sangamo caps

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-10 18:07:05 UTC
From: ab9zg@...
Topic: 11072 Message: 11072

I have a number of those dark brown oval Sangamo capacitors that are labeled simply "5000 VDC."

Does this refer to the working voltage or the test voltage? Anyone have documentation from Sangamo on the subject?

11073. SUCCESS! Ist contact

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-10 18:23:18 UTC
From: dulmagedon@...
Topic: 11073 Message: 11073

Today even though conditions were poor (noisy) I had a QSO on the No 19 with Tom KB2OUA. I am thrilled! And I am grateful he took the time and made the effort to come back to me. 184.1 miles on approx 5 watts or so output and running on a battery with my vibrator supply for most of its power. Now it is true Tom runs a great station and is a skilled operator however a QSO is a QSO. I think I will take the XYL out for dinner I feel so good!
don

11074. Re: [AWA Group] SUCCESS! Ist contact

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-10 22:16:20 UTC
From: Larry Szendrei
Topic: 11073 Message: 11074

Congrats, Don! I'm looking forward to talking to you on that rig.

73,
-Larry/NE1S

On 3/10/15 2:23 PM, dulmagedon@... [AWAGroup] wrote:
>
> Today even though conditions were poor (noisy) I had a QSO on the No
> 19 with Tom KB2OUA. I am thrilled! And I am grateful he took the time
> and made the effort to come back to me. 184.1 miles on approx 5 watts
> or so output and running on a battery with my vibrator supply for most
> of its power. Now it is true Tom runs a great station and is a skilled
> operator however a QSO is a QSO. I think I will take the XYL out for
> dinner I feel so good!
>
> don
>
>
>

11075. Re: [AWA Group] SUCCESS! Ist contact

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-11 02:13:02 UTC
From: dulmagedon@...
Topic: 11073 Message: 11075

Me too Larry. It is 353 miles between us so we will need good conditions but Tom said I was bouncing between S6 and S7 today so it is not impossible. Good conditions and a quiet day we might pull it off.
don

11076. REL Toon

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-11 16:30:39 UTC
From: Louis Vermond
Topic: 11076 Message: 11076
Attachments: 3 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

11077. RE: [AWA Group] REL Toon

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-11 17:22:26 UTC
From: Mike Feher
Topic: 11076 Message: 11077
Attachments: 1 described; binary payloads are missing from this source WARC

Hey Lou -

Where did you find the clips to go on the coil? I have some of those coils, but, no clips. Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, March 11, 2015 12:31 PM
To: AWAGroup
Subject: [AWA Group] REL Toon

11078. Re: [AWA Group] REL Toon

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-11 17:51:55 UTC
From: Louis Vermond
Topic: 11076 Message: 11078
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Mike,

This rig was 100% complete, they were original to the rig.

If you ever find a bunch of those clips pse have me in mind as I will you.

73, Lou

11079. Re: [AWA Group] 5000 volt Sangamo caps

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-12 02:24:50 UTC
From: Roger Kuchera
Topic: 11072 Message: 11079

Hi,
A lot of these type caps have been around since the days of WW2 surplus. Often they have a 6-32 threaded brass insert at each end. I'm guessing yours may be the type "CM-60". They were made by Sangamo, Aerovox, Cornell-Dubileer and others.
I'm guessing that the 5KV may be the test voltage but that is strictly a guess.

CUL, Roger/K1TG

On Tuesday, March 10, 2015 2:07 PM, "ab9zg@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

I have a number of those dark brown oval Sangamo capacitors that are labeled simply "5000 VDC."

Does this refer to the working voltage or the test voltage? Anyone have documentation from Sangamo on the subject?

11080. Re: No 19 wireless revival

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-12 03:26:37 UTC
From: dulmagedon@...
Topic: 11016 Message: 11080
Attachments: 1 described; binary payloads are missing from this source WARC

With the Mk11 up and running well I turned to the MkIII set which is very rough. It may still work though and is certainly repairable. I was missing a 6v6G and the 807 final. I dont have any of the old big 6v6g tubes so I am popping them out and putting in a matched pair of 6l6EH tall boys. I won't get any advantage because voltages are for 6v6g tubes but they are matched and will work just fine. I dont have any 807 tubes but have a dozen 829B which are basically a 807 pair. I can make an adapter socket easily and since the is radio is so rough hot rodding it a bit wont bother me as much. I have done similar deals with 829B tubes before and have one with an octal pattern I made to replace a 6146B. In fact I had it going last month. Current draw on the heater is more but I think it should be ok. If not I can find a work around. I am having difficulyt finding the MKIII power and control socket pinouts. I may have to resort to my old trick of feeding the pins with clip,leads and a 9 volt battery and seeing where the voltage goes, then labeling them. That way nothing gets hurt and I figure it out.
don

11081. Re: 5000 volt Sangamo caps

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-12 14:18:11 UTC
From: ab9zg@...
Topic: 11072 Message: 11081

Thanks Roger.

I should have posted a picture: https://lh4.googleusercontent.com/-deumPIdrswE/VQGdv6WPLdI/AAAAAAAABxg/X31GQYz72og/s800/IMG_0206.JPG https://lh4.googleusercontent.com/-deumPIdrswE/VQGdv6WPLdI/AAAAAAAABxg/X31GQYz72og/s800/IMG_0206.JPG

Jon

11082. Re: [AWA Group] Re: 5000 volt Sangamo caps

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-12 15:29:17 UTC
From: Louis Vermond
Topic: 11072 Message: 11082
Attachments: 1 described; binary payloads are missing from this source WARC

Jon, Seeing this I would say, working. Lou

11083. Re: No 19 wireless revival

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-12 15:34:19 UTC
From: dulmagedon@...
Topic: 11016 Message: 11083

The deeper I dig the worse it gets. It is too rough and rusted to bother with. Even the wiring is rotten(green)

project scratched
don

11084. Re: [AWA Group] Re: 5000 volt Sangamo caps

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-12 15:38:11 UTC
From: N1BUG
Topic: 11072 Message: 11084
Attachments: 1 described; binary payloads are missing from this source WARC

I have several of those in my pile. Some are marked 5000 VDC, others B.D.T. 5000 V. They all look identical so I am guessing breakdown voltage.

I'm reasonably certain I have, somewhere in my collection of files, an ad from back in the day which mentions the high voltage versions of these (I believe there is a 2500V in addition to the 5000V). It may provide more information if I can locate it.

Paul

On 03/12/2015 11:29 AM, Louis Vermond ldvermond@... [AWAGroup] wrote:

☐
Jon, Seeing this I would say, working. Lou

11085. Two Questions...RFC Catch-up

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-12 15:39:07 UTC
From: Louis Vermond
Topic: 11085 Message: 11085

I wind most of my RFC including HV plate chokes on hardwood doweling which is dry and hard. Never ever had an issue. Shrink? I am betting you couldn't measure any shrink with a micrometer even. Many of the wood treatment ideas are based in urban myth. Depend more on the type of wood then anything else.

But shrink it did, but tks, Don. 73, Lou

11086. Re: [AWA Group] Re: No 19 wireless revival

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-12 15:49:08 UTC
From: Louis Vermond
Topic: 11016 Message: 11086

Parts?

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-03-12 11:34 AM
Subject: [AWA Group] Re: No 19 wireless revival

The deeper I dig the worse it gets. It is too rough and rusted to bother with. Even the wiring is rotten(green)

project scratched
don

11087. Re: [AWA Group] Re: 5000 volt Sangamo caps

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-12 16:23:18 UTC
From: Steve
Topic: 11072 Message: 11087

>Jon, Seeing this I would say, working. Lou

I agree but I sure wouldn't want to do that to one of these today :-)

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11088. Re: No 19 wireless revival

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-12 21:13:07 UTC
From: JAMES HANLON
Topic: 11016 Message: 11088

Don,

I'm sure I could find a good used 807 in my junque for your Mark III. Interested?

Jim Hanlon, w8KGI

11089. Re: No 19 wireless revival

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-12 23:31:57 UTC
From: dulmagedon@...
Topic: 11016 Message: 11089

Thanks Jim for the offer but this radio is too far gone. Amazing when you put your glasses on what you find. It looked pretty good when I couldn't see. Bottom line is I got one real nice good working radio in the deal, the MK11 Canadian and this will serve for spare parts if I need them. However I was fooling around looking at the B set section (vhf 235mcs AM simple tx and supergenny combined) I had heard of folks bringing them down to 220Mcs ham band and was able to do that by squeezing the coil spacing. (high side of band)I had heard of folks making a 144mc coil for the rig but I already have a heathkit twoer lunchbox. 6m sounded attractive so I took my GDO which goes to 250mcs and popped in the 45 to 100 coil. At 11 turns I was able to hit the 6M band full on. I will solder it in and test it on this derilect set since there is little to this part of the set. If it works and receives ok I may do the mod carefully to the No 19 MK11 so I would be good on 160M 80M 40M and 6M. It may not be practical but since the B set is almost another standalone rig I can try it for fun and see if it has any merit. It is only .4 watts so not really too useful but it could be fun anyway. Meanwhile I am waiting for some good propagation so I can work NE1S on 7290kcs barefoot.
don

11090. Longwave is hot tonight

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-13 02:23:55 UTC
From: dulmagedon@...
Topic: 11090 Message: 11090

I brought my two tube LW regen upstairs and hooked it up today. I could hear the Trenton beacon today but tonight lots of signals. One YMW reportedly is Maniwacki Quebec.
I am hoping Steve can shed some light on it. I suspect a marine beacon but don't know. Also heard some faint CW of message style much lower in the band. I tune approx 300 to 500kcs. I need to improve the volume on this set a bit. It is different somehow listening on longwave. Why I don't know but it is. Almost spooky.

don

11091. Re: [AWA Group] Longwave is hot tonight

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-13 02:44:11 UTC
From: Steve
Topic: 11090 Message: 11091

>One YMW reportedly is Maniwacki Quebec.
> I am hoping Steve can shed some light on it.

It's an NDB about 4 miles from the Maniwaki Airport. Odd that you should mention it as I also mentioned it and have a recording of it on my blog today...heard here on Tuesday night....it's a 500 watter.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11092. Re: [AWA Group] Longwave is hot tonight

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-13 10:28:54 UTC
From: dulmagedon@...
Topic: 11090 Message: 11092

Thanks. I was surprised so many signals. However judging from the Trenton beacon the rig is not real happy on the sort of beverage antenna I had it on. I will have to play around with my other upstairs antennas and see which it likes better for now. Downstairs I had hooked it up to my 80M longwire which is simply the very best ham radio antenna I have ever had up. I don't usually listen on it but it was quick and easy however last nights experiment upstairs has me thinking. I need to come up with a good LW antenna up here but something not too complicated. Not sorry I built the regen. Free built (no schematic or plan)and from my junk box I don't have a dime invested and I am already having dollars worth of fun. It is always fun exploring new frontiers in the hobby. I found the bit on the Oshawa Airport beacon interesting. It will be intriguing to see what the actual power really is. Because if it is as stated then It is possible I could build a low power tx and do some CW in the ham portion of the band. Maybe a 6l6 quad four final with a 6ag7 osc
don

11093. Re: [AWA Group] SUCCESS! Ist contact

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-14 16:45:08 UTC
From: dulmagedon@...
Topic: 11073 Message: 11093

I was on just before lunch here on the No Net 40M net I believe they called it. I believe net control said he was in CT but I may be wrong because I was a bit excited. They had been discussing BC series Aircraft sets and old militry sets in general just before the net call and I was listening on the No 19 (which has very good ears on 40M) the vibrator power supply singing merrily away hooked to the solar charged deep cycle battery in the next room. He said any further check ins? I had nothing to lose so threw the switch and spoke into the mic. I got them. He asked what I was running I said a no 19 barefoot about 6 watts out. He at one point gave me a 10 over report and even if that was over generous obviously I was getting there. I didn't hear Larry in there but asked them to make sure they told NE1S that VE3LYX was in on the no 19 looking for him. I am surprised and conditions were not terrible but not great either with a fair amount of background noise.(maybe S3 or S4 constant) I finished the conversation and excused myself as my HT2 (PA plate voltage) was starting to sag as the battery protested its mornings long workout. I am enjoying this radio and sit here wondering what to do with the Heathkit DX60B and HR10B. Somehow they just dont fit in anymore.Something about running a 70 year old transceiver that is just a lot of fun. I don't know the distance because I forgot already net controls call. (dropped my pencil cause my hands were shaking with excitement.)Probably around 350 miles or so I think. Anyway maybe next try some of you east coast guys will be there.
don

11094. Re: [AWA Group] SUCCESS! Ist contact

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-14 20:55:29 UTC
From: Larry Szendrei
Topic: 11073 Message: 11094

Sorry I missed you, Don. I was busy earlier in the day and started listening on 40M AM (7285 - 7295) at about 1340 local. Heard N1BCG, W1BBC, WX3K, K1KW, and W1TNA. I didn't join in, but if I had heard you, I would have.

73,
-Larry/NE1S

On 3/14/15 12:45 PM, dulmagedon@... [AWAGroup] wrote:
>
> I was on just before lunch here on the No Net 40M net I believe they
> called it. I believe net control said he was in CT but I may be wrong
> because I was a bit excited. They had been discussing BC series
> Aircraft sets and old militry sets in general just before the net call
> and I was listening on the No 19 (which has very good ears on 40M) the
> vibrator power supply singing merrily away hooked to the solar charged
> deep cycle battery in the next room. He said any further check ins? I
> had nothing to lose so threw the switch and spoke into the mic. I got
> them. He asked what I was running I said a no 19 barefoot about 6
> watts out. He at one point gave me a 10 over report and even if that
> was over generous obviously I was getting there. I didn't hear Larry
> in there but asked them to make sure they told NE1S that VE3LYX was in
> on the no 19 looking for him. I am surprised and conditions were not
> terrible but not great either with a fair amount of background
> noise.(maybe S3 or S4 constant) I finished the conversation and
> excused myself as my HT2 (PA plate voltage) was starting to sag as the
> battery protested its mornings long workout. I am enjoying this radio
> and sit here wondering what to do with the Heathkit DX60B and HR10B.
> Somehow they just dont fit in anymore.Something about running a 70
> year old transceiver that is just a lot of fun. I don't know the
> distance because I forgot already net controls call. (dropped my
> pencil cause my hands were shaking with excitement.)Probably around
> 350 miles or so I think. Anyway maybe next try some of you east coast
> guys will be there.
> don
>
>

11095. Re: [AWA Group] SUCCESS! Ist contact

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-14 23:04:16 UTC
From: dulmagedon@...
Topic: 11073 Message: 11095

We'll catch up I am sure. It was Clark I was talking to I believe. He isnt as far away as I thought. Only about 282 miles but that is about 100 more then my last (and first with the No 19)
I got lucky today. My brother was cleaning out his basement and asked if I could use 4 old vibrator radios no charge. Just picked them up. Three 6volts and one 12v. One has a pretty good looking transformer and is the 12V. I see a new PS in my future!
don

11096. Loop Recordings

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-16 21:36:12 UTC
From: Louis Vermond
Topic: 11096 Message: 11096
Attachments: 2 described; binary payloads are missing from this source WARC

VE3BDV/VE3AWA > VE3GRO

Today - 3615 - 3:45PM

11097. Re: [AWA Group] Loop Recordings [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-16 23:23:39 UTC
From: Larry Szendrei
Topic: 11096 Message: 11097

FB, Lou! How far is Harry from you?

11098. Re: [AWA Group] Loop Recordings

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-17 00:56:15 UTC
From: Louis Vermond
Topic: 11096 Message: 11098

FB, Lou! Thanks, Larry.

How far is Harry from you? 20 miles as the RF flies.

11100. Good vibrations for my Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-19 22:46:08 UTC
From: dulmagedon@...
Topic: 11100 Message: 11100

I am surrounded by vibrator power supplies mostly put together from old car radios of the fifties. Some 6 v and some 12v. While they all work they simply don't have enough iron to handle a heavy load. When I switch to transmit now that i have optimized my No 19 with a antenna matcher and such it really grunts on TX and I lose at least 50 volts of my main HT voltage. Still works and I have worked some dx of sorts but it not the way I want it. I am on the hunt for a proper Vib supply for my No 19 as that is what Canadian troops used. However I have all these neat little supplies and they work well. I decided to convert one to use on my Hartley. The idea of battery power on the heater appeals to me. I had to get a bit creative to seperate the heater (6 volt supply) and cathode supply which are both grounded in the vib supply. Now the cathode is free and the b- is fed through a pair of low ohmage resistors same as my TNT. It is also keyed. Now I have the deal working and I can kiss my best worst signal award goodbye. Since I am preparing to loop with Lou (if the sun ever settles down and gives us some good prop)I also taped my mic PTTdown and rigged my mic so I dont touch it or hold it thereby eliminating one of the big drawbacks of the system. (no touchy no wiggly). (Lou hung his in front of himself) A 6v spotlight gel cell tuns the whole deal well surprisingly.
don

11101. Re: [AWA Group] SUCCESS! Ist contact

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-20 02:11:25 UTC
From: dulmagedon@...
Topic: 11073 Message: 11101

I am having a great week. Tonight I went down to my basement shack to make sure everything was turned off. while i was putting stuff away I flipped on the No 19 and was reading the mail as i worked. I heard Frank K3SQP talking to a New York station (--vwp?) just as the NY station stepped aside to take a phone call he asked if anyone else was out there. Steve (I wrote his call down wrong. He likes to talk about fishing) came back and then Frank asked him to drag his feet on the changeover. I hit the Hi voltage (HT2)supply switch and gave it a shot. Bingo. Had a bit of an exchange with both of them. I think Steve said he was in Mass and Frank is in Pittsburg PA. I can hardly believe this. I am running barefoot! 6 or 7 watts tops. I don't get any better results with my Dx60B. Sorry to get so cranked up but I am having a ball with this old rig!
don

11102. Re: [AWA Group] SUCCESS! Ist contact

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-20 02:16:51 UTC
From: Louis Vermond
Topic: 11073 Message: 11102

Sorry to get so cranked up but I am having a ball with this old rig! No sweat, Don. FB...

73 es GN, Lou

11103. Re: [AWA Group] Loop Recordings

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-21 02:39:05 UTC
From: dulmagedon@...
Topic: 11096 Message: 11103

I was playing around with my Hartley today and made a voice delivery tube allowing me to set the mic on the desk with the PTT taped on and speak into the tube eliminating the need to hold the mic and its cord. 14 inches seemed to work the best . 3 1/2 feet had an odd sound The shorter sounded little different from my normal method except the hand effect or body effect of holding something in the tuned circuit is gone. Now all we need is a good propagation, low noise day for a loop de loop with Lou. Eventually i would like to mount the mic in the set right at the tank and use the voice tube.
don.

11104. Reducing FM of plate modulated self-exited oscillator

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-21 20:31:15 UTC
From: ab9zg@...
Topic: 11104 Message: 11104

I am building a whimsical phone transmitter consisting of a parallel fed 203A Hartley with a 211 Heising modulator. I plan to run them both at 1250 volts on the plate with about 60% modulation.

I fired up the oscillator today with the modulator removed and varied the plate voltage from 1250 volts to 500 volts using a variac. I noted that the oscillator frequency changed by about 270 Hz, which seems quite high. When the plate voltage is not being modulated, the oscillator runs pretty stability and without appreciable chirp.

Some of you guys have stated that you have gotten your modulated oscillators to run with minimal FM. Care to share what you adjusted to specifically maximize the frequency stability during modulation?

https://lh4.googleusercontent.com/-p6noi2LqBT8/VQ3J9pPI0UI/AAAAAAAAByI/DxvegIarRJY/s800/IMG_0235.JPG https://lh4.googleusercontent.com/-p6noi2LqBT8/VQ3J9pPI0UI/AAAAAAAAByI/DxvegIarRJY/s800/IMG_0235.JPG

11105. Re: Reducing FM of plate modulated self-exited oscillator

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-22 11:47:24 UTC
From: dulmagedon@...
Topic: 11104 Message: 11105

go gentle, no more then necesary. find the spot were you can modulate to, that will not push you over the edge and stay below it. Stiff wires and short leads and for us I found under 5 watts out it was doable and that was all I wanted. My hi power hartley (211) was uncontrolalble above 600 volts and ran away with itself. But with heising and a bit of restaint you might pull it off if you tread lightly. We were and are stealing (absorbing)RF output power from going out the antenna rather then modulating the osc. If we were moding the osc we were pushing it too hard and increased spacing (or added an adjustable R in the mic circuit) so it didnt bother it. Your experience may be quite a bit different. Anyway, you asked, this is what I found.
don

11106. RE: [AWA Group] Reducing FM of plate modulated self-exited oscillator

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-22 13:28:43 UTC
From: Mike Feher
Topic: 11104 Message: 11106

Nice looking rig. The FM problem reminds me of the BC191/BC375 which is a modulated MOPA. A lot of guys got these working on the air, and had FM problems. The FM issue was almost completely eliminated by proper neutralization. I never did power mine up, and I have a nice one in the basement. Here is an excerpt about neutralizing the 191/375:

“Dynamic Neutralization - Probably the Most Important Step - The BC-375 is usually found without its matching serial number Tuning Units. This means that the "orphan" TUs were neutralized to a different BC-375 and will require neutralization to your BC-375. Any non-matching serial number TU that are to be used absolutely need to have their neutralization adjusted for minimum FMing. If the transmitter TU is not neutralized, then some minor parasitic feedback in the master oscillator will cause frequency instability, or FMing, causing more audio distortion. This parasitic feedback is made worst when the +HV is fluctuating with the load. The easiest neutralization method requires a receiver capable of FM detection that will tune to the BC-375 transmitter frequency. These types of receivers are always limited to more modern types of communications and SWL receivers. I use a Yaesu FRG-8800 which does have the capability of receiving FM on all frequencies. Tune in the transmitter's signal on the FM receiver and talk into the microphone. If the BC-375 is FM'ing, you will hear yourself quite easily. It's best to use earphones for monitoring. Adjust the TU neutralizing control until you no longer hear your voice modulation and the FM'ing and audio distortion should be at a minimum for that tuning unit at that frequency. You might have to adjust for the minimum audio response as voice peaks always seem to cause a little bit of FMing. The difference can be checked by switching the receiver over to AM detection and listening to yourself transmit. All of the "fuzzy" sounds should be gone and the AM signal should sound clear and intelligible. If you have the proper kind of FM detector-receiver, it's easy to check the neutralizing often and the results are simply amazing. There is no other easy way to set the neutralizing on the tuning units. NOTE 1: Even if you are using a +28vdc high current power source, you still need to do this neutralization to assure the transmitter doesn't distort because of parasitic oscillations. NOTE 2: I have tried other methods to set the neutralization for minimum FMing, like using a standard communications receiver with the BFO on and listen for deviations in the carrier frequency but this doesn't work at all. About the closest to FM monitoring is to use earphones to monitor your BC-375 AM signal on a standard communications receiver and adjust the neutralization for the best sounding audio. This will get you kind of close but not as close as the FM receiver does. Thanks to Tom Horsfall, WA6OPE for the dynamic neutralizing information using an HF FM receiver.”

73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, March 21, 2015 4:31 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Reducing FM of plate modulated self-exited oscillator

I am building a whimsical phone transmitter consisting of a parallel fed 203A Hartley with a 211 Heising modulator. I plan to run them both at 1250 volts on the plate with about 60% modulation.

I fired up the oscillator today with the modulator removed and varied the plate voltage from 1250 volts to 500 volts using a variac. I noted that the oscillator frequency changed by about 270 Hz, which seems quite high. When the plate voltage is not being modulated, the oscillator runs pretty stability and without appreciable chirp.

Some of you guys have stated that you have gotten your modulated oscillators to run with minimal FM. Care to share what you adjusted to specifically maximize the frequency stability during modulation?

https://lh4.googleusercontent.com/-p6noi2LqBT8/VQ3J9pPI0UI/AAAAAAAAByI/DxvegIarRJY/s800/IMG_0235.JPG

11107. RE: [AWA Group] Reducing FM of plate modulated self-exited oscillator

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-22 13:50:54 UTC
From: Mike Feher
Topic: 11104 Message: 11107

I forgot to add the link to the below excerpt and give credit to its author. This is the link:

http://www.radioblvd.com/using_the_bc375e_today.htm 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, March 22, 2015 9:29 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Reducing FM of plate modulated self-exited oscillator

Nice looking rig. The FM problem reminds me of the BC191/BC375 which is a modulated MOPA. A lot of guys got these working on the air, and had FM problems. The FM issue was almost completely eliminated by proper neutralization. I never did power mine up, and I have a nice one in the basement. Here is an excerpt about neutralizing the 191/375:

“Dynamic Neutralization - Probably the Most Important Step - The BC-375 is usually found without its matching serial number Tuning Units. This means that the "orphan" TUs were neutralized to a different BC-375 and will require neutralization to your BC-375. Any non-matching serial number TU that are to be used absolutely need to have their neutralization adjusted for minimum FMing. If the transmitter TU is not neutralized, then some minor parasitic feedback in the master oscillator will cause frequency instability, or FMing, causing more audio distortion. This parasitic feedback is made worst when the +HV is fluctuating with the load. The easiest neutralization method requires a receiver capable of FM detection that will tune to the BC-375 transmitter frequency. These types of receivers are always limited to more modern types of communications and SWL receivers. I use a Yaesu FRG-8800 which does have the capability of receiving FM on all frequencies. Tune in the transmitter's signal on the FM receiver and talk into the microphone. If the BC-375 is FM'ing, you will hear yourself quite easily. It's best to use earphones for monitoring. Adjust the TU neutralizing control until you no longer hear your voice modulation and the FM'ing and audio distortion should be at a minimum for that tuning unit at that frequency. You might have to adjust for the minimum audio response as voice peaks always seem to cause a little bit of FMing. The difference can be checked by switching the receiver over to AM detection and listening to yourself transmit. All of the "fuzzy" sounds should be gone and the AM signal should sound clear and intelligible. If you have the proper kind of FM detector-receiver, it's easy to check the neutralizing often and the results are simply amazing. There is no other easy way to set the neutralizing on the tuning units. NOTE 1: Even if you are using a +28vdc high current power source, you still need to do this neutralization to assure the transmitter doesn't distort because of parasitic oscillations. NOTE 2: I have tried other methods to set the neutralization for minimum

FMing, like using a standard communications receiver with the BFO on and listen for deviations in the carrier frequency but this doesn't work at all. About the closest to FM monitoring is to use earphones to monitor your BC-375 AM signal on a standard communications receiver and adjust the neutralization for the best sounding audio. This will get you kind of close but not as close as the FM receiver does. Thanks to Tom Horsfall, WA6OPE for the dynamic neutralizing information using an HF FM receiver."

73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

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11108. RE: [AWA Group] Reducing FM of plate modulated self-exited oscillator

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-22 15:49:56 UTC
From: Ron Barlow
Topic: 11104 Message: 11108

Hi Mike,
Very interesting!
For those that have no access to an HF rcvr, with FM receive capability, I wonder if reasonably good results could be achieved by using an FM BC rcvr, to listen for the desired minimal FMig?

On Sun, 3/22/15, 'Mike Feher' n4fs@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: RE: [AWA Group] Reducing FM of plate modulated self-exited oscillator
To: AWAGroup@yahoogroups.com
Date: Sunday, March 22, 2015, 9:28 AM
Nice looking rig.
The FM problem reminds me of the BC191/BC375 which is a
modulated MOPA. A lot of guys got these working on the air,
and had FM problems. The FM issue was almost completely
eliminated by proper neutralization. I never did power mine
up, and I have a nice one in the basement. Here is an
excerpt about neutralizing the 191/375: “Dynamic
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Step - The BC-375 is usually found without
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non-matching serial number TU that are to be used
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for minimum FMing. If the transmitter TU is not neutralized,
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will cause frequency instability, or FMing, causing more
audio distortion. This parasitic feedback is made worst when
the +HV is fluctuating with the load. The easiest
neutralization method requires a receiver capable of FM
detection that will tune to the BC-375 transmitter
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a Yaesu FRG-8800 which does have the capability of receiving
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might have to adjust for the minimum audio response as voice
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difference can be checked by switching the receiver over to AM detection and listening to yourself transmit. All of the "fuzzy" sounds should be gone and the AM signal should sound clear and intelligible. If you have the proper kind of FM detector-receiver, it's easy to check the neutralizing often and the results are simply amazing. There is no other easy way to set the neutralizing on the tuning units. NOTE 1: Even if you are using a +28vdc high current power source, you still need to do this neutralization to assure the transmitter doesn't distort because of parasitic oscillations. NOTE 2: I have tried other methods to set the neutralization for minimum FMing, like using a standard communications receiver with the BFO on and listen for deviations in the carrier frequency but this doesn't work at all. About the closest to FM monitoring is to use earphones to monitor your BC-375 AM signal on a standard communications receiver and adjust the neutralization for the best sounding audio. This will get you kind of close but not as close as the FM receiver does. Thanks to Tom Horsfall, WA6OPE for the dynamic neutralizing information using an HF FM receiver."
73 – Mike

Mike B. Feher,
N4FS89 Arnold
Blvd.Howell, NJ,
07731732-886-5960

From: AWAGroup@yahoogroups.com
[mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, March 21, 2015 4:31 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Reducing FM of plate modulated self-exited oscillator I am building a whimsical phone transmitter consisting of a parallel fed 203A Hartley with a 211 Heising modulator. I plan to run them both at 1250 volts on the plate with about 60% modulation.

I fired up the oscillator today with the modulator removed and varied the plate voltage from 1250 volts to 500 volts using a variac. I noted that the oscillator frequency changed by about 270 Hz, which seems quite high. When the plate voltage is not being modulated, the oscillator runs pretty stability and without appreciable chirp. Some of you guys have stated that you have gotten your modulated oscillators to run with minimal FM. Care to share what you adjusted to

specifically maximize the frequency stability during modulation? https://lh4.googleusercontent.com/-p6noi2LqBT8/VQ3J9pPI0UI/AAAAAAAAByI/DxvegIarRJY/s800/IMG_0235.JPG

11109. Re: [AWA Group] Reducing FM of plate modulated self-exited oscillator

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-22 18:58:47 UTC
From: Larry Szendrei
Topic: 11104 Message: 11109

Hi Jon,

I made no attempt to optimize this. I just had a Hartley that was stable on CW, inserted my modulator (PP class AB2 45's through an old Kenyon mod xfmr) and it worked well, with minimal (albeit unquantified) FM). The only trick I used was to limit the negative peak excursions so that the oscillator wouldn't shut down on negative peaks wit the following circuit:

http://www.amwindow.org/tech/htm/3diodeka.htm

In my case I use a keep-alive voltage of about 24V with a DC plate voltage of 400V on both the Hartley and modulators (common B+ supply). The keep-alive voltage is off a voltage divider on the same supply. I am able to modulate in excess of 90% in the negative direction, and 100% (perhaps a bit more) on positive peaks.

You may or may not want to use such a circuit depending on your objectives for the project, as I'm sure it wasn't conceived in 1929. (It should be adaptable to single-ended Heising modulation.) Mercury vapor (vapour for Lou) rectifiers can be used as the diodes but you'll need at least two filament transformers to light them. Of course, if you don't exceed 60% modulation in the 1st place you won't need this at all.

Incidentally, I have a friend who runs plate-modulated oscillators who isn't concerned about stability or incidental FM, and he optimizes his oscillator for maximum power output, stability be damned. His tank circuits are not high-C (and are thus lower Q) and I suspect this may come to play in the result. He has a quite a bit of incidental FM. I think if you start with a well-built, stable oscillator you will also minimize the FM component.

73,
-Larry/NE1S

On 3/21/15 4:31 PM, ab9zg@... [AWAGroup] wrote:
>
> I am building a whimsical phone transmitter consisting of a parallel
> fed 203A Hartley with a 211 Heising modulator. I plan to run them both
> at 1250 volts on the plate with about 60% modulation.
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>
> Some of you guys have stated that you have gotten your modulated
> oscillators to run with minimal FM. Care to share what you adjusted to
> specifically maximize the frequency stability during modulation?
>
>
> https://lh4.googleusercontent.com/-p6noi2LqBT8/VQ3J9pPI0UI/AAAAAAAAByI/DxvegIarRJY/s800/
IMG_0235.JPG
>
>

11110. Re: [AWA Group] Reducing FM of plate modulated self-exited oscillator

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-22 20:00:29 UTC
From: Louis Vermond
Topic: 11104 Message: 11110

I have a friend who runs plate-modulated oscillators who isn't concerned about stability or incidental FM, and he optimizes his oscillator for maximum power output, stability be damned.

My kinda Op.... Lour

11111. Re: [AWA Group] SUCCESS! Ist contact

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-23 02:06:55 UTC
From: dulmagedon@...
Topic: 11073 Message: 11111

This afternoon about 515pm my time 40m opened up for a bit and I worked NYC on the 19. Man, This is a fun radio!
don

11112. Re: Reducing FM of plate modulated self-excited oscillator

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-23 15:56:40 UTC
From: JAMES HANLON
Topic: 11112 Message: 11112

This a thought arising from the theory of Frequency Modulation that was triggered by Mike Feher's description of "dynamic neutralization" of his BC-375. I haven't tried this in practice so it may or may not be useful, but for you guys who are concerned about incidental FM during modulation, it could be useful.

Mathematical analysis of a sinusoidally modulated FM signal shows that it consists of a carrier of fixed frequency plus multiple upper and lower sidebands spaced from the carrier by an integral multiple of the modulation frequency. So for example, if you are modulating with a 1 kHz sinusoid, you will have sidebands at 1 kHz, 2 kHz, 3 KHz, etc above and below the carrier frequency. An AM signal will, as you know, have only one sideband at 1 kHz above and below the carrier under the same conditions.

If you had a selective AM receiver, something with a good crystal filter or a sufficiently narrow mechanical filter, and if you could supply a sinusoidal modulating signal from an audio oscillator - just whistling into a carbon mike probably would not do the job - you could tune into the second order sideband, at 2 kHz away from the carrier in our example, and adjust the BC375 neutralization or the audio level in case of a modulated oscillator rig, to null out that sideband. That would eliminate or minimize the FM portion of the signal, and it would not require an FM receiver to do the job as Mike described.

A long time ago when I was teaching EE at Ohio State and the eyes of my students had glazed over due to my blackboard presentation of FM involving Bessel Functions, I pulled an AM/FM signal generator out of the lab along with an HP audio oscillator and an HRO-60. We were able to tune in to the individual sidebands of both AM and FM signals and to see how those sidebands varied as we increased the modulation index of our FM signal. It worked beautifully. There are even levels of the modulation index where the carrier actually nulls out, and we were able to observe that happening, with nothing more for a detector than the HRO with its crystal filter in position 5 and by watching its S-meter.

Just a thought.

Jim Hanlon, W8KGI

11113. RE: [AWA Group] Re: Reducing FM of plate modulated self-excited oscillator

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-23 16:08:44 UTC
From: Mike Feher
Topic: 11112 Message: 11113

Hi Jim -

I cannot take credit for that method as I cut and pasted from the link that I provided. It was just that almost anyone I talked to using a BC-191/375 always had an FM issue till they did the neutralization.

It has been a long time ago but I do remember the good old Bessel functions. I used to use the Bessel zero crossing (nulling) to set the deviation of my 2 meter rigs back in the 70's.

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, March 23, 2015 11:57 AM
To: AWA Group
Subject: [AWA Group] Re: Reducing FM of plate modulated self-excited oscillator

This a thought arising from the theory of Frequency Modulation that was triggered by Mike Feher's description of "dynamic neutralization" of his BC-375. I haven't tried this in practice so it may or may not be useful, but for you guys who are concerned about incidental FM during modulation, it could be useful.

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Just a thought.

Jim Hanlon, W8KGI

11114. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-23 16:39:07 UTC
From: Louis Vermond
Topic: 130 Message: 11114

http://www.ebay.com/itm/MATCHED-PAIR-NEW-CARDWELL-180pf-VARIABLE-AIR-CAPACITORS-HAM-AMATEUR-RADIO-/371288025093?

11115. Re: [AWA Group] Re: Reducing FM of plate modulated self-excited oscillator

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-23 19:43:21 UTC
From: Larry Szendrei
Topic: 11112 Message: 11115

Great ideas, Jim. I too remember about learning about Bessel functions in my differential equations class, and their application in the frequency-domain analysis of FM in a communications engineering class.

Another useful tool would be a spectrum analyzer (which I don't have, or the spectrum display of an SDR (which I do have).

Thinking about the FM sidebands gave me another thought. I have had several phasing-type SSB exciters (which usually include PM as an available mode). When an audio tone is used for nulling the undesired sideband during alignment in USB and LSB modes, sometimes there are multiple sidebands at multiples of the modulating frequency. At first I chalked this up to driving an audio stage into saturation, creating harmonics, but I remember on at least one occasion they appeared immediately as the audio gain was increased from zilch right at the audio signal generator, i.e., prior to the 1st audio stage of the exciter. I wonder if the modulator could be producing some FM (or PM) even though the selected mode is SSB? Anyone else run into this?

73,
-Larry/NE1S

On 3/23/15 11:56 AM, JAMES HANLON knjhanlon@... [AWAGroup] wrote:
>
> This a thought arising from the theory of Frequency Modulation that
> was triggered by Mike Feher's description of "dynamic neutralization"
> of his BC-375. I haven't tried this in practice so it may or may not
> be useful, but for you guys who are concerned about incidental FM
> during modulation, it could be useful.
>
> Mathematical analysis of a sinusoidally modulated FM signal shows that
> it consists of a carrier of fixed frequency plus multiple upper and
> lower sidebands spaced from the carrier by an integral multiple of the
> modulation frequency. So for example, if you are modulating with a 1
> kHz sinusoid, you will have sidebands at 1 kHz, 2 kHz, 3 KHz, etc
> above and below the carrier frequency. An AM signal will, as you
> know, have only one sideband at 1 kHz above and below the carrier
> under the same conditions.
>
> If you had a selective AM receiver, something with a good crystal
> filter or a sufficiently narrow mechanical filter, and if you could
> supply a sinusoidal modulating signal from an audio oscillator - just
> whistling into a carbon mike probably would not do the job - you could
> tune into the second order sideband, at 2 kHz away from the carrier in
> our example, and adjust the BC375 neutralization or the audio level in

> case of a modulated oscillator rig, to null out that sideband. That
> would eliminate or minimize the FM portion of the signal, and it would
> not require an FM receiver to do the job as Mike described.
>
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> my students had glazed over due to my blackboard presentation of FM
> involving Bessel Functions, I pulled an AM/FM signal generator out of
> the lab along with an HP audio oscillator and an HRO-60. We were able
> to tune in to the individual sidebands of both AM and FM signals and
> to see how those sidebands varied as we increased the modulation index
> of our FM signal. It worked beautifully. There are even levels of
> the modulation index where the carrier actually nulls out, and we were
> able to observe that happening, with nothing more for a detector than
> the HRO with its crystal filter in position 5 and by watching its
> S-meter.
>
> Just a thought.
>
> Jim Hanlon, W8KGI
>
> --
>

11116. FM/PM from SSB phasing rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-24 18:49:09 UTC
From: JAMES HANLON
Topic: 11116 Message: 11116

Larry, NE1S, brought up an interesting topic, the PM signal that can be generated by the old, phasing-type balanced modulator SSB exciters.

So I just tried an experiment with my Central Electronics 100V, which can generate either USB, LSB or DSB (AM) with or without a carrier, CW, FSK, and also PM with carrier. I dug out an old Eico 378 Audio Generator - it makes decent audio sine waves and has a variable output from about .0005 volts up to 10 volts. I set the Eico for 2 kHz and hooked it up to the microphone input of the 100V, and I observed the spot/monitor output of the 100V under various settings of the Emission switch. I used my HRO-50 which has a 200 Hz mechanical filter in the IF for a "spectrum analyzer."

In all of the various AM/SSB emission settings, with and without carrier, I observed basically what you would expect. In particular on DSB plus carrier, traditional AM, I found the carrier, two sidebands, and a very low level set of second order sidebands that were probably the result of distortion in the Eico waveform or of nonlinearity in the 100V audio chain. When I switched to the PM emission setting I found the same thing as with the DSB AM mode, a carrier, two strong first-order sidebands, and two very weak second order sidebands. Switching back and forth between AM and PM I noted that both sets of sidebands were a bit stronger in the AM mode than in the PM mode, at least for the amount of audio drive I was using.

I found no trace of sidebands beyond the second order in the PM mode, even with substantially more audio drive from the Eico.

So I'd have to conclude that the PM modulation in this phasing rig is sort of a pseudo-PM that generates only the first-order sidebands but nothing beyond that. That's what I would expect, since the balanced modulators are generating, ideally, only first order sidebands and that you get the resultant DSB, SSB or PM signals by just varying the phase of the output of the balanced modulators as you combine their signals.

Jim, W8KGI

11117. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-25 00:20:15 UTC
From: Louis Vermond
Topic: 130 Message: 11117

http://www.ebay.com/itm/Rare-Vitnage-de-Forest-552-aka-RCA-852-100-Watt-Triode-Tube-N-R-/351351967865?pt=LH_DefaultDomain_0&hash=item51ce359079

11118. Re: eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-25 11:54:42 UTC
From: dulmagedon@...
Topic: 130 Message: 11118

Lot 72 Assorted Pre-Octal Radio Tubes 01A 24A 26 27 35 42 43 45 71A 80 6C6 +More http://www.ebay.com/itm/Lot-72-Assorted-Pre-Octal-Radio-Tubes-01A-24A-26-27-35-42-43-45-71A-80-6C6-More-/281638200678?pt=LH_DefaultDomain_2&hash=item4192f1e566

11119. Re: FM/PM from SSB phasing rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-25 12:23:52 UTC
From: dulmagedon@...
Topic: 11116 Message: 11119

Speaking of PM etc I remember an article, may have been in an old CQ or 73 mag I read back in the day when men were still men and tubes were king, about an experiment on 2M with modulation by antenna polarization. (horizontal vrs vertical.) It produced quite a discussion. I am sure I kept the article because I liked so much the writer tried it in real life and got it to work. The big discussion was did it work because it was polarization modulation or was it actually a form of PM inadvertently. I found it very interesting at the time and never forgot it.
don

11120. Re: [AWA Group] Re: FM/PM from SSB phasing rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-25 14:00:10 UTC
From: Larry Szendrei
Topic: 11116 Message: 11120

PM stands for phase modulation.

A general time-domain mathematical representation for either the
electric or magnetic component of an electromagnetic wave is:

A*cos(2*pi*f*t + theta)

A=amplitude
f = frequency in Hz
t = time in seconds
theta = phase angle in radians
(2*pi*f is also the "angular frequency," usually represented by a
lower-case omega)

varying A at an audio rate results in amplitude modulation (AM)
varying f at an audio rate results in frequency modulation (FM)
varying theta at an audio rate results in phase modulation (PM)

FM and PM are closely related and are both generally referred to as
"angular modulation." An FM detector can be used to receive PM, but the
recovered audio (IIRC) will be not be "flat" as it was transmitted - I
think higher frequencies are accentuated relative to lower ones, but
it's been a lifetime ago and I'm not positive. Applying the correct
frequency de-emphasis (or was it pre-emphasis?) curve to the audio
signal prior to the modulator would result in FM, or something very
close to it, out of a PM transmitter. Many years ago I used a homebrew
PM exciter to talk on 2M FM, without any tailoring of the audio response
curve. It worked.

73,
-Larry/NE1S

On 3/25/15 8:23 AM, dulmagedon@... [AWAGroup] wrote:
>
> Speaking of PM etc I remember an article, may have been in an old CQ
> or 73 mag I read back in the day when men were still men and tubes
> were king, about an experiment on 2M with modulation by antenna
> polarization. (horizontal vrs vertical.) It produced quite a
> discussion. I am sure I kept the article because I liked so much the
> writer tried it in real life and got it to work. The big discussion
> was did it work because it was polarization modulation or was it
> actually a form of PM inadvertently. I found it very interesting at
> the time and never forgot it.
> don
>

11121. Re: Reducing FM of plate modulated self-exited oscillator

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-25 15:14:45 UTC
From: ab9zg@...
Topic: 11104 Message: 11121

Thanks for all the interesting and useful replies.

I will provide an update with the final value of frequency stability that I am able obtain once I'm done experimenting.

11122. Re: [AWA Group] Re: FM/PM from SSB phasing rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-25 16:08:52 UTC
From: dulmagedon@...
Topic: 11116 Message: 11122

de em

11123. EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-25 16:47:22 UTC
From: alexm_1968@...
Topic: 11123 Message: 11123

Hello I have a question regarding the EF50 Tube, original tube that came with the WS19 Mk3 the picture is in photos of this group.
I would like to know why 2 pins are cut from this tube any Ideas???
luckily I have a spare EF50 which is in service now..

Alex VE2AIU

11124. Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-25 21:36:12 UTC
From: dulmagedon@...
Topic: 11123 Message: 11124

To allow the 807 final and its driver more freedom in the former owners opinion. However, not every modification is as beneficial as intended or hoped. Most transmitters would not have that tube in them. It is not part of a normal circuit. However diodes, zener diodes are often used to prevent no signal runaway in an RF PA as I am sure you already know. Did you put your spare EF50 in yet? It would be interesting to know what the drive volts meter says with an active EF50 inserted. The online manual has a real good description of the EF50s function. It is on the QSL ws19 site and is for the MkIII set but still covers a lot more then I expected it would. I finally sat down and read the whole thing. 60 pages. Very informative.
don

11125. RE: [AWA Group] Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-25 22:47:34 UTC
From: ALEX MARCIANESI
Topic: 11123 Message: 11125
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Don,

Yes I put in the spare EF50 and seems to align better than the original did. My drive is around 7 and I'm pretty sure that I could get it to go a bit higher if I sat there and continued tweaking. I still need to verify my alignment by grounding pin 5 of V2B the book says that when you ground pin 5 of V2B the drive should go to 0 or almost 0, if it goes up it means that the alignment is off. The problem is getting at pin 5 of V2B there is so much clutter of wires and components.. I'll keep you posted on my progress.

Alex VE2AIU

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, March 25, 2015 5:36 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: EF50 tube from WS19 Mk3

To allow the 807 final and its driver more freedom in the former owners opinion. However, not every modification is as beneficial as intended or hoped. Most transmitters would not have that tube in them. It is not part of a normal circuit. However diodes, zener diodes are often used to prevent no signal runaway in an RF PA as I am sure you already know. Did you put your spare EF50 in yet? It would be interesting to know what the drive volts meter says with an active EF50 inserted. The online manual has a real good description of the EF50s function. It is on the QSL ws19 site and is for the MkIII set but still covers a lot more then I expected it would. I finally sat down and read the whole thing. 60 pages. Very informative.
don

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

11126. RE: [AWA Group] Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-26 02:01:43 UTC
From: dulmagedon@...
Topic: 11123 Message: 11126

That is great Alex, I am really looking forward to hearing you on the air!
don

11127. eBay Alert Just a nice job of it

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-27 14:26:56 UTC
From: Louis Vermond
Topic: 11127 Message: 11127

http://www.ebay.com/itm/Loose-Coupler-for-Crystal-Radio-Antique-looking-Coil-/171733751797?

11128. " Depression Rig" at VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-28 00:24:22 UTC
From: Louis Vermond
Topic: 11128 Message: 11128
Attachments: 13 described; binary payloads are missing from this source WARC

Awhile back, Jim, VE3BHK gave me a several 1920s junker broadcast sets. From these, and using whatever else on hand, I recently completed a "Depression Transmitter".

You know the story, unemployed, lots of time, but no money. For a dollar though you could buy defunct battery sets by the pile loaded with high quality variable condensers, Sangamos, tube sockets, UV-201As, 245s, and the occasional 210. ... or so the story goes.

Before the show begins I wish to thank, NE1S, WU2D, KK7UV, VE7SL and of course, VE3BHK for their help in this project.

From above and a junk box.

See photo below

The base
White oak with original finish, 1/2" X 61/2" X 18". From a striped Murdock Co. low power spark transmitter housing having the "instruments"
mounted on and within the box. Extra holes as found.

The RFC
Originally a tuning coil, unmodified turns. The mounting bracket was from a filament switch assembly.

Hook-up wire
#16 ga. Originally silk covered magnet wire, but the silk was rotten so remove the insulation.

Variable condensers
Tank shunt condenser - N.Y. Coil Co., ca. 1923-24
Grid - DeJur

Output tuning lamp with bypass switch.
Left in, the lamp absorbs 3/4 of a watt and makes for an interesting wandering signal.

Robertson head screws, a Canadian invention, their use found in mid-1920s BC sets manufactured in Toronto.
Also, they were on hand.

Results

At maximum recommended plate voltage (180V) the fully loaded output is 1.5 watts. At 250V B+, 4 watts out. With care in tuning the tone and signal stability are good.

73, Lou
VE3AWA

11129. Re: [AWA Group] " Depression Rig" at VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-28 02:11:22 UTC
From: Roger Kuchera
Topic: 11128 Message: 11129
Attachments: 12 described; binary payloads are missing from this source WARC

I like the shot of Amelia Earheart!
Roger.

On Friday, March 27, 2015 8:26 PM, "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv6225159571 #yiv6225159571 .yiv6225159571ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv6225159571 div.yiv6225159571ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv6225159571 div.yiv6225159571photo-title a, #yiv6225159571 div.yiv6225159571photo-title a:active, #yiv6225159571 div.yiv6225159571photo-title a:hover, #yiv6225159571 div.yiv6225159571photo-title a:visited {text-decoration:none;}#yiv6225159571 div.yiv6225159571attach-table div.yiv6225159571attach-row {clear:both;}#yiv6225159571 div.yiv6225159571attach-table div.yiv6225159571attach-row div {float:left;}#yiv6225159571 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv6225159571 div.yiv6225159571ygrp-file {width:30px;}#yiv6225159571 div.yiv6225159571attach-table div.yiv6225159571attach-row div div a {text-decoration:none;}#yiv6225159571 div.yiv6225159571attach-table div.yiv6225159571attach-row div div span {font-weight:normal;}#yiv6225159571 div.yiv6225159571ygrp-file-title {font-weight:bold;}#yiv6225159571 -->

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11130. Re: " Depression Rig" at VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-28 02:14:49 UTC
From: dulmagedon@...
Topic: 11128 Message: 11130

Now yer talkin! My depression "transceiver" sets before me as I type.
I can't see your pics but I would like to.
don

11131. Skunkworks tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-28 02:38:06 UTC
From: dulmagedon@...
Topic: 11131 Message: 11131
Attachments: 1 described; binary payloads are missing from this source WARC

Meanwhile in the Skunkworks here a replacement final tube has been made to replace the missing 807 in the rough No 19 which is not restorable anyway but still will power up. It is going to get hotrodded. The 829B tube is a conundrum as specs are not the same and confusing. For instance you will have no trouble finding people who have posted it is really two 807s and then someone will say no ,it is really two 6l6s but two posts later will hear a 807 is little more then a 6l6 with a plate cap so there is no voltage arc-over (not that there is anyway as I have had 600v on some of the 6l6EH tubes.)
Plate disapations often listed do not make sense and suppot neither position and then there is the fact that pops up that early production Viking ones had a 829B final as the USAF was hogging all the 4D32s. So in light of 1000 expert opinions and a few of recorded successful uses as 100watt input PA tube I have decided to make a 807 base 829B and actually try it. I have a dozen military pulls , some even Se29 tubes. The conversion was easy. Join the two grids, extend the pins with wires, find a old base and solder it on and pour the base full of epoxy. Might be a total disaster and I am ok with that. It will be fun trying whatever the result. I did two octal 829B conversions before and have had fire in them so that part I am ok with. Stay tuned

don

11132. Re: [AWA Group] " Depression Rig" at VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-28 15:17:51 UTC
From: N1BUG
Topic: 11128 Message: 11132

Beautiful, Lou. Simply beautiful.

11133. Re: [AWA Group] " Depression Rig" at VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-28 15:38:22 UTC
From: Louis Vermond
Topic: 11128 Message: 11133

Ah shucks... tks Bugsy.

----- Original Message -----
From: N1BUG paul@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-03-28 11:17 AM
Subject: Re: [AWA Group] " Depression Rig" at VE3AWA

Beautiful, Lou. Simply beautiful.

11134. Re: [AWA Group] " Depression Rig" at VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-28 16:39:49 UTC
From: Ron Barlow
Topic: 11128 Message: 11134

1000000% agreed!
73 de Ron

On Sat, 3/28/15, N1BUG paul@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] " Depression Rig" at VE3AWA
To: AWAGroup@yahoogroups.com
Date: Saturday, March 28, 2015, 11:17 AM

Beautiful, Lou.
Simply beautiful.

11135. Re: [AWA Group] Skunkworks tube [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-28 17:00:45 UTC
From: Ron Barlow
Topic: 11131 Message: 11135

Hi Don,
IMHO, the 829 is not related to or comparable to a pair of 6L6s or a pair of 807s. (I have read from sources, that I considered reliable, that the 6L6 and the 807 are closely related, the latter being an upgraded, double ended version of the former, with internal shielding added).
AFAIK, the 829 is a unique VHF tube (oversized 832, perhaps?).
Based on my school of hard knocks education, with a smaller VHF dual tetrode, I would suggest installing a 33-47 ohm 1/2 watt resistor, in EACH control grid lead, and installing a separate parasitic suppressor, in EACH plate lead, of your 829, if you wish to avoid a serious VHF parasitic oscillation problem.
GL & 73 de Ron

On Fri, 3/27/15, dulmagedon@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] Skunkworks tube [1 Attachment]
To: AWAGroup@yahoogroups.com
Date: Friday, March 27, 2015, 10:38 PM

Meanwhile in the Skunkworks here a replacement
final tube has been made to replace the missing 807 in the
rough No 19 which is not restorable anyway but still will
power up. It is going to get hotrodded. The 829B tube is a
conundrum as specs are not the same and confusing. For
instance you will have no trouble finding people who have
posted it is really two 807s and then someone will say no
,it is really two 6l6s but two posts later will hear a 807
is little more then a 6l6 with a plate cap so there is no
voltage arc-over (not that there is anyway as I have had
600v on some of the 6l6EH tubes.)
Plate disapations often listed do
not make sense and suppot neither position and then there is
the fact that pops up that early production Viking ones had
a 829B final as the USAF was hogging all the 4D32s. So in
light of 1000 expert opinions and a few of recorded
successful uses as 100watt input PA tube I have decided to
make a 807 base 829B and actually try it. I have a dozen
military pulls , some even Se29 tubes. The conversion was
easy. Join the two grids, extend the pins with wires, find a
old base and solder it on and pour the base full of epoxy.
Might be a total disaster and I am ok with that. It will be
fun trying whatever the result. I did two octal 829B
conversions before and have had fire in them so that part I
am ok with. Stay tuned
 don

11136. Re: [AWA Group] Skunkworks tube [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-28 19:04:09 UTC
From: dulmagedon@...
Topic: 11131 Message: 11136

I have run them both ways and have a 40M rig (829B final) with a split parasitic plus the octal pinned ones with single. So far so good but if I get even a hint parasitic I will switch. Since it will be a parallel pair it should have a bit more stabilty. I agree they are difficult to define properly. I guess there is one way to find out for sure. The Viking I thing is what keeps haunting me. They must have worked because EF J would not have used them Johnson is or was a company with a very good reputation. In fact in the 70s I owned a piece of a small company that sold and installed Johnson commercial two way. I used to look after the Alternator noise prevention and such up front in my capacity as a licensed Auto Tech and tune up specialist so we didn't have any issues. We never not once ever had a recall or set repair to deal with and it seems to me we were into it for about 4 years maybe 5. Re the Cont grids. Cant seperate the control grids now. All sealed up.However Kathode is joinedinternally as there really is only one, screens are joined inside so hopefully..... Anyway we shall see. I don't want to monkey with the chassis as I want this to be a plug in sub. The whole deal may be a big waste of time but I have the tubes and all required parts so why not would not bring a good answer. Also a B tube is a bit different then a straight 829 but I assume you meant an 829B anyway. The SE29s are very HD looking in through the glass. Time will tell I guess but I am saving your notes for reference if I have any troubles. Meanwhile I put the No 19 on the Linear twin 811A for the weekend.
don

11137. RE: [AWA Group] Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-28 22:39:25 UTC
From: alexm_1968@...
Topic: 11123 Message: 11137

Hi Don, Still not out of the woods yet I have a carrier but no voice, and my meter has the backwards modulation syndrome when its tuned to max scale deflection. maybe I'm doing something wrong in the drive alignment I'll check again. When you peaked your WS19 Mk2 in what position did you put C34A ?? The manual says to
align the two solder blobs.

Alex VE2AIU

11138. RE: [AWA Group] Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-29 00:10:32 UTC
From: dulmagedon@...
Topic: 11123 Message: 11138

I put the rig on my 7.5 watt dummy and trimmed the cap adjustment for max POWER output. It took very little to get there. Perhaps 1/8 of a turn. That modulation is characteristic of these rigs being control grid modulated which is very rare. My actual meter reading is no where nears yours but I get answers almost everytime. Because it is a voltmeter only meter readings are not what we expect as we are used to looking at grid and plate current. So in that case I get it up and running, Look for success and make note of normal readings in use. Then if something changes I know what to look for. I also work on the assumption that all of our radios where in service so the concept that they need a complete alignment etc etc is rejected in my thought process. The daily maintenance alone was quite good and if the set was bad it will have a "US" tag on it and one of mine does. Do you remember where it was before and can you get it back there. That is where I would start. I am not convinced that all "experts" have a working set on the air. BTW I can see the modulation plainly in my light bulb dummy load and can even compare mics. It is the most valuable weapon in my arsenal. I understand it and it never lies to me. Feel free to email. I went into this project blind as I had nothing but a radio in its case but have been learning as I go. What bothers me is you have a carrier and you have modulation showing on your meter but not making it out the antenna. When I have that on my Homebrews it means I dont have the tank or the antenna tuner tuned to the right freq. How that relates to our No 19s I dont know as so far I haven't had that on this set. I will dig further and see if I can figure it out.
don

11139. Ebay Bargain -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-29 14:26:43 UTC
From: Mike Feher
Topic: 5589 Message: 11139

Do not miss this -

http://www.ebay.com/itm/141512497667

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

11140. Re: [AWA Group] Ebay Bargain -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-29 15:11:08 UTC
From: Daniel Petersen
Topic: 5589 Message: 11140

How can you miss with FREE shipping?! Go for it Mike! 8^)
73, Dan - W7OIL

On Sun, Mar 29, 2015 at 7:26 AM, 'Mike Feher' n4fs@... [AWAGroup] <
AWAGroup@yahoogroups.com> wrote:

>
>
> Do not miss this –
>
>
>
> http://www.ebay.com/itm/141512497667
>
>
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
>
>
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>

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73,
Dan - W7OIL

11141. RE: [AWA Group] Ebay Bargain -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-29 15:12:54 UTC
From: Mike Feher
Topic: 5589 Message: 11141

Yes, that even makes it a better bargain, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, March 29, 2015 11:11 AM
To: awagroup
Subject: Re: [AWA Group] Ebay Bargain -

How can you miss with FREE shipping?! Go for it Mike! 8^)

73, Dan - W7OIL

On Sun, Mar 29, 2015 at 7:26 AM, 'Mike Feher' n4fs@... [AWAGroup]
<AWAGroup@yahoogroups.com> wrote:

Do not miss this –

http://www.ebay.com/itm/141512497667

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

--

73,
Dan - W7OIL

11142. Re: [AWA Group] Ebay Bargain -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-29 15:14:13 UTC
From: Louis Vermond
Topic: 5589 Message: 11142

Offered him .99, but it was refused....odd.

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-03-29 10:26 AM
Subject: [AWA Group] Ebay Bargain -

Do not miss this -

http://www.ebay.com/itm/141512497667

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

11143. RE: [AWA Group] Ebay Bargain -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-29 15:15:53 UTC
From: Mike Feher
Topic: 5589 Message: 11143

That was 99 times more than it was worth Lou. You offered too much and it scared him. - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, March 29, 2015 11:14 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Ebay Bargain -

Offered him .99, but it was refused....odd.

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup]
<mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2015-03-29 10:26 AM

Subject: [AWA Group] Ebay Bargain -

Do not miss this -

http://www.ebay.com/itm/141512497667

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

11144. 40M AM rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-29 20:46:17 UTC
From: dulmagedon@...
Topic: 11144 Message: 11144
Attachments: 1 described; binary payloads are missing from this source WARC

Before Christmas I started poking away on a 40M rig cathode modulated. In the pic of my No 19 you can see it sitting behind the speaker. Today while waiting in hope for 40m to open up i was poking away and finished the transmitter proper. I have to install the Battery clips (holders) for the carbon mic bias and the jack for the mic but other then that it is pretty well finished. It is a 45 tube hartley and the cathode is controlled by a in series 01A. I am torn between leaving it as totally AM or installing a CW key jack. The two tubes will use independant heater supply sources which while inconvenient is not really a big deal. I have had all the circuit designs working on another rig but as separate add ons and it did ok. Now it is all one rig and all pre 1929 main pieces. I am hoping to find a candle stick phone to use as a mic once I have it up and running. Is there no end to this great hobby?:>)
don

11145. RE: [AWA Group] Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-29 21:23:42 UTC
From: alexm_1968@...
Topic: 11123 Message: 11145

Hello Don,

UPDATE!!!

I think I've got it!!!! I can hear my mod on my sw receiver, turns out that the variometer is at fault, its all screwed up. I put a Vectronics VC3000DLP antenna tuner it has 2 antenna ports so I can put the light bulb on port 2 and the outdoor ant on port 1. I also tweaked C34A about 1/8 clockwise.

So what frequency do you operate with your WS19??

Alex VE2AIU

11146. Johnson Viking I and the 4D32/829B

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-30 00:06:36 UTC
From: JAMES HANLON
Topic: 11146 Message: 11146

Guys,

There's been a bit of discussion about the Johnson Viking I and it's use of a 4D32 or an 829B in the final RF amplifier.

Back in the Viking I's day, from 1949 through 1952, the rig was sold as a kit, "Complete less tubes, crystals, key, mike" for $209.50. That left the purchaser of a Viking I kit to his own devices to acquire, in particular, the required set of tubes, which included three 6AU6s, two 807s, one each 6AQ5, 5R4, 5Z4, and 6AL5, and that all important 4D32. The 4D32 became quite scarce during the Korean War, June 1950 to July 1953, due to military usage. So the builder of a Viking I usually had to get creative about finding another tube to use in his/her rig. The most often used substitute was the 829B. The manual for the Viking I on BAMA even says, "While not capable of as much input as the 4D32, an 829B will work very nicely in the final stage. It will deliver at least 95 watts of CW output, 85 watts on phone while input is kept within the manufacturers' ratings." The Manual also contains a page describing "Typical operation using 829B final within ICAS tube ratings," and a page of "Changes required for use of 829B final amplifier." The 829B was an attractive substitute because it used the same tube socket as the 4D32, although the wiring was slightly different, and it was readily available on the surplus market for a very reasonable price.

At least one person made a different substitution, however. I have a Viking I in my collection which was beautifully built using a pair of 807s in parallel in the final. It was obviously constructed that way from the very beginning.

Then the Viking II came along in 1952 using a pair of 6146s, and the problem at least for purchasers of the new rig became solved.

Jim Hanlon, W8KGI

11147. RE: [AWA Group] Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-30 01:15:17 UTC
From: dulmagedon@...
Topic: 11123 Message: 11147

Great!!!!!!!!!! Yes the variometer will not work properly on a proper ham antenna. The wartime manual even states that. You have it figured out. I use a similar deal with my system I have a HD coax switch and on one sid I have my light bulb socket with its coax and connector. On the other side is the antenna. I tune on the bulb and then switch. Of course on my little tuner the bulb socket is built in. A 7.5 watt bulb will do the job nicely on the No 19. Those are the little ones about the size of a golf ball but with a normal size base. I operate on 7290 mostly but can meet you anywhere if you want to test. I am suggesting 7285 but will go where you wish. The 40M and is good in the mornings till about 11.30 Am and in afternoon comes alive between 4 and 5 oclock. You choose. Congratulations on your success! Should be fun if we pull it off!
don

11148. Re: Johnson Viking I and the 4D32/829B

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-30 01:55:33 UTC
From: dulmagedon@...
Topic: 11146 Message: 11148

Yes tis as I understood.
My first rig was BTW a Viking II CD model (full coverage government issue) Worked an awful lot of CW with it for about 2 years. Other then its weight it was a great rig. I still run a pair of 6146Bs in my upstairs rig. KNWD TS830S.
However there is no argument , right? that the 829B was used in some Viking 1s, and could handle I believe you said up to 85 watts on phone? We know a 6L6 could not do that. Even a pair would be hard pressed. A pair of 807 would easily exceed that. I am sure you wouldn't disagree. I am using this tube because I have a dozen and have experience rebasing them. In this rig which has a single 807 and the rig is unrestorable (due to rust and abuse) to a collectors level. I can sub the 829B with its now 807 base directly into the no 19 chassis. The voltages used in this set are very similar to the 829B requirements so that it perhaps at least in appearance is easy. Other then making the heater 12v so it wont unbalance the heater current draws significantly (affect other tubes inadvertently heater currentwise) it is a plug and play deal. Whether it works or not I will know soon enough. What if I could use any tube and any voltage? I pop in a 813 and use the built in intercom mic and amp to modulate it. Would have to update the driver tube too I am sure however I don't want to physiscaly change anything in this set so this works and out of pocket 0$. Simply an experiment which from which I will learn something good or bad. I am up for either. The current set puts out its rated 5 watts of AM which is pretty dang low for even a single 807. I managed to get my other No 19 to almost 7 with some tweaking and a good ATU. If I could get 10 or 15 just using this tube it would be nice and something others could do without ruining their sets. I had arrived at the point I wanted to find out for sure as we all know that a good as plans are they are not the final judge one way or the other. One only has to watch a couple of episodes of mythbusters to learn that if it is not already known. Real life testing is the final judge. And besides it is a lot of fun! Some would ask "What if it doesn't work?" I think "What if it does?!" Anyway that is the reason behind its choice good or bad.
don

11149. RE: [AWA Group] Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-30 02:19:54 UTC
From: alexm_1968@...
Topic: 11123 Message: 11149

Hi Don, Ok I'll let you know when I'm on the air, The antenna that I'm using is actually a military antenna its a 10ft whip antenna that came from a PRC-77 manpack radio, which I mounted on a cb mirror mount on my balcony and ran a lenth of coax to the WS19.
do you use a freq meter to confirm frequency?? I'm using my multimeter because it has a frequency setting,

See you on the air Don

Alex VE2AIU

11150. RE: [AWA Group] Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-30 06:01:02 UTC
From: dulmagedon@...
Topic: 11123 Message: 11150

Oh sorry I didnt realize you were using a whip. It may be a challenge but we shall give it a shot.
I use a digital radio DX390or a grundig traveler iif no one is around otherwise I zero beat using the NET button and that has served me very well. I need to check how far apart we are not that it matters as tis what it is. let me know wen you want to try and if you hear me on anytime jump in. Really glad you are up and running!
don

11151. Re: Johnson Viking I and the 4D32/829B

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-30 18:33:53 UTC
From: JAMES HANLON
Topic: 11146 Message: 11151

Don,

I quite agree with your substituting an 829B for the 807 in your set. It should work just fine. Other tubes you might try would include a 6146, a 2E26, or a 1625. I can find a 2E26 and a 1625 and also an 807 in my stash if you'd like any of them.

73,

Jim, W8KGI

11152. Re: Johnson Viking I and the 4D32/829B

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-30 20:22:31 UTC
From: dulmagedon@...
Topic: 11146 Message: 11152

James, I gave the 6146B a hard thought and that could still happen but I didn't want to spend the rest of my days wondering about how a 829B would work. What I really need to do is set down with a bit of self discipline and figure how how they got a 807 to only put out 5 watts AM. I wonder why they didnt just use a 6l6 or even a 6v6 for a final if they wanted to limit range. There is Canadian Amplifier for these sets with a single 813 but they are rare as hens teeth. Anyway, we shall see what happens.
don

11153. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-30 21:21:49 UTC
From: Louis Vermond
Topic: 130 Message: 11153

Homely HB, but someone's baby...

http://www.ebay.co.uk/itm/Vintage-Homebrew-6L6-Transmitter-with-Power-Supply-USED-/351357158050?pt=LH_DefaultDomain_0&hash=item51ce84c2a2

11154. RE: [AWA Group] Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-30 21:50:03 UTC
From: dulmagedon@...
Topic: 11123 Message: 11154

The band was pretty good today. Around 5 PM I caught Mike Fs neighbour __ __ VW just as he was shutting down for the day. 329 miles which for my No 19 barefoot is a new record. Anyway 40M is coming back to life again.
don

11155. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-30 22:22:41 UTC
From: Daniel Petersen
Topic: 130 Message: 11155

Go for it, Lou - It's all yours!
73,
Dan-W7OIL

On Mon, Mar 30, 2015 at 2:21 PM, Louis Vermond ldvermond@...
[AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> Homely HB, but someone's baby...
>
> http://www.ebay.co.uk/itm/
> Vintage-Homebrew-6L6-Transmitter-with-Power-Supply
> -USED-/351357158050?pt=LH_DefaultDomain_0&hash=item51ce84c2a2
>
>
>

--

73,
Dan - W7OIL

11156. Re: [AWA Group] Re: Johnson Viking I and the 4D32/829B

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-31 00:05:35 UTC
From: Larry Szendrei
Topic: 11146 Message: 11156

On 3/30/15 4:22 PM, dulmagedon@... [AWAGroup] wrote:
>
> James, I gave the 6146B a hard thought and that could still happen but
> I didn't want to spend the rest of my days wondering about how a 829B
> would work. What I really need to do is set down with a bit of self
> discipline and figure how how they got a 807 to only put out 5 watts
> AM. I wonder why they didnt just use a 6l6 or even a 6v6 for a final
> if they wanted to limit range. There is Canadian Amplifier for these
> sets with a single 813 but they are rare as hens teeth. Anyway, we
> shall see what happens.
> don
>
>
Don,

What type of AM modulation is used in the WS19? 5W carrier out would be very low for plate modulation, but sounds about right if control grid of screen grid modulation is used, or if the 807 is operated as a linear amplifier with modulation in a preceding stage (although I doubt they would do the latter). I once control-grid-modulated an 807 and got about 7W of carrier out, but that was with about 700V or so on the plate.

A plate-modulated 807 is good for about 30W carrier out.

73,
-Larry/NE1S

11157. Re: [AWA] Cool List of Amateur Radio Don'ts from 1922

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-31 00:35:47 UTC
From: Larry Szendrei
Topic: 11157 Message: 11157

Forwarded from the "other" list.

I'm not sure I agree with all of these, but they're fun reading, anyhow.

73,
-Larry/NE1S

On 3/30/15 4:50 PM, Chris Maness chris@... wrote:
>
> http://earlyradiohistory.us/1922dont.htm
>
> Regards,
> Chirs KQ6UP
>
>

11158. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-31 00:40:58 UTC
From: Louis Vermond
Topic: 130 Message: 11158

Go for it, Lou - It's all yours! 73, Dan-W7OIL

Tks Dan, but I'll not. Passed it along in hopes of rising the expectations of your Western Members.

With kind regards, Lou

11159. Re: [AWA Group] Re: [AWA] Cool List of Amateur Radio Don'ts from 1922

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-31 00:49:18 UTC
From: Louis Vermond
Topic: 11157 Message: 11159

Don't use solid wire for connecting up the parts of transmitters. Use stranded or braided wire. <<<?!

11160. Re: [AWA Group] Re: [AWA] Cool List of Amateur Radio Don'ts from 1922

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-31 01:07:32 UTC
From: Larry Szendrei
Topic: 11157 Message: 11160

On 3/30/15 8:49 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> □
>
> /Don't/use solid wire for connecting up the parts of transmitters. Use
> stranded or braided wire.<<<?!
>
> ---
>
Yeah, Lou, that's one of the ones on which I beg to differ.

11161. Re: [AWA Group] Re: Johnson Viking I and the 4D32/829B

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-31 02:34:03 UTC
From: dulmagedon@...
Topic: 11146 Message: 11161

30 watt
Yes Larry that is what I thought would be reasonable. The WS 19 uses control grid modulation. Plate voltage on the 807 is speced at 500 however in reality I find on mine it runs a bit below the 500 mark under load. The system is well controlled apparently using a special tube made just for these sets to keep every thing in check. I guess the intent was a short range communication system. I have seen original specs saying range was 30 miles and have also seen 50 miles. It was normally operated into a whip antenna Like Alex (VE2AIU) is doing and tuned with a variometer. Power rating on CW was given as high as 18 watts although 15 watts is more common. On MCW and AM or R/T as we called it normal performance is given as 3 to 5 watts. Testing using my somewhat crude perhaps but reasonably reliable method has shown that to be true. Modulation when pushed tends to be downward. Something most of are not used to however to the receiving ear it sounds quite good. A bit of fine tuning and a purpose built tuner brought output power up significantly and I am now able to get just under 7 watts. In reality I am sure I just recovered otherwise lost power by focusing it if you would allow me that expression. What I didn't expect is how effective this radio is. It is PW by anyones definition and yet i seem to be able to talk almost everywhere I could with my Dx60B even with the Amp. That surprises me. tonight I worked Dave AKA_ _ Very Weak whom I am sure you know. That is a long haul in my way of thinking on 6 to 6.5 watts out AM. He said if I remember correctly "You are Pi--Weak but audio is very good." My average distance is around 280 miles out and I have done it now several times. I have been getting 59 reports on most contacts at the range. I wonder is it because of the modulation system. It sure isn't because of the power. I don't really understand it all yet as it is a bit new. I got these radio basically because no one else wanted them and I wasn't real hot on having them but didn't want to see them destroyed. I have now found a schematic for my radio which is known as a Canadian MkII model and was specific to Canada although is not hugely different then the British sets. I find the Military schematics hard to read with the long lines and squared style so little by little I will distill it into a "Don Friendly" version. There is a modulation mod that was used in the field with a small control box that brought modulation from a max of 40% to over 100% if one spoke too loud. I have the schematic for it and may try it as it involves a pi set up of three resistors and a couple of switches. These sets have a full tank intercom also in them, sufficient for six positions and use a pair of 6v6s as intercom output. The mod involves switching the mic to intercom and dumping its output into the HF sets mic input through this attenuator resistor pi network giving the radio a quiet voice mod. Apparently it works very well. I may try it as all mods are external to the set and easily implemented. I may also try using the same intercom system rated at 48 db gain to plate modulate the transmitter in CW mode and see if that has any value. It would not take more then a few minutes to try this if I had the mod trans in hand and the guts to try it. It could also be done externally since the PA plate supply is separate and easily assessable as is Intercom input and output. As you can probably tell I got lot more radio then I bargained for. While not powerful it seems to be effective. For me I am still a bit mystified. My Dad was an expert on these radios being the instructor on their maintenance and repair during the war at No 1 Wireless School. Since I first got interested in radio and hamming he told me I should have one. I ignored that. My brothers tell me he is quite excited I now have one. I haven't seen him since I fractured my spine racing as travel was

not an option but I may try this week. It is a couple of hundred miles drive. He is now in his 92 year so he may not be interested in explaining much however my brothers say he has been talking about it quite bit so we shall see. Anyway after running this radio for a few weeks now if it was the only AM set I had I would be ok with that. Sorry for the long bla bla. Been listening to Timmy and its beginning to rub off perhaps ;>)
don

11162. Re: [AWA] Cool List of Amateur Radio Don'ts from 1922

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-31 11:49:54 UTC
From: Larry Szendrei
Topic: 11157 Message: 11162

On 3/30/15 10:55 PM, Chris Maness chris@...
[antiquewirelessassociation] wrote:
>
> Which ones do you disagree with out of curiosity?
>
>
Hi Chris,

Here's the list of the ones I would debate:

1. Don't have it longer than 75 feet for sending out a 200-meter wave.
/(75 feet is only 0.11 wavelength at 200M and would result in a lot of ground losses. I suspect this was said because they really didn't understand matching back then and were simply trying to maximize the antenna current indication in the shack.)/

2. Don't fail to have the resistance of your aerial as small as possible. Use stranded wire.
/(The individual strands oxidize and actually have a higher RF resistance than a solid wire of the same material and diameter.)/

3. Don't operate a transmitting set without a hot-wire ammeter in the aerial.
/(The hot-wire ammeter introduced losses, and a temperature-variable resistance, similar to an indicator bulb, and should be shorted out after tune-up.)/

4. Don't use solid wire for connecting up the parts of transmitters. Use stranded or braided wire.
/(See #2. above. By the late 1920's solid buss bar wire was the standard for wiring transmitters as well as receivers.)/

5. Don't use a constant current to heat the filament, use a constant voltage.
/(Constant current would be easier on the tube when 1st applying power to a cold filament when the resistance is very low. The author may have other reasons, though, that I'm not seeing.)/

6. Don't fail to use alternating current for heating the filament where this is possible.
/(Any receiver or amplifier will always have less hum with DC on the filaments. This was listed as a "receiving don't," but the same applies to vacuum tube transmitters of the day, few as they may have been.)/

7. Don't use wire smaller than No. 14 for connecting up the various parts.
/(Also a "receiving don't." Gross overkill, and this practice wasn't found necessary later in the decade.)//

/
8. Don't try to assemble a set if you don't know the difference between a binding post and a blue print. Buy a set ready to use. /(If you follow his advice you'll never learn the difference between a binding post and a blue print!)/

9. Don't try to operate your spark coil with 110-volt alternating lighting current without connecting in an electrolytic interrupter. Don't try to operate an alternating current power transformer with 110-volt direct current without connecting in an electrolytic interrupter. /(I don't know what he means by an "electrolytic interrupter," but these two appear contradictory. From the first "don't" you might think an electrolytic interrupter is a "slop jar" rectifier, but that makes no sense in the context of the second "don't.)/

73,
-Larry/NE1S

11163. Re: [AWA Group] Re: [AWA] Cool List of Amateur Radio Don'ts from 1922

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-31 12:09:52 UTC
From: dulmagedon@...
Topic: 11157 Message: 11163

I suspect all these "rules" have an origin in a group of islands where rules and over-complication of simple proceedures is a way of life. ;>)
don

11164. Mica Cap needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-31 12:50:52 UTC
From: Roger Kuchera
Topic: 11164 Message: 11164
Attachments: 1 described; binary payloads are missing from this source WARC

Gentlemen, Once again, I seem to lack a part for my current project. I am building an 804 PAstage for my vintage transmitter.

I need a 250 uuF (aka 250 pf) Mica capacitor. It needs to be compact, due tomechanical considerations. The old WW2 surplus type CM-55 (?) is perfect. I havea fair collection of the type but not the value needed. A minimum Working voltageof 2.5 KV is required.

I would be glad to purchase or swap for it. In a swap just let me know what valueyou would like.

I have attached a JPEG of the type I need. Let me say Thanks ahead of time fortaking the time to look.

CUL, Roger/K1TG

11165. RE: [AWA Group] Mica Cap needed [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-31 12:55:29 UTC
From: Mike Feher
Topic: 11164 Message: 11165

Hey Roger –

I have been meaning to go down in the basement anyway, and putting it off, but, now that I have another reason I will. I literally have boxes of those, so will see if I can find one of the right value for you. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, March 31, 2015 8:51 AM
To: AWAGroup
Subject: [AWA Group] Mica Cap needed [1 Attachment]

Gentlemen,

Once again, I seem to lack a part for my current project. I am building an 804 PA

stage for my vintage transmitter.

I need a 250 uuF (aka 250 pf) Mica capacitor. It needs to be compact, due to

mechanical considerations. The old WW2 surplus type CM-55 (?) is perfect. I have

a fair collection of the type but not the value needed. A minimum Working voltage

of 2.5 KV is required.

I would be glad to purchase or swap for it. In a swap just let me know what value

you would like.

I have attached a JPEG of the type I need. Let me say Thanks ahead of time for

taking the time to look.

CUL, Roger/K1TG

11166. Re: [AWA Group] Mica Cap needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-31 13:08:24 UTC
From: Roger Kuchera
Topic: 11164 Message: 11166

Hi Mike, Wow! That was a fast response and is most appreciated. That is why I refer to theAWA as "The League of Extraordinary Gentlemen!"
  Please keep me in mind if you need any parts as I have a large "junque" box.
Roger.

On Tuesday, March 31, 2015 8:55 AM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv8570731146 #yiv8570731146 -- #yiv8570731146 .yiv8570731146ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv8570731146 div.yiv8570731146ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv8570731146 div.yiv8570731146photo-title a, #yiv8570731146 div.yiv8570731146photo-title a:active, #yiv8570731146 div.yiv8570731146photo-title a:hover, #yiv8570731146 div.yiv8570731146photo-title a:visited {text-decoration:none;}#yiv8570731146 div.yiv8570731146attach-table div.yiv8570731146attach-row {clear:both;}#yiv8570731146 div.yiv8570731146attach-table div.yiv8570731146attach-row div {float:left;}#yiv8570731146 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv8570731146 div.yiv8570731146ygrp-file {width:30px;}#yiv8570731146 div.yiv8570731146attach-table div.yiv8570731146attach-row div div a {text-decoration:none;}#yiv8570731146 div.yiv8570731146attach-table div.yiv8570731146attach-row div div span {font-weight:normal;}#yiv8570731146 div.yiv8570731146ygrp-file-title {font-weight:bold;}#yiv8570731146 #yiv8570731146 #yiv8570731146 #yiv8570731146 -- _filtered #yiv8570731146 {font-family:Helvetica;panose-1:2 11 6 4 2 2 2 2 2 4;} _filtered #yiv8570731146 {font-family:Wingdings;panose-1:5 0 0 0 0 0 0 0 0 0;} _filtered #yiv8570731146 {panose-1:2 4 5 3 5 4 6 3 2 4;} _filtered #yiv8570731146 {font-family:Calibri;panose-1:2 15 5 2 2 2 4 3 2 4;} _filtered #yiv8570731146 {font-family:Tahoma;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv8570731146 {font-family:Verdana;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv8570731146 {font-family:Consolas;panose-1:2 11 6 9 2 2 4 3 2 4;}#yiv8570731146 #yiv8570731146 p.yiv8570731146MsoNormal, #yiv8570731146 li.yiv8570731146MsoNormal, #yiv8570731146 div.yiv8570731146MsoNormal {margin:0in;margin-bottom:.0001pt;font-size:12.0pt;}#yiv8570731146 a:link, #yiv8570731146 span.yiv8570731146MsoHyperlink {color:blue;text-decoration:underline;}#yiv8570731146 a:visited, #yiv8570731146 span.yiv8570731146MsoHyperlinkFollowed {color:purple;text-decoration:underline;}#yiv8570731146 p {margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv8570731146 code {}#yiv8570731146 pre {margin:0in;margin-bottom:.0001pt;font-size:10.0pt;}#yiv8570731146 tt {}#yiv8570731146 span.yiv8570731146cat {}#yiv8570731146 span.yiv8570731146ct {}#yiv8570731146 span.yiv8570731146HTMLPreformattedChar {font-family:Consolas;}#yiv8570731146 p.yiv8570731146attach, #yiv8570731146 li.yiv8570731146attach, #yiv8570731146 div.yiv8570731146attach {margin-right:0in;margin-left:0in;font-size:9.0pt;}#yiv8570731146 p.yiv8570731146bold, #yiv8570731146 li.yiv8570731146bold, #yiv8570731146 div.yiv8570731146bold {margin-right:0in;margin-left:0in;font-size:10.0pt;font-weight:bold;}#yiv8570731146

p.yiv8570731146green, #yiv8570731146 li.yiv8570731146green, #yiv8570731146
div.yiv8570731146green
{margin-right:0in;margin-left:0in;font-size:12.0pt;color:#628C2A;}#yiv8570731146
p.yiv8570731146replbq, #yiv8570731146 li.yiv8570731146replbq, #yiv8570731146
div.yiv8570731146replbq {margin:3.0pt;font-size:12.0pt;}#yiv8570731146 p.yiv8570731146ad,
#yiv8570731146 li.yiv8570731146ad, #yiv8570731146 div.yiv8570731146ad
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span.yiv8570731146yshortcuts {}#yiv8570731146 p.yiv8570731146ad1, #yiv8570731146
li.yiv8570731146ad1, #yiv8570731146 div.yiv8570731146ad1
{margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv8570731146 p.yiv8570731146ad2,
#yiv8570731146 li.yiv8570731146ad2, #yiv8570731146 div.yiv8570731146ad2
{margin-right:0in;margin-bottom:7.5pt;margin-left:0in;font-size:12.0pt;}#yiv8570731146
p.yiv8570731146underline1, #yiv8570731146 li.yiv8570731146underline1, #yiv8570731146
div.yiv8570731146underline1 {margin-right:0in;margin-left:0in;font-size:12.0pt;text-decora
tion:underline;}#yiv8570731146 span.yiv8570731146yshortcuts1
{font-weight:bold;}#yiv8570731146 span.yiv8570731146yshortcuts2
{font-weight:normal;}#yiv8570731146 span.yiv8570731146EmailStyle36
{color:#1F497D;}#yiv8570731146 .yiv8570731146MsoChpDefault {font-size:10.0pt;} _filtered
#yiv8570731146 {margin:1.0in 1.0in 1.0in 1.0in;}#yiv8570731146
div.yiv8570731146WordSection1 {}#yiv8570731146 _filtered #yiv8570731146 {} _filtered
#yiv8570731146 {font-family:Symbol;} _filtered #yiv8570731146 {} _filtered #yiv8570731146
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{font-family:Wingdings;} _filtered #yiv8570731146 {font-family:Wingdings;}#yiv8570731146
ol {margin-bottom:0in;}#yiv8570731146 ul {margin-bottom:0in;}#yiv8570731146

Hey Roger – I have been meaning to go down in the basement anyway, and putting it off, but, now that I have another reason I will. I literally have boxes of those, so will see if I can find one of the right value for you. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, March 31, 2015 8:51 AM
To: AWAGroup
Subject: [AWA Group] Mica Cap needed [1 Attachment] Gentlemen, Once again, I seem to lack a part for my current project. I am building an 804 PAstage for my vintage transmitter. I need a 250 uuF (aka 250 pf) Mica capacitor. It needs to be compact, due tomechanical considerations. The old WW2 surplus type CM-55 (?) is perfect. I havea fair collection of the type but not the value needed. A minimum Working voltageof 2.5 KV is required. I would be glad to purchase or swap for it. In a swap just let me know what valueyou would like. I have attached a JPEG of the type I need. Let me say Thanks ahead of time fortaking the time to look. CUL, Roger/K1TG

11167. Re: [AWA Group] Re: [AWA] Cool List of Amateur Radio Don'ts from 1922

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-31 13:13:56 UTC
From: Louis Vermond
Topic: 11157 Message: 11167

Thank you, Larry. Went well with my first coffee of the morning.

73, Lou

----- Original Message -----
From: Larry Szendrei ne1s@... [AWAGroup]
To: antiquewirelessassociation@yahoogroups.com ; AWAGroup@yahoogroups.com
Sent: 2015-03-31 7:49 AM
Subject: [AWA Group] Re: [AWA] Cool List of Amateur Radio Don'ts from 1922

On 3/30/15 10:55 PM, Chris Maness chris@... [antiquewirelessassociation] wrote:

Which ones do you disagree with out of curiosity?

Hi Chris,

Here's the list of the ones I would debate:

1. Don't have it longer than 75 feet for sending out a 200-meter wave.
(75 feet is only 0.11 wavelength at 200M and would result in a lot of ground losses. I suspect this was said because they really didn't understand matching back then and were simply trying to maximize the antenna current indication in the shack.)

2. Don't fail to have the resistance of your aerial as small as possible. Use stranded wire.
(The individual strands oxidize and actually have a higher RF resistance than a solid wire of the same material and diameter.)

3. Don't operate a transmitting set without a hot-wire ammeter in the aerial.
(The hot-wire ammeter introduced losses, and a temperature-variable resistance, similar to an indicator bulb, and should be shorted out after tune-up.)

4. Don't use solid wire for connecting up the parts of transmitters. Use stranded or braided wire.
(See #2. above. By the late 1920's solid buss bar wire was the standard for wiring transmitters as well as receivers.)

5. Don't use a constant current to heat the filament, use a constant voltage.
(Constant current would be easier on the tube when 1st applying power to a cold filament when the resistance is very low. The author may have other reasons, though, that I'm not seeing.)

6. Don't fail to use alternating current for heating the filament where this is possible.
(Any receiver or amplifier will always have less hum with DC on the filaments. This was listed as a "receiving don't," but the same applies to vacuum tube transmitters of the day, few as they may have been.)

7. Don't use wire smaller than No. 14 for connecting up the various parts.
(Also a "receiving don't." Gross overkill, and this practice wasn't found necessary later in the decade.)

8. Don't try to assemble a set if you don't know the difference between a binding post and a blue print. Buy a set ready to use. (If you follow his advice you'll never learn the difference between a binding post and a blue print!)

9. Don't try to operate your spark coil with 110-volt alternating lighting current without connecting in an electrolytic interrupter.
Don't try to operate an alternating current power transformer with 110-volt direct current without connecting in an electrolytic interrupter.
(I don't know what he means by an "electrolytic interrupter," but these two appear contradictory. From the first "don't" you might think an electrolytic interrupter is a "slop jar" rectifier, but that makes no sense in the context of the second "don't.)

73,
-Larry/NE1S

11168. Re: [AWA Group] Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-31 14:37:28 UTC
From: Alex Marcianesi
Topic: 11123 Message: 11168

Hi Don,
I'm going to try on this Friday morning on 7290.
Here is my cell 514 771 4397 so we can text to coordinate.

Alex VE2AIU

Sent from my iPhone

> On Mar 30, 2015, at 17:50, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:
>
> The band was pretty good today. Around 5 PM I caught Mike Fs neighbour __ __ VW just as he was shutting down for the day. 329 miles which for my No 19 barefoot is a new record. Anyway 40M is coming back to life again.
> don
>
>

11169. Re: [AWA Group] Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-31 16:47:14 UTC
From: dulmagedon@...
Topic: 11123 Message: 11169

OK I wrote it down, 7290 Friday morning. What time? I hope your sitting down. 2 people in the world do not have a cell phone or text messaging. One is me, the other my wife. But that is OK I will be on 7290 listening on both the No 19 and my shack receiver on the beverage antenna which in good conditions is miles ahead so you give me the time slot and I will be right there. If you can be heard I will hear you. Call long and say lots.
don

11170. Re: [AWA Group] Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-31 17:24:21 UTC
From: Larry Szendrei
Topic: 11123 Message: 11170

On 3/31/15 12:47 PM, dulmagedon@... [AWAGroup] wrote:
>
> OK I wrote it down, 7290 Friday morning. What time?
>
Let me know what time Friday morning, too. I'll try to join in on my
homebrew 10W rig (the pisweaker); that is, if you don't mind.

> I hope your sitting down. 2 people in the world do not have a cell
> phone or text messaging. One is me, the other my wife.
>
One more: me.

> But that is OK I will be on 7290 listening on both the No 19 and my
> shack receiver on the beverage antenna which in good conditions is
> miles ahead so you give me the time slot and I will be right there. If
> you can be heard I will hear you. Call long and say lots.
>

11171. Re: [AWA Group] Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-31 18:34:33 UTC
From: Alex Marcianesi
Topic: 11123 Message: 11171

Hi Don,
I'm going to try on this Friday morning on 7290.
Here is my cell 514 771 4397 so we can text to coordinate.

Alex VE2AIU

Sent from my iPhone

> On Mar 30, 2015, at 17:50, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:
>
> The band was pretty good today. Around 5 PM I caught Mike Fs neighbour __ __ VW just as he was shutting down for the day. 329 miles which for my No 19 barefoot is a new record. Anyway 40M is coming back to life again.
> don
>
>

11172. Re: [AWA Group] Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-31 19:04:14 UTC
From: dulmagedon@...
Topic: 11123 Message: 11172

Sounds like a good plan Larry. Alex will let us know the time here and we can be ready. Did you ever think you would be QRO man in the group with your 10W homebrew?
don

11173. Re: [AWA Group] Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-31 20:39:02 UTC
From: Larry Szendrei
Topic: 11123 Message: 11173

On 3/31/15 3:04 PM, dulmagedon@... [AWAGroup] wrote:
>
> Sounds like a good plan Larry. Alex will let us know the time here and
> we can be ready. Did you ever think you would be QRO man in the group
> with your 10W homebrew?
> don
>
>
OK, Don, I'll keep an eye open for when Alex posts the QRG here.

I'll have both wire antennas tuned up on 40M. One is best for local, the other for DX. I'll use the one that results in the best signal, of course. I've had pretty good luck operating AM in the 5-10W range as long as the frequency is clear. If you guys can't hear me, I'll put on something with more oomph.

73,
-Larry/NE1S

11174. Re: [AWA Group] Re: Johnson Viking I and the 4D32/829B

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-31 21:01:01 UTC
From: Larry Szendrei
Topic: 11146 Message: 11174

On 3/30/15 10:34 PM, dulmagedon@... [AWAGroup] wrote:
>
> 30 watt
> Yes Larry that is what I thought would be reasonable. The WS 19 uses
> control grid modulation. Plate voltage on the 807 is speced at 500
> however in reality I find on mine it runs a bit below the 500 mark
> under load. The system is well controlled apparently using a special
> tube made just for these sets to keep every thing in check. I guess
> the intent was a short range communication system. I have seen
> original specs saying range was 30 miles and have also seen 50 miles.
> It was normally operated into a whip antenna Like Alex (VE2AIU) is
> doing and tuned with a variometer. Power rating on CW was given as
> high as 18 watts although 15 watts is more common. On MCW and AM or
> R/T as we called it normal performance is given as 3 to 5 watts.
> Testing using my somewhat crude perhaps but reasonably reliable method
> has shown that to be true.
>

OK. Control- (or screen-grid) modulation will give you a maximum carrier output of 1/4 the maximum CW output, at 100% modulation. So if the maximum CW output is 18W, the maximum carrier output on AM is 4.5W (PEP output on AM is still 18W, assuming 100% positive peaks).

> What I didn't expect is how effective this radio is. It is PW by
> anyones definition and yet i seem to be able to talk almost everywhere
> I could with my Dx60B even with the Amp. That surprises me. tonight I
> worked Dave AKA_ _ Very Weak whom I am sure you know.
>
Yup. W2VW. We've talked before.

> That is a long haul in my way of thinking on 6 to 6.5 watts out AM. He
> said if I remember correctly "You are Pi-- Weak but audio is very
> good." My average distance is around 280 miles out and I have done it
> now several times. I have been getting 59 reports on most contacts at
> the range. I wonder is it because of the modulation system. It sure
> isn't because of the power. I don't really understand it all yet as it
> is a bit new.
>
If you cut your power from 20W to 5W that's a 6 db decrease, which is just one S-unit. Unless you're right at the noise, the operator at the receiving end isn't going to hear much, if any, difference.

> My Dad was an expert on these radios being the instructor on their
> maintenance and repair during the war at No 1 Wireless School. Since I
> first got interested in radio and hamming he told me I should have
> one. I ignored that. My brothers tell me he is quite excited I now

> have one. I haven't seen him since I fractured my spine racing as
> travel was not an option but I may try this week. It is a couple of
> hundred miles drive. He is now in his 92 year so he may not be
> interested in explaining much however my brothers say he has been
> talking about it quite bit so we shall see. Anyway after running this
> radio for a few weeks now if it was the only AM set I had I would be
> ok with that.
>
You should take the set with you and show it to him, while you still
can. I'm sure it would bring back fond memories.

I would hang on to something that will go up on 10 and 15M so that you
can talk with folks back in the "old country" on AM when conditions
allow. I was having good, solid QSOs with all sorts of European stations
on 10M AM last fall, and earlier this year, with the 10W hbrew rig.

> Sorry for the long bla bla. Been listening to Timmy and its beginning
> to rub off perhaps ;>).
>
No problem ;-) I QSO with Tim almost daily; gives me time to get some
work done at the bench!

73,
-Larry/NE1S
>
>

11175. Re: [AWA Group] Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-31 21:04:38 UTC
From: Alex Marcianesi
Topic: 11123 Message: 11175

Ok guys I was thinking from 0800 to 10:00 so it gives us a 2 hr window to chat and stuff

Alex VE2AIU

Sent from my iPhone

> On Mar 31, 2015, at 16:39, "Larry Szendrei ne1s@... [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:
>
>> On 3/31/15 3:04 PM, dulmagedon@... [AWAGroup] wrote:
>>
>> Sounds like a good plan Larry. Alex will let us know the time here and we can be ready. Did you ever think you would be QRO man in the group with your 10W homebrew?
>> don
>>
> OK, Don, I'll keep an eye open for when Alex posts the QRG here.
>
> I'll have both wire antennas tuned up on 40M. One is best for local, the other for DX. I'll use the one that results in the best signal, of course. I've had pretty good luck operating AM in the 5-10W range as long as the frequency is clear. If you guys can't hear me, I'll put on something with more oomph.
>
> 73,
> -Larry/NE1S
>

11176. Re: [AWA Group] Re: Johnson Viking I and the 4D32/829B

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-31 22:39:14 UTC
From: dulmagedon@...
Topic: 11146 Message: 11176

Hi Hi, That is what I am doing when I am listening to him. Yeah Dave told me he has also been working a lot of 10m QRP lately too into Europe. I used to do a lot of 10M on SSB when I first got the phone endorsement on my Amateur license many moons ago. When I got my Advanced Amateur I sort of forgot about 10M. Now I don't have a 10M ant up although have one half built in the basement. Dx60B will do 10M. Today I finished the Cathode modded 40m 29 style rig. Haven't put fire in it but it is all done. Finished it listening to HLR. So I guess the No 19 is ok at that power out on AM and the only way to improve it is to up the total power from the 807 if one leaves it stock. IE 30 watts Cw would give approx 7.25 watts grid modded on AM. I am having good success with it so I think I will just enjoy it. I heard from Dave and he said he had no trouble copying it at all.
I see Alex has given us his sked. 8am to 10 AM EDST so we should be good to go.
don

11177. Re: [AWA Group] Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-31 22:40:10 UTC
From: dulmagedon@...
Topic: 11123 Message: 11177

OK should be fine.
don

11178. Re: [AWA Group] Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-03-31 23:19:53 UTC
From: Larry Szendrei
Topic: 11123 Message: 11178

On 3/31/15 5:04 PM, Alex Marcianesi alexm_1968@... [AWAGroup] wrote:
> Ok guys I was thinking from 0800 to 10:00 so it gives us a 2 hr
> window to chat and stuff
>
> Alex VE2AIU
Sounds good, Alex. Hope we can hook up then.

11179. April 1st

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-01 05:33:32 UTC
From: Louis Vermond
Topic: 11179 Message: 11179

https://groups.yahoo.com/neo/groups/AWAGroup/info?yguid=362240983

11180. Electrolytic Interrupter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-01 22:10:06 UTC
From: Roger Kuchera
Topic: 11180 Message: 11180

An induction coil or "spark coil" (archaically known as an inductorium or Ruhmkorff coil after Heinrich Ruhmkorff) is a type of electrical transformer used to produce high-voltage pulses from a low-voltage direct current (DC) supply.To create the flux changes necessary to induce voltage in the secondary, the direct current in the primary is repeatedly interrupted by a vibrating mechanical contact called an interrupter.
Courtesy of WikipediaRoger/K1TG

11181. No 19 Comment

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-02 05:17:50 UTC
From: dulmagedon@...
Topic: 11181 Message: 11181

I did go and vist my Dad today. I hadn't seen him in several months since I could not travel far until recently after my accident. That was 6 months ago. He is now living in a "home" and is 92 years old. It is about 170 miles away from me. He was always a big fan of the No 19 having taught its repair and maintenance during the war at No 1 Wireless School to Wireless Mechanics as they were called back then. He was always disgusted with me for not buying one when they were plentiful. It was the Russian lettering and the $19.99 price tag (my No 11 cost only $4.95) I avoided as things seemed a lot different at 14 or 15 then now. Anyway he had heard I know had a pair and one running and had been talking to my brothers about them. I wondered what he would say to me. It seemed fortunate that at 92 he even still had an interest in Radio. We discussed me having it a bit and I told him I was surprised at how well it worked for just 5 or 6 watts output on AM. His comment (yes comment) was short and sweet. "That, Don is because it is a very good radio!" I should give him his due while I am at it. He went after the war to a P-Eng career which included "Giving FM Radio Its Working Voice" (mobile commercial) for GE and designing the Radios for the famous Avro Arrow (lots on the web about this famous plane)and the Canadian version Voodoo jets (gas can radio, I think ARC552) while a design engineer for Collins Radio Company of Canada. He founded the first private EMI lab in Canada (I was a shareholder in this as the corp was mine from a previous deal) which is now part of Nemko of Norway, now the worlds largest in this field so I don't take his comments with a grain of salt. He still has an interest in this stuff which is surprising to me anyway. I guess I can hope at best I am still operating my Vintage shack and my No 19 when I am 92. Dad never desired to be a ham but did lead me in that direction early on.
I asked him about that once and he told me "You are an amateur. I am a professional."(OUCH!!!!)

11182. Re: [AWA Group] Electrolytic Interrupter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-02 10:48:15 UTC
From: Larry Szendrei
Topic: 11180 Message: 11182

On 4/1/15 6:10 PM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:
> An *induction coil* or "spark coil" (archaically
> <http://en.wikipedia.org/wiki/Archaism> known as an *inductorium* or
> *Ruhmkorff coil *after Heinrich Ruhmkorff
> <http://en.wikipedia.org/wiki/Heinrich_Ruhmkorff>) is a type of
> electrical transformer <http://en.wikipedia.org/wiki/Transformer> used
> to produce high-voltage pulses from a low-voltage direct current
> <http://en.wikipedia.org/wiki/Direct_current> (DC) supply.To create
> the flux changes necessary to induce voltage in the secondary, the
> direct current in the primary is repeatedly interrupted by a vibrating
> mechanical contact <http://en.wikipedia.org/wiki/Switch> called an
> interrupter <http://en.wikipedia.org/wiki/Interrupter>.
>
>
Thanks Roger, but I already new that. However, I am still not sure what
an */electrolytic/* interrupter is.

73,
-Larry/NE1S

11183. Re: [AWA Group] Electrolytic Interrupter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-02 13:47:14 UTC
From: Roger Kuchera
Topic: 11180 Message: 11183

It's all right there on Wikipedia. I didn't include enough text...Sorry.
Roger.

On Thursday, April 2, 2015 6:48 AM, "Larry Szendrei ne1s@securespeed.us [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv5043058494 #yiv5043058494 -- #yiv5043058494 .yiv5043058494ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv5043058494 div.yiv5043058494ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv5043058494 div.yiv5043058494photo-title a, #yiv5043058494 div.yiv5043058494photo-title a:active, #yiv5043058494 div.yiv5043058494photo-title a:hover, #yiv5043058494 div.yiv5043058494photo-title a:visited {text-decoration:none;}#yiv5043058494 div.yiv5043058494attach-table div.yiv5043058494attach-row {clear:both;}#yiv5043058494 div.yiv5043058494attach-table div.yiv5043058494attach-row div {float:left;}#yiv5043058494 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv5043058494 div.yiv5043058494ygrp-file {width:30px;}#yiv5043058494 div.yiv5043058494attach-table div.yiv5043058494attach-row div div a {text-decoration:none;}#yiv5043058494 div.yiv5043058494attach-table div.yiv5043058494attach-row div div span {font-weight:normal;}#yiv5043058494 div.yiv5043058494ygrp-file-title {font-weight:bold;}#yiv5043058494 #yiv5043058494

On 4/1/15 6:10 PM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:

> An induction coil or "spark coil" (archaically known as an inductorium or Ruhmkorff coil after Heinrich Ruhmkorff) is a type of electrical transformer used to produce high-voltage pulses from a low-voltage direct current (DC) supply.To create the flux changes necessary to induce voltage in the secondary, the direct current in the primary is repeatedly interrupted by a vibrating mechanical contact called an interrupter.

Thanks Roger, but I already new that. However, I am still not sure what an electrolytic interrupter is.

73,
-Larry/NE1S

11184. Re: [AWA Group] Mica Cap needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-02 13:50:35 UTC
From: Roger Kuchera
Topic: 11164 Message: 11184

GM Mike, Did you go down to your cellar yet? You didn't mention any medium of exchange (?).Sell/Trade/Gift??
Roger.

On Tuesday, March 31, 2015 9:08 AM, "Roger Kuchera rwkuchera@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv4083250575 #yiv4083250575 -- #yiv4083250575 .yiv4083250575ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv4083250575 div.yiv4083250575ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv4083250575 div.yiv4083250575photo-title a, #yiv4083250575 div.yiv4083250575photo-title a:active, #yiv4083250575 div.yiv4083250575photo-title a:hover, #yiv4083250575 div.yiv4083250575photo-title a:visited {text-decoration:none;}#yiv4083250575 div.yiv4083250575attach-table div.yiv4083250575attach-row {clear:both;}#yiv4083250575 div.yiv4083250575attach-table div.yiv4083250575attach-row div {float:left;}#yiv4083250575 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv4083250575 div.yiv4083250575ygrp-file {width:30px;}#yiv4083250575 div.yiv4083250575attach-table div.yiv4083250575attach-row div div a {text-decoration:none;}#yiv4083250575 div.yiv4083250575attach-table div.yiv4083250575attach-row div div span {font-weight:normal;}#yiv4083250575 div.yiv4083250575ygrp-file-title {font-weight:bold;}#yiv4083250575 #yiv4083250575

Hi Mike, Wow! That was a fast response and is most appreciated. That is why I refer to theAWA as "The League of Extraordinary Gentlemen!"
  Please keep me in mind if you need any parts as I have a large "junque" box.
Roger.

On Tuesday, March 31, 2015 8:55 AM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv4083250575 -- .yiv4083250575ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv4083250575 div.yiv4083250575ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv4083250575 div.yiv4083250575photo-title a, #yiv4083250575 div.yiv4083250575photo-title a:active, #yiv4083250575 div.yiv4083250575photo-title a:hover, #yiv4083250575 div.yiv4083250575photo-title a:visited {text-decoration:none;}#yiv4083250575 div.yiv4083250575attach-table div.yiv4083250575attach-row {clear:both;}#yiv4083250575 div.yiv4083250575attach-table div.yiv4083250575attach-row div {float:left;}#yiv4083250575 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv4083250575 div.yiv4083250575ygrp-file {width:30px;}#yiv4083250575 div.yiv4083250575attach-table div.yiv4083250575attach-row div div a {text-decoration:none;}#yiv4083250575 div.yiv4083250575attach-table div.yiv4083250575attach-row div div span {font-weight:normal;}#yiv4083250575 div.yiv4083250575ygrp-file-title {font-weight:bold;}#yiv4083250575 #yiv4083250575 -- filtered {font-family:Helvetica;panose-1:2 11 6 4 2 2 2 2 2 4;}#yiv4083250575 filtered

{font-family:Wingdings;panose-1:5 0 0 0 0 0 0 0 0 0;}#yiv4083250575 filtered {panose-1:2 4 5 3 5 4 6 3 2 4;}#yiv4083250575 filtered {font-family:Calibri;panose-1:2 15 5 2 2 2 4 3 2 4;}#yiv4083250575 filtered {font-family:Tahoma;panose-1:2 11 6 4 3 5 4 4 2 4;}#yiv4083250575 filtered {font-family:Verdana;panose-1:2 11 6 4 3 5 4 4 2 4;}#yiv4083250575 filtered {font-family:Consolas;panose-1:2 11 6 9 2 2 4 3 2 4;}#yiv4083250575 p.yiv4083250575MsoNormal, #yiv4083250575 li.yiv4083250575MsoNormal, #yiv4083250575 div.yiv4083250575MsoNormal
{margin:0in;margin-bottom:.0001pt;font-size:12.0pt;}#yiv4083250575 a:link, #yiv4083250575 span.yiv4083250575MsoHyperlink {color:blue;text-decoration:underline;}#yiv4083250575 a:visited, #yiv4083250575 span.yiv4083250575MsoHyperlinkFollowed
{color:purple;text-decoration:underline;}#yiv4083250575 p
{margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv4083250575 code {}#yiv4083250575 pre {margin:0in;margin-bottom:.0001pt;font-size:10.0pt;}#yiv4083250575 tt {}#yiv4083250575 span.yiv4083250575cat {}#yiv4083250575 span.yiv4083250575ct {}#yiv4083250575 span.yiv4083250575HTMLPreformattedChar {font-family:Consolas;}#yiv4083250575 p.yiv4083250575attach, #yiv4083250575 li.yiv4083250575attach, #yiv4083250575 div.yiv4083250575attach {margin-right:0in;margin-left:0in;font-size:9.0pt;}#yiv4083250575 p.yiv4083250575bold, #yiv4083250575 li.yiv4083250575bold, #yiv4083250575 div.yiv4083250575bold
{margin-right:0in;margin-left:0in;font-size:10.0pt;font-weight:bold;}#yiv4083250575 p.yiv4083250575green, #yiv4083250575 li.yiv4083250575green, #yiv4083250575 div.yiv4083250575green
{margin-right:0in;margin-left:0in;font-size:12.0pt;color:#628C2A;}#yiv4083250575 p.yiv4083250575replbq, #yiv4083250575 li.yiv4083250575replbq, #yiv4083250575 div.yiv4083250575replbq {margin:3.0pt;font-size:12.0pt;}#yiv4083250575 p.yiv4083250575ad, #yiv4083250575 li.yiv4083250575ad, #yiv4083250575 div.yiv4083250575ad
{margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv4083250575 p.yiv4083250575underline, #yiv4083250575 li.yiv4083250575underline, #yiv4083250575 div.yiv4083250575underline
{margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv4083250575 span.yiv4083250575yshortcuts {}#yiv4083250575 p.yiv4083250575ad1, #yiv4083250575 li.yiv4083250575ad1, #yiv4083250575 div.yiv4083250575ad1
{margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv4083250575 p.yiv4083250575ad2, #yiv4083250575 li.yiv4083250575ad2, #yiv4083250575 div.yiv4083250575ad2
{margin-right:0in;margin-bottom:7.5pt;margin-left:0in;font-size:12.0pt;}#yiv4083250575 p.yiv4083250575underline1, #yiv4083250575 li.yiv4083250575underline1, #yiv4083250575 div.yiv4083250575underline1 {margin-right:0in;margin-left:0in;font-size:12.0pt;text-decoration:underline;}#yiv4083250575 span.yiv4083250575yshortcuts1
{font-weight:bold;}#yiv4083250575 span.yiv4083250575yshortcuts2
{font-weight:normal;}#yiv4083250575 span.yiv4083250575EmailStyle36
{color:#1F497D;}#yiv4083250575 .yiv4083250575MsoChpDefault
{font-size:10.0pt;}#yiv4083250575 filtered {margin:1.0in 1.0in 1.0in 1.0in;}#yiv4083250575 div.yiv4083250575WordSection1 {}#yiv4083250575 filtered {}#yiv4083250575 filtered {font-family:Symbol;}#yiv4083250575 filtered {}#yiv4083250575 filtered {font-family:Wingdings;}#yiv4083250575 filtered {font-family:Wingdings;}#yiv4083250575 filtered {font-family:Wingdings;}#yiv4083250575 filtered {font-family:Wingdings;}#yiv4083250575 filtered {font-family:Wingdings;}#yiv4083250575 filtered {font-family:Wingdings;}#yiv4083250575 filtered {font-family:Wingdings;}#yiv4083250575 ol {margin-bottom:0in;}#yiv4083250575 ul {margin-bottom:0in;}#yiv4083250575

Hey Roger – I have been meaning to go down in the basement anyway, and putting it off, but, now that I have another reason I will. I literally have boxes of those, so will see if I can find one of the right value for you. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, March 31, 2015 8:51 AM
To: AWAGroup
Subject: [AWA Group] Mica Cap needed [1 Attachment] Gentlemen, Once again, I seem to lack a part for my current project. I am building an 804 PAstage for my vintage transmitter. I need a 250 uuF (aka 250 pf) Mica capacitor. It needs to be compact, due tomechanical considerations. The old WW2 surplus type CM-55 (?) is perfect. I havea fair collection of the type but not the value needed. A minimum Working voltageof 2.5 KV is required. I would be glad to purchase or swap for it. In a swap just let me know what valueyou would like. I have attached a JPEG of the type I need. Let me say Thanks ahead of time fortaking the time to look. CUL, Roger/K1TG

11185. electrolytic interrupters

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-02 14:01:43 UTC
From: Louis Vermond
Topic: 11185 Message: 11185
Attachments: 2 described; binary payloads are missing from this source WARC

Mercury and electrolytic interrupters[edit](left) 3-electrode Wehnelt interrupter used in high power coils. (right) Mercury turbine interrupter. The motor turns the toothed wheel while a stream of mercury is sprayed on the teeth. By adjusting the wheel up and down the duty cycle of the primary current can be changed.Although modern induction coils used for educational purposes all use the vibrating arm 'hammer' type interrupter described above, these were inadequate for powering the large induction coils used in spark-gap radio transmitters andx-ray machines around the turn of the 20th century. In powerful coils the high primary current created arcs at the interrupter contacts which quickly destroyed the contacts.[1] Also, since each "break" produces a pulse of voltage from the coil, the more breaks per second the greater the power output. Hammer interrupters were not capable of interruption rates over 200 breaks per second, and the ones used on powerful coils were limited to 20 – 40 breaks per second.

Therefore much research went into improving interrupters, and improved designs were used in high power coils, with the hammer interrupters only used on small coils under 8" sparks.[5] Léon Foucault and others developed interrupters consisting of an oscillating needle dipping into and out of a container of mercury.[1] The mercury was covered with a layer of spirits which extinguished the arc quickly, causing faster switching. These were often driven by a separate electromagnet or motor,[1] which allowed the interruption rate and "dwell" time to be adjusted separately from the primary current.

The largest coils used either electrolytic or mercury turbine interrupters.[1] The electrolytic or Wehnelt interrupter, invented by Arthur Wehnelt in 1899, consisted of a shortplatinum needle anode immersed in an electrolyte of dilute sulfuric acid, with the other side of the circuit connected to a lead plate cathode.[1][6] When the primary current passed through it, hydrogen gas bubbles formed on the needle which repeatedly broke the circuit. This resulted in a primary current broken randomly at rates up to 2000 breaks per second. They were preferred for powering X-ray tubes. They produced a lot of heat, and due to the hydrogen could explode. Mercury turbine interrupters had a centrifugal pump which sprayed a stream of liquid mercury onto rotating metal contacts.[1] They could achieve interruption rates up to 10,000 breaks per second, and were the most widely used type of interrupter in commercial wireless stations.[1][6]

11186. Re: [AWA Group] electrolytic interrupters

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-02 15:20:04 UTC
From: Larry Szendrei
Topic: 11185 Message: 11186

Thanks, Lou. I was about to go to Wikipedia, but then read your response.

-L

11187. FW: [nmqrp] very important

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-02 20:34:02 UTC
From: JAMES HANLON
Topic: 11187 Message: 11187

I hope you folks will support this effort. Jim, W8KGI To: NMQRP@yahoogroups.comCC: W5YA@yahoogroups.comFrom: nmqrp@yahoogroups.comDate: Thu, 2 Apr 2015 08:54:37 -0600Subject: [nmqrp] very important

A bill has actually been introduced into Congress which would extend the provisions of PRB-1 to CC&R's, REQUIRING then to accommodate outdoor antennas for amateur radio operators. It is critically important that LOTS of people send letters to their representatives in support, or this bill will go nowhere. Go here: http://www.arrl.org/hr-1301 for details, but also, the ARRL is asking that we send our letters to THEM, so that: * the letter doesn't go to a place in Maryland where it takes six weeks or more to be screened for explosives, and * they have a reason to call upon the representative face to face to deliver a bunch of letters to them. In Santa Fe County, it is almost impossible to purchase a home where CC&R's don't crush ham radio. If one does find and select one of the rare pieces, it still can take YEARS to get a permit for even the most modest of antenna supports. County law is only just now getting around to complying with NM state's PRB-1. 73, Fred KT5X

11188. RE: [AWA Group] Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-03 13:40:32 UTC
From: ALEX MARCIANESI
Topic: 11123 Message: 11188
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Don,

The band this morning was noisy, I broadcasted anyways on 7290 every 40 sec or so did you hear me?? I was keeping it short because I’m on batt pwr , but an AC psu is in the plans for the near future. What kind of psu are you using ?? I’m attaching a pic of my WS19 Mk3. I’m not using the variometer because I think its screwed up I’ll need to go inside of it and see what’s going on with it.

Alex VE2AIU

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, March 31, 2015 6:40 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: EF50 tube from WS19 Mk3

OK should be fine.
don

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

11189. RE: [AWA Group] Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-03 14:50:35 UTC
From: dulmagedon@...
Topic: 11123 Message: 11189

I was listening. Twice about 9 or so I heard distinctly my call letters and once I was sure I heard "Don". I answered but no response. Conditions were terrible with SSB interference early on and later a Kb3 plus the high noise level. I gave it my best shot and the last 15 minutes put the no 19 through my amp but to no avail.
I am on batteris also for the receiver and ht1 power and use a small bech supply I built to supply the extra for HT2 which I piggyback to the HT1 . Have you tried the No 19 and your ham station tuner on your regular ham 40m antenna? I am around all day so if you want to try agin around noon and around 4 pm I'm in.
i charge my battery with a solar panel. BTW.
don

11190. Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-03 17:44:09 UTC
From: alexm_1968@...
Topic: 11123 Message: 11190

Hi Don, we could try have another go perhaps Sunday evening or next Saturday morning I'll let you know the time.
I used my spare antenna tuner with my WS19 because my Variometer is screwed up.
So in my smalll list of things to do are make a WS19 QSO with Don , Purchase a better 12v batt from Canadian Tire
get the Variometer squared away maybe raise the ant a bit.

Alex VE2AIU

11191. Re: [AWA Group] Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-03 18:38:42 UTC
From: Larry Szendrei
Topic: 11123 Message: 11191

On 4/3/15 10:50 AM, dulmagedon@... [AWAGroup] wrote:
>
> I was listening. Twice about 9 or so I heard distinctly my call
> letters and once I was sure I heard "Don". I answered but no response.
>
Hi Don. I think that may have been me. I gave you a few calls around
that time, and you came back to me. I made a short transmission and
turned it back to you, but you were gone. After that I called you
several times but heard no response.

So I went down frequency to 7285 or so and hung out with K1GUP, W1TNA
(what a callsign!), and W1BBC for about 45 minutes. I was running 10W
with my homebrew PW screen-modulated 6CD6 rig the whole time.

73,
-Larry/NE1S
> .
>
>

11192. New MOPA Completed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-03 18:46:38 UTC
From: Steve
Topic: 11123 Message: 11192

I think I've finally solved my annual BK wind-angst problem by completing construction of a new MOPA.
I've posted info about it on today's blog:

http://ve7sl.blogspot.ca/

which also contains a further link to my more detailed web-description.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11193. Re: [AWA Group] New MOPA Completed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-03 19:14:43 UTC
From: Larry Szendrei
Topic: 11123 Message: 11193

Most excellent, Steve!

BTW, the direct link to the more detailed page is:

http://members.shaw.ca/ve7sl/mopa.html

73,
-Larry/NE1S

On 4/3/15 2:46 PM, 'Steve' ve7sl@... [AWAGroup] wrote:
>
> I think I've finally solved my annual BK wind-angst problem by completing
> construction of a new MOPA.
> I've posted info about it on today's blog:
>
> http://ve7sl.blogspot.ca/
>
> which also contains a further link to my more detailed web-description.
>
> Steve / 73
>

11194. Re: [AWA Group] New MOPA Completed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-03 22:09:53 UTC
From: Roger Kuchera
Topic: 11123 Message: 11194

Bravo! Nicely done. Even polished the Fahnestock clips....nice touch.
Aluminum does well when polished with car wax and FLOUR!
Roger/K1TG

On Friday, April 3, 2015 3:14 PM, "Larry Szendrei ne1s@... [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:

#yiv2598321779 #yiv2598321779 -- #yiv2598321779 .yiv2598321779ygrp-photo-title{clear:both;
font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv2598321779
div.yiv2598321779ygrp-photo{background-position:center;background-repeat:no-repeat;backgro
und-color:white;border:1px solid black;height:62px;width:62px;}#yiv2598321779
div.yiv2598321779photo-title a, #yiv2598321779 div.yiv2598321779photo-title a:active,
#yiv2598321779 div.yiv2598321779photo-title a:hover, #yiv2598321779
div.yiv2598321779photo-title a:visited {text-decoration:none;}#yiv2598321779
div.yiv2598321779attach-table div.yiv2598321779attach-row {clear:both;}#yiv2598321779
div.yiv2598321779attach-table div.yiv2598321779attach-row div {float:left;}#yiv2598321779
p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv2598321779
div.yiv2598321779ygrp-file {width:30px;}#yiv2598321779 div.yiv2598321779attach-table
div.yiv2598321779attach-row div div a {text-decoration:none;}#yiv2598321779
div.yiv2598321779attach-table div.yiv2598321779attach-row div div span
{font-weight:normal;}#yiv2598321779 div.yiv2598321779ygrp-file-title
{font-weight:bold;}#yiv2598321779 #yiv2598321779

Most excellent, Steve!

BTW, the direct link to the more detailed page is:

http://members.shaw.ca/ve7sl/mopa.html

73,
-Larry/NE1S

On 4/3/15 2:46 PM, 'Steve' ve7sl@... [AWAGroup] wrote:

  I think I've finally solved my annual BK wind-angst problem by completing
construction of a new MOPA.
I've posted info about it on today's blog:

http://ve7sl.blogspot.ca/

which also contains a further link to my more detailed web-description.

Steve / 73

11195. Re: [AWA Group] Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-03 22:22:00 UTC
From: dulmagedon@...
Topic: 11123 Message: 11195

Well the first time I was pretty sure it was you, Larry. In fact I went back to you on that assumption. Your ID was smothered by QRM but it sounded like your voice. When you were in the clear it was fine. The second time someone was right on top of you. There was nothing wrong with your signal. I was getting QRMed severe closer in. I could not sort it out. I stayed at it though till about 10:04 my time. This afternoon the band was not good at all for me. So I worked on my 10m antenna and now have it set upon the rear deck.
don

11196. Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-03 22:24:25 UTC
From: dulmagedon@...
Topic: 11123 Message: 11196

Sure Alex I am up for a try ANYTIME you wish if I am here. Just give me a heads up.
don

11197. Re: New MOPA Completed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-04 11:11:36 UTC
From: dulmagedon@...
Topic: 11123 Message: 11197

Nice deal. When do we hear it on?
BTW was swling or lwling last night.It was busy!
don

11198. Re: [AWA Group] Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-04 11:20:34 UTC
From: Larry Szendrei
Topic: 11123 Message: 11198

Wanna try again this morning, 7290 +/- at about 9:30AM local?

-NE1S

On 4/3/15 6:22 PM, dulmagedon@... [AWAGroup] wrote:
>
> Well the first time I was pretty sure it was you, Larry. In fact I
> went back to you on that assumption. Your ID was smothered by QRM but
> it sounded like your voice. When you were in the clear it was fine.
> The second time someone was right on top of you. There was nothing
> wrong with your signal. I was getting QRMed severe closer in. I could
> not sort it out. I stayed at it though till about 10:04 my time. This
> afternoon the band was not good at all for me. So I worked on my 10m
> antenna and now have it set upon the rear deck.
> don
>
>

11199. Re: [AWA Group] Re: EF50 tube from WS19 Mk3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-04 15:42:38 UTC
From: dulmagedon@...
Topic: 11123 Message: 11199

Sorry Larry I was out getting my ears lowered. Just got home. I would like to try it gain. Your rig sounded nice. clean before we got smothered. The QRM was so bad didn't hear any complete transmission but my call and my name once when you were in the clear. I am going to the shack in a few minutes and will be working on my 160 project but will be listening on 40m . I am usually on 7290 but can go anywhere. Yes I am up for it anytime.
don

11200. Re: [AWA Group] New MOPA Completed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-04 15:59:40 UTC
From: Steve
Topic: 11123 Message: 11200

Thanks Larry, Roger and Don. I look forward to working all of you in the '29 Party with the new rig!

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11201. Re: [AWA Group] New MOPA Completed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-04 16:33:26 UTC
From: Louis Vermond
Topic: 11123 Message: 11201

I think I've finally solved my annual BK wind-angst problem by completing construction of a new MOPA. Watch....no wind.

11202. Re: [AWA Group] New MOPA Completed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-04 16:48:15 UTC
From: Larry Szendrei
Topic: 11123 Message: 11202

On 4/4/15 11:59 AM, 'Steve' ve7sl@... [AWAGroup] wrote:
>
> Thanks Larry, Roger and Don. I look forward to working all of you in
> the '29
> Party with the new rig!
>
Have you made any QSOs with it yet, Steve?

Is it just for 80 and 40, or will you include 160M (or even 20M?)
eventually?

11203. Re: [AWA Group] New MOPA Completed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-04 17:11:39 UTC
From: Steve
Topic: 11123 Message: 11203

Larry - I worked a few of the locals just before taking it off the bench last week. Lou gave me a 229 on 80m but it was just past sunset here and poor Lou needed his beauty sleep...ideally we should have run much later on 80m which has not been too friendly of late either. I'll wind 160 coils for it in Decemeber, between the first and second weekend. No plans for 20m unless we can move that band into BK territory...now that would be fun as we could have some daylight Transcon-fun...of course one would have to keep one hand on the rx to follow the signal up the band :-)

Steve

> Have you made any QSOs with it yet, Steve?
>
> Is it just for 80 and 40, or will you include 160M (or even 20M?)
> eventually?
>

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11204. Whither VHF Radio...?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-04 18:00:23 UTC
From: Eddy Swynar
Topic: 11204 Message: 11204

Hi Guys,

This past week, after an absence of several years, I hooked-up my old Radio Shack PRO-2004 scanner to the 50' tall outdoor TV antenna here, & proceeded to scan a number of what USED to be commonly-used VHF frequencies here, both Amateur AND commercial / government...

What an absolute shock to hear NOTHING at all breaking the squelch!

I am especially amazed at the profound & VERY real absence of any 2-meter repeater activity within the 50, or so, miles of my place: time was the repeater channels were just TEEMING with users lining-up to get on---but no more.

What the heck has happened...? Where'd all of the VHF users go---besides just the repeater crowd...? I KNOW the receiver works, because I am able to pick-up stations within the FM broadcast band with it, no problem whatsoever...

Is this vacancy symptomatic of EVERYWHERE, I wonder...?

~73~ de Eddy VE3CUI - VE3XZ

11205. Re: [AWA Group] New MOPA Completed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-04 18:01:44 UTC
From: Louis Vermond
Topic: 11123 Message: 11205
Attachments: 1 described; binary payloads are missing from this source WARC

Lou needed sleep with his beauty ...

11206. Re: [AWA Group] New MOPA Completed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-04 18:30:12 UTC
From: dulmagedon@...
Topic: 11123 Message: 11206

"With reports from Lou add 2" ;>)
He is very honest.
don

11207. New 29 style rig finished

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-04 18:33:33 UTC
From: dulmagedon@...
Topic: 11207 Message: 11207

I have been poking around at a 45 Hartley with a 01A cathode modulator. I got it up and going this week but wasn't happy with it initially. I made a few mods including split feeding the cathodes with a pair of resistors like I did on my TNT years ago. It liked that even on the modulator. Tunes continuous from 1850 to 7300kcs so I am good on 160M 80M and 40M. I currently have no key jack but will install one bypassing the 01a modulator as it is series cathode modulation. I had it on 40M this afternoon but no joy however it does appear to be working reasonably well. I will post pics later. (gotta steal the XYLs camera)

11208. Re: New 29 style rig finished

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-04 21:07:32 UTC
From: dulmagedon@...
Topic: 11207 Message: 11208
Attachments: 1 described; binary payloads are missing from this source WARC

Here it is just after its first test. The big knob is the tuning cap (inside the wooden chassis) which comes from a 20s Harris radio. It is a big cap and has a range it would appear of at least 365 if not more (500?) The coil is from my 20s transceiver and is one of the inner ones I removed. The big tube is a 45 and the antenna (Farnstocks) is fed with a two turn loop. The circuit is a Hartley. I no longer use the movable tap. After building several I have a preference. The Hartley tube and the mod tube use separate heater supplies. It simplifies the design problems and since they are not the same voltage anyway it made sense. The lead from the cathode of the Hartley fed from the centre of the two cathode resistors which feed each side of the heater(cathode) goes to the plate of the 01A. The B- from the PS is fed into the cathode of the 01A through an identical resistor Y network. The 01A is in total control of all Bneg going to the 45 tube osc. The 01a is fed from an audio transformer through a .1 cap. It can be fed direct but works better through a cap. .1 seemed to me to work best. (I have been playing with the design for a couple of years in discrete form) I stole the bias for the carbon mic from the 01a's heater battery. I am using a #3 hand mic but am looking for a cheap busted candle stick phone to replace it so it will be period correct. I started out with a 1920s audio transformer from an old set but it didn't supply the proper ratio for the project so I subbed this one for the time being. I may try making a cover for it so it looks right or search for an early phone audio transformer which should work. I could rewind the early one I have except it is good and I can't bring myself to destroy it. I am still thinking this through. I tested it on 250 volts on the B plus. with cathode series mod you can use more as there is a fair voltage drop across the mod tube so the 45 doesn't really see the 250 volts in service. An extra 100v would be my preference.
don

11209. Big DX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-06 16:55:53 UTC
From: dulmagedon@...
Topic: 11209 Message: 11209

This morning while cleaning my shack I heard Gerry K1GUP IDing . I flipped the switches and warmed up the No 19. I was able to work him fairly well considering conditions and completed a short AM QSO. That is a new DX record for me with the No 19 and more then I though possible. 417 miles ATCF. I am starting to love this old transceiver. I was as usual operating barefoot. (about 6 watts out) I would like to try it on the twin 811A amp now just for fun. I have now exceeded my goals for this rig running barefoot. Never expected it to be so much fun.
don

11210. Re: [AWA Group] Big DX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-06 18:35:58 UTC
From: Alex Marcianesi
Topic: 11209 Message: 11210

Very Cool Don Alex VE2AIU
From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, April 6, 2015 12:55 PM
Subject: [AWA Group] Big DX

This morning while cleaning my shack I heard Gerry K1GUP IDing . I flipped the switches and warmed up the No 19. I was able to work him fairly well considering conditions and completed a short AM QSO. That is a new DX record for me with the No 19 and more then I though possible. 417 miles ATCF. I am starting to love this old transceiver. I was as usual operating barefoot. (about 6 watts out) I would like to try it on the twin 811A amp now just for fun. I have now exceeded my goals for this rig running barefoot. Never expected it to be so much fun.
don

11211. Re: [AWA Group] Big DX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-06 19:40:58 UTC
From: Louis Vermond
Topic: 11209 Message: 11211

You seem to be having the most fun here, Don. ...FB Lou

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-04-06 12:55 PM
Subject: [AWA Group] Big DX

This morning while cleaning my shack I heard Gerry K1GUP IDing . I flipped the switches and warmed up the No 19. I was able to work him fairly well considering conditions and completed a short AM QSO. That is a new DX record for me with the No 19 and more then I though possible. 417 miles ATCF. I am starting to love this old transceiver. I was as usual operating barefoot. (about 6 watts out) I would like to try it on the twin 811A amp now just for fun. I have now exceeded my goals for this rig running barefoot. Never expected it to be so much fun.
don

11212. FYI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-07 15:53:24 UTC
From: Louis Vermond
Topic: 3020 Message: 11212

http://www.seas.upenn.edu/~uparc/documents/First%20Annual%20Official%20Wireless%20Blue%20Book%20-%201909.pdf

11213. Re: FYI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-07 22:35:55 UTC
From: dulmagedon@...
Topic: 3020 Message: 11213

Geschichte des Amateurfunk
http://www.darc.de/distrikte/f/35/ausbildung-und-pruefung/geschichte-des-amateurfunk/

http://www.darc.de/distrikte/f/35/ausbildung-und-pruefung/geschichte-des-amateurfunk/

Geschichte des Amateurfunk
http://www.darc.de/distrikte/f/35/ausbildung-und-pruefung/geschichte-des-amateurfunk/
Geschichte des Amateurfunks Amateurfunk seit 1909 Die Wiege des Amateurfunks lag in den USA und Kanada. Hier begannen bereits 1909 T...

View on www.darc.de
http://www.darc.de/distrikte/f/35/ausbildung-und-pruefung/geschichte-des-amateurfunk/
Preview by Yahoo

My email is being stupid Lou so here it is

11214. Re: [AWA Group] Re: FYI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-08 00:46:57 UTC
From: Louis Vermond
Topic: 3020 Message: 11214

AWAGroup... I asked Don for any leads to sites covering early German ham radio history. Lou

---

Translation is a bit nonsensical, but basic info is there. Tks, Don. It appears that Ds were on the air thru the war.

"The highlight of the "research" was a double detector with a Umschaltspule. This epoch-making machine was that it did not find the authorities, installed in the toilet of Slawyk family." Odd place to hide a detector. :o)

What is a "Umschaltspule"? Does not translate.

11215. 8 miles!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-08 01:08:56 UTC
From: Louis Vermond
Topic: 11215 Message: 11215

http://earlyradiohistory.us/1904ama.htm

11216. Re: [AWA Group] Re: FYI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-08 01:42:47 UTC
From: Daniel Petersen
Topic: 3020 Message: 11216

"Um" is turn, twist, divert. "shalt" (shalter) is "switch" and "spule" is "coil"
So - tunable coil or slider coil, adjustable coil? Wrapped around a toilet?
Obviously for listening to Hitler's speeches.
bis bald,
Dan - W7OIL
PS - probably hidden in the toilet *tank.*

On Tue, Apr 7, 2015 at 5:46 PM, Louis Vermond ldvermond@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> □
> AWAGroup... I asked Don for any leads to sites covering early German ham
> radio history. Lou
>
> ---
> Translation is a bit nonsensical, but basic info is there. Tks, Don. It
> appears that Ds *were* on the air thru the war.
>
> "The highlight of the "research" was a double detector with a
> Umschaltspule. This epoch-making machine was that it did not find the
> authorities, installed in the toilet of Slawyk family." Odd place to
> hide a detector. :o)
>
> What is a "Umschaltspule"? Does not translate.
>
>
>

--

73,
Dan - W7OIL

11217. Re: [AWA Group] Re: FYI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-08 02:30:11 UTC
From: dulmagedon@...
Topic: 3020 Message: 11217

German or Deutsch does not translate well and rarely well word for word but will give the general jist of the conversation. For me I must think in Deutsch to function in it and that takes a bit of time usually an hour of being in it till I get comfy. If I was asked what that is referring to I would say from the general feel of the conversation it is talking about an old style wire detector.(looks a bit like a crude wire recorder) Some will know which style I am talking about.
I can probably find a drawing on my old 1917 Radio Telegraph manual.
I tried for several hours to send this to Lou on the QT by email but my email would not allow it even when went to a WIfi location so I popped it in here. My apologies for the fuss. Or as my familie Dolmetsch (Dulmage) would say over there." Es tut mir leid."
don

11218. Re: [AWA Group] Re: FYI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-08 03:31:40 UTC
From: Daniel Petersen
Topic: 3020 Message: 11218

" Es tut mir leid."

Ist doch kein Problem. Ich verstehe. Mein Deutsch ist rostig auch.
Dan - W7OIL

On Tue, Apr 7, 2015 at 7:30 PM, dulmagedon@yahoo.ca [AWAGroup] <
AWAGroup@yahoogroups.com> wrote:

>
>
> German or Deutsch does not translate well and rarely well word for word
> but will give the general jist of the conversation. For me I must think in
> Deutsch to function in it and that takes a bit of time usually an hour of
> being in it till I get comfy. If I was asked what that is referring to I
> would say from the general feel of the conversation it is talking about an
> old style wire detector.(looks a bit like a crude wire recorder) Some will
> know which style I am talking about.
> I can probably find a drawing on my old 1917 Radio Telegraph manual.
> I tried for several hours to send this to Lou on the QT by email but my
> email would not allow it even when went to a WIfi location so I popped it
> in here. My apologies for the fuss. Or as my familie Dolmetsch (Dulmage)
> would say over there." Es tut mir leid."
> don
>
>

--

73,
Dan - W7OIL

11219. Compound German noun

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-08 12:47:16 UTC
From: Roger Kuchera
Topic: 11219 Message: 11219

Gentlemen, I got the following from a German scholar friend of mine:
Ah, German compound nouns! Wonderful things. I had to go looking for that one, and then the two parts separately. I believe we would translate it as something like "backup reel." The verb form, "umschalten," means "to switch over [from one thing to another]," and "Spule" is the same as our word "spool." Online it appears mostly in electrical diagrams.
Roger/K1TG

11220. Re: [AWA Group] Re: FYI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-08 12:50:24 UTC
From: Roger Kuchera
Topic: 3020 Message: 11220

It sounds like they may have had the right idea. A coil wound on a ceramic commodewould certainly have a higher Q than if the used a wooden one.
Roger/K1TG

On Tuesday, April 7, 2015 11:31 PM, "Daniel Petersen dan.w7oil@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv3903825505 #yiv3903825505 -- #yiv3903825505 .yiv3903825505ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv3903825505 div.yiv3903825505ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv3903825505 div.yiv3903825505photo-title a, #yiv3903825505 div.yiv3903825505photo-title a:active, #yiv3903825505 div.yiv3903825505photo-title a:hover, #yiv3903825505 div.yiv3903825505photo-title a:visited {text-decoration:none;}#yiv3903825505 div.yiv3903825505attach-table div.yiv3903825505attach-row {clear:both;}#yiv3903825505 div.yiv3903825505attach-table div.yiv3903825505attach-row div {float:left;}#yiv3903825505 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv3903825505 div.yiv3903825505ygrp-file {width:30px;}#yiv3903825505 div.yiv3903825505attach-table div.yiv3903825505attach-row div div a {text-decoration:none;}#yiv3903825505 div.yiv3903825505attach-table div.yiv3903825505attach-row div div span {font-weight:normal;}#yiv3903825505 div.yiv3903825505ygrp-file-title {font-weight:bold;}#yiv3903825505 #yiv3903825505 #yiv3903825505 #yiv3903825505 --#yiv3903825505ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv3903825505 #yiv3903825505ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv3903825505 #yiv3903825505ygrp-mkp #yiv3903825505hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv3903825505 #yiv3903825505ygrp-mkp #yiv3903825505ads {margin-bottom:10px;}#yiv3903825505 #yiv3903825505ygrp-mkp .yiv3903825505ad {padding:0 0;}#yiv3903825505 #yiv3903825505ygrp-mkp .yiv3903825505ad p {margin:0;}#yiv3903825505 #yiv3903825505ygrp-mkp .yiv3903825505ad a {color:#0000ff;text-decoration:none;}#yiv3903825505

" Es tut mir leid."
Ist doch kein Problem. Ich verstehe. Mein Deutsch ist rostig auch.Dan - W7OIL
On Tue, Apr 7, 2015 at 7:30 PM, dulmagedon@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

  German or Deutsch does not translate well and rarely well word for word but will give the general jist of the conversation. For me I must think in Deutsch to function in it and that takes a bit of time usually an hour of being in it till I get comfy. If I was asked what that is referring to I would say from the general feel of the conversation it is talking about an old style wire detector.(looks a bit like a crude wire recorder) Some will know which style I am talking about.
I can probably find a drawing on my old 1917 Radio Telegraph manual.
I tried for several hours to send this to Lou on the QT by email but my email would not allow it even when went to a WIfi location so I popped it in here. My apologies for the

fuss. Or as my familie Dolmetsch (Dulmage) would say over there." Es tut mir leid."
don

--

73,
Dan - W7OIL

11221. Re: [AWA Group] Re: FYI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-08 13:32:57 UTC
From: dulmagedon@...
Topic: 3020 Message: 11221
Attachments: 1 described; binary payloads are missing from this source WARC

I took from the piece that this is what it was talking about or Slawyks version of it.
Re German , In 2005 I was contacted to do a race engine for Christophe Schwartz, a German National living in Verseilles France (Camtechs Corp) The whole complete conversation both business and technical was conducted in German by Email but when he came here to finalize it and bring the Start Money once the plan was agreed to I discovered he spoke perfect English. I asked him why we did it all in German and he said "Your German is different but very understandable which we find fun to read." I learned it at 50 years old so I could talk to my original family in Germany. When I read I just read and absorb. When I speak or write I give it my best shot and try not to over think it. Because I think I am German from both Mom and Dad (third largest ethnic group in Canada) there is an instinctive component that I did not expect however my direct ancestor Johan Adam Dolmetsch left Germany in 1709. Also our name means interpret. In Germany you need a Dolmetscher to translate.
Anyway enuf of that. The mag detector used a moving iron wire in two spools passing through a glass or ceramic tube wound with a coil connected to an earphone (the Old Navy book says a telephone) A pair of magnets placed with opposite poles affecting the moving wire acted on the magnetism in the wire making the signal detectable. The signal was introduced to the moving iron wire by another large winding on a spool which was connected to a tuned circuit and coupled to an antenna. Hidden in a toliet may not actually refer to one of mr Crapper's invention. This was 1920 or before. I can remember folks in the 50s and 60s still tripping outback in the moonlight to "That little ol shack outback" In fact this may have been the original Ham Shack!
don

11222. Re: [AWA Group] Re: FYI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-08 14:47:08 UTC
From: Larry Szendrei
Topic: 3020 Message: 11222

On 4/8/15 8:50 AM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:
> It sounds like they may have had the right idea. A coil wound on a
> ceramic commode
> would certainly have a higher Q than if the used a wooden one.
>
> Roger/K1TG
>
> .
>
>

Yeah, but they'll probably both work like crap ;-)

(Sorry - couldn't help myself!)

73,
-Larry/NE1S

11223. WOW

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-08 19:34:26 UTC
From: Louis Vermond
Topic: 11223 Message: 11223

http://www.historyofpa.co.uk/pages/cw_iie_.htm

11224. Amateur Radio History: Czech Republic.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-09 12:33:32 UTC
From: Louis Vermond
Topic: 11224 Message: 11224
Attachments: 1 described; binary payloads are missing from this source WARC

Mistra http://www.crk.cz/ENG/SPOLKYE

Jarmila Hermanova, OK2YL

11225. Re: [AWA Group] WOW

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-09 16:36:08 UTC
From: Ron Barlow
Topic: 11223 Message: 11225

Many thanks for posting this awesomely interesting "read", Lou!
I wonder if any "R" type valves have survived the passage of nearly 100 years of time?
tks & 73 de ron n4gjv

On Wed, 4/8/15, Louis Vermond ldvermond@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] WOW
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Date: Wednesday, April 8, 2015, 3:34 PM

http://www.historyofpa.co.uk/pages/cw_iie_.htm

11226. Ebay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-09 22:21:34 UTC
From: Louis Vermond
Topic: 893 Message: 11226

TNT perfect...

http://www.ebay.com/itm/Vintage-Weston-Model-506-D-C-Milliamperes-Panel-Meter-0-100-Milliamps-/111642000891?ssPageName=ADME:B:SS:CA:1120

11227. WOW & Ron

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-09 22:50:18 UTC
From: Louis Vermond
Topic: 11227 Message: 11227

Many thanks for posting this awesomely interesting "read", Lou!
I wonder if any "R" type valves have survived the passage of nearly 100 years of time?
tks & 73 de ron n4gjv

Hello Ron,

"R" type valves have survived...? Yes. They come up on eBayUK plus there are Euro valve dealers.

73, Lou

11228. Re: WOW & Ron

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-10 11:26:05 UTC
From: dulmagedon@...
Topic: 11227 Message: 11228

I see the magnetic reel to reel wire detector is also pictured there in the UK stuff. This device is intriguing because detecting is not done live but around the corner and the rf signal carried in magnetic formation style to the detector proper. One could have wit a simple design change record their recieved signals for playback later even if that was never thought of in the moment. This device with its clockwork spring driven mechanism is the fore runner of the wore recorder and later tape recorder. There is a functional wire recorder for sale in an antique shop in the Ottawa Valley. I go there because he always has old bakelite earphones and mics etc for sale. I asked him how it worked and he said not bad although not hi fi. Then moving over to the Czech piece Lou showed us you see Czech's first amateur sitting outside with his radio in front of what looks like a "toilet" , perhaps a "two holer," The concept that clandestine Amateur Radio equipment was hidden in outhouses may not actually be so far fetched.
don

11229. New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-10 18:45:19 UTC
From: Louis Vermond
Topic: 7747 Message: 11229

I am a current subscriber to AWA. I hope to have a transmitter completed to enter this years BK. General
Class license since 1964. Now retired with more time. 73 Tim Desiato, A.R.S. WA8LHB

Please welcome, Tim.

11230. Re: New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-10 19:50:52 UTC
From: dulmagedon@...
Topic: 7747 Message: 11230

tis a lot of fun Tim, Hope to hear you on.
don

11231. Re: [AWA Group] Re: New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-10 21:34:12 UTC
From: Roger Kuchera
Topic: 7747 Message: 11231

Welcome aboard!
Roger/K1TG

On Friday, April 10, 2015 3:50 PM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv7849272489 #yiv7849272489 .yiv7849272489ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv7849272489 div.yiv7849272489ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv7849272489 div.yiv7849272489photo-title a, #yiv7849272489 div.yiv7849272489photo-title a:active, #yiv7849272489 div.yiv7849272489photo-title a:hover, #yiv7849272489 div.yiv7849272489photo-title a:visited {text-decoration:none;}#yiv7849272489 div.yiv7849272489attach-table div.yiv7849272489attach-row {clear:both;}#yiv7849272489 div.yiv7849272489attach-table div.yiv7849272489attach-row div {float:left;}#yiv7849272489 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv7849272489 div.yiv7849272489ygrp-file {width:30px;}#yiv7849272489 div.yiv7849272489attach-table div.yiv7849272489attach-row div div a {text-decoration:none;}#yiv7849272489 div.yiv7849272489attach-table div.yiv7849272489attach-row div div span {font-weight:normal;}#yiv7849272489 div.yiv7849272489ygrp-file-title {font-weight:bold;}#yiv7849272489 --> <!--#yiv7849272489 #yiv7849272489ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv7849272489 #yiv7849272489ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv7849272489 #yiv7849272489ygrp-mkp #yiv7849272489hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv7849272489 #yiv7849272489ygrp-mkp #yiv7849272489ads {margin-bottom:10px;}#yiv7849272489 #yiv7849272489ygrp-mkp .yiv7849272489ad {padding:0 0;}#yiv7849272489 #yiv7849272489ygrp-mkp .yiv7849272489ad p {margin:0;}#yiv7849272489 #yiv7849272489ygrp-mkp .yiv7849272489ad a {color:#0000ff;text-decoration:none;}-->

tis a lot of fun Tim, Hope to hear you on.
don

11232. Re: [AWA Group] New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-10 22:33:49 UTC
From: K3PID
Topic: 7747 Message: 11232

Welcome Tim! Building my first TNT (well, collecting the parts anyway) and hope to be in the BK also...

Ron K3PID

11233. Project Revival

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-11 03:14:51 UTC
From: dulmagedon@...
Topic: 11233 Message: 11233
Attachments: 1 described; binary payloads are missing from this source WARC

Spurred on by the success with my No 19 on low power I took another look at the transceiver I built several years ago. Built on a wooden chassis inside a 1920s radio cabinet it is basically built with 1930s parts all scaveneged from an old radio with some 1920s stuff thrown in for good measure. I have had it on the air and have twice in two different years made an AM contact with it. Not great but able to complete the QSO so that was ok. Now having had several good QSOs with the no 19 I want more from this one. Power wise they are not that far apart and that was the first thing I did in reviving the set after making it a new power supply. Tested to see if they were close and they are with the No 19 being about 1.5 watts more. I played around with ouput tubes running a 6l6 EH then a old vintage 6l6 black plate and finally a old 6v6. I settled on the 6v6 because it matches the modulation system the best.While the 2 6l6s will put put more power carrier wise the 6v6 modulates better being able to fit right into the desired screen voltage plus modulation that the system needs. I should explain the screen voltage on the final is adjustable from the front panel. It bugs me that the no 19 gets an answer almost everytime I use it while this set has only had two good contacts and yet power is similar. I suspect it is because the no 19 has good modulation in relation to its carrier while this set is peraps shy of that. I want to sort that out as like this set a lot. The problem is compounded by the fact that there is almost no local AM or vintage activity near me so anything I do with it is some form of almost DX. If the No 19 wasn't so effetive I wouldn't even be thinking this. So I have raised the modulation percent some, rebuilt the PA tank so it fully tunes (80m and 40M continuous) Rebuilt the power supply and played with the tube selection. I also reworked the Rx antenna inout and can now copy HAMS on AM with ease(and SSb and CW as well) The recver is a two tube regen with a 6sn7 and a 6v6 for tubes. The Tx carriers an identical set of tubes. The set tracks well and has RIT for any minor adjustments that may be required. So I will be laying with is when opportunity presents itself as well as the no 19 set. If you hear it jump in.
don

11234. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-14 23:15:48 UTC
From: Louis Vermond
Topic: 130 Message: 11234

http://www.ebay.ca/itm/TUBE-TYPE-TRANSMITTER-GUIDE-BOOK-FROM-1922-to-1970-BY-EUGENE-RIPPEN/161666471846?_trksid=p2060778.c100275.m3474&_trkparms=aid%3D333008%26algo%3DRIC.MBE%26ao%3D1%26asc%3D20140723144414%26meid%3Df8c9b354d9b54312b924057c00db6398%26pid%3D100275%26rk%3D3%26rkt%3D4%26sd%3D251855236033

11235. Re: [AWA Group] New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-16 03:07:02 UTC
From: Ron Barlow
Topic: 7747 Message: 11235

Hi Tim,
Welcome and GL with your plans!
73 de ron n4gjv

On Fri, 4/10/15, Louis Vermond ldvermond@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] New Member
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Date: Friday, April 10, 2015, 2:45 PM

I am a
current subscriber to AWA. I
hope to have a transmitter completed to enter this years BK.
General
Class
license since 1964. Now retired with more time. 73 Tim
Desiato,
A.R.S. WA8LHB

Please welcome, Tim.

11236. Some here may know his name...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-16 21:47:59 UTC
From: Louis Vermond
Topic: 11236 Message: 11236
Attachments: 1 described; binary payloads are missing from this source WARC

Radio Broadcast, 1922

11237. Re: Project Revival

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-18 11:45:44 UTC
From: dulmagedon@...
Topic: 11233 Message: 11237

I was playing around checking with clipleads and discovered the Electromagnetic carbon mic circuit will feed the 6v6 screen direct.(plus dc screen voltage adjusted down for room) I didnt think it would so never tried it before. Sounded real good on a monitor rx . Better then before. Going to explore it a bit just to see where it leads. Maybe 1 tube early beam power Am transmitter. A la 1934. Did not expect this bypass to work so well. Anyway it will take some testing to see. Might just be a fluke of some kind.
don

11238. RE: [AWA Group] Re: Project Revival

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-18 12:29:41 UTC
From: Mike Feher
Topic: 11233 Message: 11238

Don –

What is an “electromagnetic carbon mike”? 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, April 18, 2015 7:46 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: Project Revival

I was playing around checking with clipleads and discovered the Electromagnetic carbon mic circuit will feed the 6v6 screen direct.(plus dc screen voltage adjusted down for room) I didnt think it would so never tried it before. Sounded real good on a monitor rx . Better then before. Going to explore it a bit just to see where it leads. Maybe 1 tube early beam power Am transmitter. A la 1934. Did not expect this bypass to work so well. Anyway it will take some testing to see. Might just be a fluke of some kind.
don

11239. RE: [AWA Group] Re: Project Revival

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-18 15:52:33 UTC
From: dulmagedon@...
Topic: 11233 Message: 11239

Never heard of such a thing. You seemed to have missed one word.
don

11240. RE: [AWA Group] Re: Project Revival

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-18 16:14:51 UTC
From: Mike Feher
Topic: 11233 Message: 11240

What did I miss?

“I was playing around checking with clipleads and discovered the Electromagnetic carbon mic circuit will feed the 6v6 screen direct.(plus dc screen voltage adjusted down for room) I didnt think it would so never tried it before. Sounded real good on a monitor rx . Better then before. Going to explore it a bit just to see where it leads. Maybe 1 tube early beam power Am transmitter. A la 1934. Did not expect this bypass to work so well. Anyway it will take some testing to see. Might just be a fluke of some kind.
don”

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, April 18, 2015 11:53 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Re: Project Revival

Never heard of such a thing. You seemed to have missed one word.
don

11241. RE: [AWA Group] Re: Project Revival

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-20 15:06:21 UTC
From: dulmagedon@...
Topic: 11233 Message: 11241

"circuit" Typical for early telephones, early hearing aids etc. AKA electromechanical carbon mic circuit but both descriptions are commonly used.(and google well)
Anyway The experiment turned out for me to be interesting and worthwhile as the end result was I was able to really improve the modulation of this little hb rig. Good performance is now centered on Screen control pot about 1/2 way which is what I like on controls. I don't like having the sweet spot near the ends. This has spurred me on to experiment further with no valve or tube (kein rohre) in the speech circuit with another low power rig. Might not be practical but it will be interesting. In the end I re-installed the triode in the speech circuit but as a result of this testing was able to really improve its performance to a level that surprises myself even.
don

11242. ‘BEAST OF TURIN’ Don especially, take note....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-20 16:02:27 UTC
From: Louis Vermond
Topic: 11242 Message: 11242

https://grrc.goodwood.com/race/historic/28-5-litre-fiat-s76-runs-first-time-100-years

Then:

https://grrc.goodwood.com/festival-of-speed/latest/video-legendary-28-litre-fiat-s76-driven-for-the-first-time-in-100-years?utm_source=The+Goodwood+Estate+Company+Ltd&utm_medium=email&utm_campaign=5538846_GRR+3+April+2015&utm_content=S76&dm_i=1QLU%2c3APSU%2cARYNNF%2cBSVKX%2c1#h0kf85QpijKL1fCv.97

11243. Re: ‘BEAST OF TURIN’ Do n especially, take note....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-20 18:03:32 UTC
From: dulmagedon@...
Topic: 11242 Message: 11243

28.5 litres! Wow. Thanks.
don

11244. Re: [AWA Group] Re: ‘BEAST OF TU RIN’ Don especially, take not e....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-20 18:20:34 UTC
From: Louis Vermond
Topic: 11244 Message: 11244

Ur welcome, Don...

28.5 litres! Wow. Thanks.
don

11245. Re: ‘BEAST OF TURIN’ Do n especially, take note....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-21 02:09:14 UTC
From: alexm_1968@...
Topic: 11242 Message: 11245

Very cool, early hot rod very

11246. Passive modulation

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-21 12:44:34 UTC
From: dulmagedon@...
Topic: 11246 Message: 11246

I am as most of you know very interested in early simple forms of modulation. Almost by accident while I was playing with my old transceiver project and as I mentioned tried feeding the carbon mic bias battery, audio transformer to the screen circuit direct. It worked and pretty good too. Eventually this led to a series of small mods that gave the radio a much better voice and I restored the triode amp (1/2 a 6sn7) to the circuit and now that project is back in service. However I was intriqued by this and spent all day yesterday trying different things with the old telephone style passive amp circuit. I had read you could stack three such units of the old telephone repeaters in series for more output. I tried a pair of audio transformers, the first driven by a carbon mic , bias battery (6 volt) and hooked to a normal speaker audio transformer secondary. The primary drove a second also reverse connected through a .1 cap. I measured AC voltage with a simple analog meter as it was on the bench. True the what I had read the voltage at the second transformer was almost double what I had measured with a single transformer. Next I fired up the 45 tubed TNT and inserted the primary winding of the audio transformer into the key circuit (cathode keying) and spoke into the mic. while using a monitor rx to listen. Worked pretty good. even with one transformer only. I was surprised . I had tried the urban myth with just a carbon mic plugged in before and had discovered that doesnt work so I was surprised how much amplification comes from these simple circuits. Next I took my 5016 bare essenstials transmitter and installed it permanently. Plugging in a 3736 crystal. It seemed to work very well on the bench into a dummy load. I moved the whole deal upstairs and discoved my upstairs small carbon mic did not like the circuit much however I got the one I was using downstairs , a WW11 military hand mic (Lou and I use them for loop modulation) and it worked beautifully. I gave my XYL a Grundig crank portable tuned on freq and sent her for a short walk. "The further away I got the better it sounded" she said. Today I will be trying it on air during the day. (3736kcs) I had built a two tube AM cathode modulated rig recently. Now I realize at low power(under 250 volts key down Plate V for instance) this is all I needed and a single tube would have done well. There is a lot more to this as I spent all day trying different things and won't go into it all here. This is the jist of it. For those recording mod % and audio quality with a Spectrum analyzer monitoring every wiggle looking with glee for the slightest miss-step, this is probably not for you. For those of us curious and into fun side of the hobby it may be another fun area to explore. don

11247. UTAH info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-23 17:01:06 UTC
From: Roger Kuchera
Topic: 11247 Message: 11247

Gentlemen, I am in the process of restoring a UTAH Junior 25 Watt transmitter and have runacross a problem finding information on power supply parts. In particular, I needinfo on the following parts (about 1937/38):

1. Power transformer UTAH 2384A 2. Filter choke UTAH 4665

My unit came without a power supply chassis and I am trying to replicate theoriginal.

I would thankful for any information.

CUL, Roger/K1TG

11248. Re: [AWA Group] UTAH info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-24 21:51:07 UTC
From: Louis Vermond
Topic: 11247 Message: 11248

Hello Roger,

Do you have a photo of the power supply? If not, do you think having one would be of help to you in your re-build? Lou

----- Original Message -----
From: Roger Kuchera rwkuchera@... [AWAGroup]
To: AWAGroup
Sent: 2015-04-23 1:01 PM
Subject: [AWA Group] UTAH info needed

Gentlemen,
I am in the process of restoring a UTAH Junior 25 Watt transmitter and have run across a problem finding information on power supply parts. In particular, I need info on the following parts (about 1937/38):

1. Power transformer UTAH 2384A
2. Filter choke UTAH 4665

My unit came without a power supply chassis and I am trying to replicate the original.

I would thankful for any information.

CUL, Roger/K1TG

11249. Re: [AWA Group] UTAH info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-25 03:28:03 UTC
From: Roger Kuchera
Topic: 11247 Message: 11249
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Lou, It was good to hear from you. The power supply I got with the UTAH Jr. was a homebrew replacement. It is of no use to me because it is very under-poweredsupplying only 260 volts, no load. I have no idea what the original power specswere. Having an original would be the berries. There is a Hammond chassis thatappears close to original dimensions. The original is only 1" high. I'm guessinga transformer that supplies 750 v.c.t. would be close to original.

I have finished the RF deck but need to build a supply and re-finish thecabinet. I had everything glass bead blasted.

I have attached a JPEGs of the RF deck. Any help would be most appreciated.

Take care and stay well.

CUL, Roger/K1TG

On Friday, April 24, 2015 5:51 PM, "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv7784626677 #yiv7784626677 .yiv7784626677ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv7784626677 div.yiv7784626677ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv7784626677 div.yiv7784626677photo-title a, #yiv7784626677 div.yiv7784626677photo-title a:active, #yiv7784626677 div.yiv7784626677photo-title a:hover, #yiv7784626677 div.yiv7784626677photo-title a:visited {text-decoration:none;}#yiv7784626677 div.yiv7784626677attach-table div.yiv7784626677attach-row {clear:both;}#yiv7784626677 div.yiv7784626677attach-table div.yiv7784626677attach-row div {float:left;}#yiv7784626677 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv7784626677 div.yiv7784626677ygrp-file {width:30px;}#yiv7784626677 div.yiv7784626677attach-table div.yiv7784626677attach-row div div a {text-decoration:none;}#yiv7784626677 div.yiv7784626677attach-table div.yiv7784626677attach-row div div span {font-weight:normal;}#yiv7784626677 div.yiv7784626677ygrp-file-title {font-weight:bold;}#yiv7784626677 --> ☐

Hello Roger, Do you have a photo of the power supply? If not, do you think having one would be of help to you in your re-build? Lou

----- Original Message ----- From: Roger Kuchera rwkuchera@snet.net [AWAGroup] To: AWAGroup Sent: 2015-04-23 1:01 PM Subject: [AWA Group] UTAH info needed

Gentlemen, I am in the process of restoring a UTAH Junior 25 Watt transmitter and have run across a problem finding information on power supply parts. In particular, I need info on the following parts (about 1937/38):

1. Power transformer UTAH 2384A 2. Filter choke UTAH 4665

My unit came without a power supply chassis and I am trying to replicate the original.

I would thankful for any information.

CUL, Roger/K1TG

11250. RE: [AWA Group] UTAH info needed [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-25 13:22:13 UTC
From: Mike Feher
Topic: 11247 Message: 11250

Roger –

Many years ago I sold a mint and complete Utah Jr. to a collector in Sweden. I also sent him the original 6 pages or so of instructions including the schematic. Let me know if you would like to contact him and I will send you his email. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, April 24, 2015 11:28 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] UTAH info needed [2 Attachments]

Hi Lou,

It was good to hear from you. The power supply I got with the UTAH Jr. was a

homebrew replacement. It is of no use to me because it is very under-powered

supplying only 260 volts, no load. I have no idea what the original power specs

were. Having an original would be the berries. There is a Hammond chassis that

appears close to original dimensions. The original is only 1" high. I'm guessing

a transformer that supplies 750 v.c.t. would be close to original.

I have finished the RF deck but need to build a supply and re-finish the

cabinet. I had everything glass bead blasted.

I have attached a JPEGs of the RF deck. Any help would be most appreciated.

Take care and stay well.

CUL, Roger/K1TG

On Friday, April 24, 2015 5:51 PM, "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

☐

Hello Roger,

Do you have a photo of the power supply? If not, do you think having one would be of help to you in your re-build? Lou

----- Original Message -----

From: Roger Kuchera rwkuchera@... [AWAGroup] <mailto:rwkuchera@...%20[AWAGroup]>

To: AWAGroup <mailto:awagroup@yahoogroups.com>

Sent: 2015-04-23 1:01 PM

Subject: [AWA Group] UTAH info needed

Gentlemen,

I am in the process of restoring a UTAH Junior 25 Watt transmitter and have run

across a problem finding information on power supply parts. In particular, I need

info on the following parts (about 1937/38):

1. Power transformer UTAH 2384A

2. Filter choke UTAH 4665

My unit came without a power supply chassis and I am trying to replicate the

original.

I would thankful for any information.

CUL, Roger/K1TG

11251. Re: [AWA Group] UTAH info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-26 11:43:18 UTC
From: Larry Szendrei
Topic: 11247 Message: 11251

Also, I believe W2DGB and W1UJR are Utah Jr. owners. You may want to contact them.

73,
-Larry/NE1S

On 4/25/15 9:22 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Roger –
>
> Many years ago I sold a mint and complete Utah Jr. to a collector in
> Sweden. I also sent him the original 6 pages or so of instructions
> including the schematic. Let me know if you would like to contact him
> and I will send you his email. 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Friday, April 24, 2015 11:28 PM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* Re: [AWA Group] UTAH info needed [2 Attachments]
>
> Hi Lou,
>
> It was good to hear from you. The power supply I got with the
> UTAH Jr. was a
>
> homebrew replacement. It is of no use to me because it is very
> under-powered
>
> supplying only 260 volts, no load. I have no idea what the original
> power specs
>
> were. Having an original would be the berries. There is a Hammond
> chassis that
>
> appears close to original dimensions. The original is only 1" high.
> I'm guessing
>

> a transformer that supplies 750 v.c.t. would be close to original.
>
> I have finished the RF deck but need to build a supply and
> re-finish the
>
> cabinet. I had everything glass bead blasted.
>
> I have attached a JPEGs of the RF deck. Any help would be most
> appreciated.
>
> Take care and stay well.
>
> CUL, Roger/K1TG
>
> On Friday, April 24, 2015 5:51 PM, "Louis Vermond
> ldvermond@... <mailto:ldvermond@...> [AWAGroup]"
> <AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>> wrote:
>
> □
>
> Hello Roger,
>
> Do you have a photo of the power supply? If not, do you think having
> one would be of help to you in your re-build? Lou
>
> ----- Original Message -----
>
> *From:*Roger Kuchera rwkuchera@... [AWAGroup]
> <mailto:rwkuchera@...%20[AWAGroup]>
>
> *To:*AWAGroup <mailto:awagroup@yahoogroups.com>
>
> *Sent:*2015-04-23 1:01 PM
>
> *Subject:*[AWA Group] UTAH info needed
>
> Gentlemen,
>
> I am in the process of restoring a UTAH Junior 25 Watt transmitter
> and have run
>
> across a problem finding information on power supply parts. In
> particular, I need
>
> info on the following parts (about 1937/38):
>
> 1. Power transformer UTAH 2384A
>
> 2. Filter choke UTAH 4665

>
> My unit came without a power supply chassis and I am trying to
> replicate the
>
> original.
>
> I would thankful for any information.
>
> CUL, Roger/K1TG
>
>
>

11252. NE1S de K1TG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-26 14:59:06 UTC
From: Roger Kuchera
Topic: 11252 Message: 11252

GM Larry, I saw W1UJRs website and copied what UTAH info was there. It's been a few yearssince I last talked to Bill (W2DGB). I'll have to fire off an email and see what info he mayhave. Thanks for the scoop. Have a great day, stay well.
Roger/K1TG

11253. Re: [AWA Group] NE1S de K1TG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-26 15:10:26 UTC
From: Larry Szendrei
Topic: 11252 Message: 11253

Very good, Roger. Enjoy the day (and the transmitter!).

73,
-Larry/NE1S

On 4/26/15 10:59 AM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:
> GM Larry,
> I saw W1UJRs website and copied what UTAH info was there. It's
> been a few years
> since I last talked to Bill (W2DGB). I'll have to fire off an email
> and see what info he may
> have. Thanks for the scoop. Have a great day, stay well.
>
> Roger/K1TG
>
> ---
>

11254. FYI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-26 21:09:41 UTC
From: Louis Vermond
Topic: 3020 Message: 11254

Interesting history of SW propaganda broadcasting before and during WW2.

http://www.americanradiohistory.com/Archive-Bookshelf/War-On-The-Short-Wave.pdf

11255. Re: [AWA Group] FYI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-27 02:03:12 UTC
From: Daniel Petersen
Topic: 3020 Message: 11255

Louis. Would you please let us know if the file is a big one? That one locked up my machine and I had to hit the "kick the board" switch to regain control.
Thanks,
Dan - W7OIL

On Sun, Apr 26, 2015 at 2:09 PM, Louis Vermond ldvermond@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> Interesting history of SW propaganda broadcasting before and during WW2.
>
>
>
> http://www.americanradiohistory.com/Archive-Bookshelf/War-On-The-Short-Wave.pdf
>
>
>

--

73,
Dan - W7OIL

11256. Re: [AWA Group] FYI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-27 03:08:28 UTC
From: Steve
Topic: 3020 Message: 11256

>Louis. Would you please let us know if the file is a big one? That one locked up my machine and I had to hit the "kick the board" switch to regain control.
Thanks,
Dan - W7OIL

it's a whopper...about 38Mb

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11257. Re: [AWA Group] FYI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-27 12:04:17 UTC
From: Louis Vermond
Topic: 3020 Message: 11257

OK Dan. My set-up is everything but "fast", yet did not have a problem with a download. Doubt if I'll ever pass on a item that large again, but will keep your request in mind.

73, Lou

----- Original Message -----
From: Daniel Petersen dan.w7oil@... [AWAGroup]
To: awagroup
Sent: 2015-04-26 10:03 PM
Subject: Re: [AWA Group] FYI

Louis. Would you please let us know if the file is a big one? That one locked up my machine and I had to hit the "kick the board" switch to regain control.
Thanks,
Dan - W7OIL

On Sun, Apr 26, 2015 at 2:09 PM, Louis Vermond ldvermond@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Interesting history of SW propaganda broadcasting before and during WW2.

http://www.americanradiohistory.com/Archive-Bookshelf/War-On-The-Short-Wave.pdf

--

73,
Dan - W7OIL

11258. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-27 23:39:08 UTC
From: Louis Vermond
Topic: 130 Message: 11258

http://www.ebay.com/itm/Pair-of-Cato-Inductor-Mountings-Type-600-Cato-Coil-Co-Vintage-/191568010149?pt=LH_DefaultDomain_0&hash=item2c9a57dba5

11259. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-29 11:58:51 UTC
From: Louis Vermond
Topic: 130 Message: 11259

http://www.ebay.com/itm/Utah-Junior-25-Watt-CW-Transmitter-from-the-1930s-/201338479296?pt=LH_DefaultDomain_0&hash=item2ee0b562c0

11260. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-29 12:44:55 UTC
From: Mike Feher
Topic: 130 Message: 11260

I believe this was extremely modified, or, more than likely totally home brewed. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, April 29, 2015 7:59 AM
To: AWAGroup
Subject: [AWA Group] eBay Alert

http://www.ebay.com/itm/
<http://www.ebay.com/itm/Utah-Junior-25-Watt-CW-Transmitter-from-the-1930s-/201338479296?pt=LH_DefaultDomain_0&hash=item2ee0b562c0>
Utah-Junior-25-Watt-CW-Transmitter-from-the-1930s-/201338479296?pt=LH_DefaultDomain_0&hash=item2ee0b562c0

11261. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-29 12:52:21 UTC
From: Louis Vermond
Topic: 130 Message: 11261

Hi Mike,

Read the description, it's a modified original. Lou

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-04-29 8:44 AM
Subject: RE: [AWA Group] eBay Alert

I believe this was extremely modified, or, more than likely totally home brewed. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, April 29, 2015 7:59 AM
To: AWAGroup
Subject: [AWA Group] eBay Alert

http://www.ebay.com/itm/Utah-Junior-25-Watt-CW-Transmitter-from-the-1930s-/201338479296?pt=LH_DefaultDomain_0&hash=item2ee0b562c0

11262. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-29 12:54:49 UTC
From: Mike Feher
Topic: 130 Message: 11262

I did, and I do not believe it. That is why I said "highly modified". In reality it is probably someone's attempt to copy one. Where is the label on the front panel? Why a different meter? Why an MOPA? Why a PS with tapped resistor? I do not remember the on that I had looking like that. Close, but no cigar. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, April 29, 2015 8:52 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert

Hi Mike,

Read the description, it's a modified original. Lou

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup]
<mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2015-04-29 8:44 AM

Subject: RE: [AWA Group] eBay Alert

I believe this was extremely modified, or, more than likely totally home brewed. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, April 29, 2015 7:59 AM
To: AWAGroup
Subject: [AWA Group] eBay Alert

http://www.ebay.com/itm/
<http://www.ebay.com/itm/Utah-Junior-25-Watt-CW-Transmitter-from-the-1930s-/
201338479296?pt=LH_DefaultDomain_0&hash=item2ee0b562c0>
Utah-Junior-25-Watt-CW-Transmitter-from-the-1930s-/201338479296?pt=LH_Defaul
tDomain_0&hash=item2ee0b562c0

11263. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-29 13:28:04 UTC
From: Louis Vermond
Topic: 130 Message: 11263
Attachments: 1 described; binary payloads are missing from this source WARC

I did, and I do not believe it. That is why I said "highly modified". In reality it is probably someone's attempt to copy one. Where is the label on the front panel? Why a different meter? Why an MOPA? Why a PS with tapped resistor? I do not remember the on that I had looking like that. Close, but no cigar. 73 - Mike

On closer examination I was beginning to agree with you, Mike until I looked for and found these four holes.

11264. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-29 13:28:57 UTC
From: Mike Feher
Topic: 130 Message: 11264
Attachments: 1 described; binary payloads are missing from this source WARC

Good detective work. So, I guess it is "highly modified" then, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, April 29, 2015 9:28 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert

I did, and I do not believe it. That is why I said "highly modified". In reality it is probably someone's attempt to copy one. Where is the label on the front panel? Why a different meter? Why an MOPA? Why a PS with tapped resistor? I do not remember the on that I had looking like that. Close, but no cigar. 73 - Mike

On closer examination I was beginning to agree with you, Mike until I looked for and found these four holes.

11265. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-29 13:35:16 UTC
From: Louis Vermond
Topic: 130 Message: 11265
Attachments: 1 described; binary payloads are missing from this source WARC

Yes, and underline, "highly"... :0)

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-04-29 9:28 AM
Subject: RE: [AWA Group] eBay Alert

Good detective work. So, I guess it is "highly modified" then, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, April 29, 2015 9:28 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert

I did, and I do not believe it. That is why I said "highly modified". In reality it is probably someone's attempt to copy one. Where is the label on the front panel? Why a different meter? Why an MOPA? Why a PS with tapped resistor? I do not remember the on that I had looking like that. Close, but no cigar. 73 - Mike

On closer examination I was beginning to agree with you, Mike until I looked for and found these four holes.

11266. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-29 16:52:05 UTC
From: Niel - W0VLZ
Topic: 130 Message: 11266

This one looks like someone's project alright but there has been some interesting Utah transmitters on ebay recently. See http://www.ebay.com/dsc/Ham-Amateur-Radio-/4670/i.html?_sop=12&_dmd=1&LH_Complete=1&_from=R40|R40&LH_TitleDesc=1&_nkw=utah+transmitter&_trksid=p2045573.m570.l1313.TR0.TRC0.H0.Xutah+transmitter.TRS0&_odkw=utah+-PANASONIC&_osacat=4670

Niel

Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> Yes, and underline, "_highly_"... :0)
>
> ----- Original Message -----
> *From:* 'Mike Feher' n4fs@... [AWAGroup]
> <mailto:n4fs@...%20[AWAGroup]>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* 2015-04-29 9:28 AM
> *Subject:* RE: [AWA Group] eBay Alert
>
> Good detective work. So, I guess it is ?highly modified? then,
> HI. 73 ? Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Wednesday, April 29, 2015 9:28 AM
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Subject:* Re: [AWA Group] eBay Alert
>
> I did, and I do not believe it. That is why I said ?highly
> modified?. In reality it is probably someone?s attempt to copy
> one. Where is the label on the front panel? Why a different meter?
> Why an MOPA? Why a PS with tapped resistor? I do not remember the
> on that I had looking like that. Close, but no cigar. 73 ? Mike
>
> On closer examination I was beginning to agree with you, Mike
> until I looked for and found these four holes.
>

>

11267. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-29 17:11:48 UTC
From: Mike Feher
Topic: 130 Message: 11267

This is the same one Niel. - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, April 29, 2015 12:52 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert

This one looks like someone's project alright but there has been some
interesting Utah transmitters on ebay recently. See
http://www.ebay.com/dsc/Ham-Amateur-Radio-/4670/i.html?_sop=12
<http://www.ebay.com/dsc/Ham-Amateur-Radio-/4670/i.html?_sop=12&_dmd=1&LH_Co
mplete=1&_from=R40|R40&LH_TitleDesc=1&_nkw=utah+transmitter&_trksid=p2045573
.m570.l1313.TR0.TRC0.H0.Xutah+transmitter.TRS0&_odkw=utah+-PANASONIC&_osacat
=4670>
&_dmd=1&LH_Complete=1&_from=R40|R40&LH_TitleDesc=1&_nkw=utah+transmitter&_tr
ksid=p2045573.m570.l1313.TR0.TRC0.H0.Xutah+transmitter.TRS0&_odkw=utah+-PANA
SONIC&_osacat=4670

Niel

Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> Yes, and underline, "_highly_"... :0)
>
> ----- Original Message -----
> *From:* 'Mike Feher' n4fs@... [AWAGroup]
> <mailto:n4fs@...%20[AWAGroup]>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* 2015-04-29 9:28 AM
> *Subject:* RE: [AWA Group] eBay Alert
>
> Good detective work. So, I guess it is "highly modified" then,
> HI. 73 - Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731

>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Wednesday, April 29, 2015 9:28 AM
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Subject:* Re: [AWA Group] eBay Alert
>
> I did, and I do not believe it. That is why I said "highly
> modified". In reality it is probably someone's attempt to copy
> one. Where is the label on the front panel? Why a different meter?
> Why an MOPA? Why a PS with tapped resistor? I do not remember the
> on that I had looking like that. Close, but no cigar. 73 - Mike
>
> On closer examination I was beginning to agree with you, Mike
> until I looked for and found these four holes.
>
>

11268. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-29 20:39:28 UTC
From: Niel - W0VLZ
Topic: 130 Message: 11268

yeap, but look at the other two...three Utahs, one being the larger UAT-1 and the current one modified down to the bare steel chassis, on the block recently.(btw, take a look at http://www.radioblvd.com/1937Station.html)

Given the 30's cash crunch and relative ease of home brewing a CW transmitter I would think most built rather than buy. Given this homebrewing mindset, rebuilding a low power transmitter like to Jr into something "better" would be, unfortunately, pretty common.

Take a look at https://www.prismnet.com/~nielw/k5cf/W5GST38.htm . K5CF was my stepfather. In the late 30s he "hot rodded" his Gross CW25 with a couple of T-20s so that he could get on 10 meters. Countless SW3s were turned into preselectors.

Where's that time machine so I can go back and rescue a few of these before they fell to the Black and Decker syndrome?

73,
Niel
http://w0vlz.blogspot.com/2014/05/utah-jr-transmitter.html

'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> This is the same one Niel. ? 73 ? Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com [mailto:AWAGrou! p@yahoogroups.com]
> *Sent:* Wednesday, April 29, 2015 12:52 PM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* Re: [AWA Group] eBay Alert
>
> This one looks like someone's project alright but there has been some
> interesting Utah transmitters on ebay recently. See
> http://www.ebay.com/dsc/Ham-Amateur-Radio-/4670/i.html?_sop=12&_dmd=1&LH_Complete=1&_fro
m=R40|R40&LH_TitleDesc=1&_nkw=utah+transmitter&_trksid=p2045573.m570.l1313.TR0.TRC0.H0.Xut
ah+transmitter.TRS!
> 0&_odkw=utah+-PANASONIC&_osacat=4670
> <http://www.ebay.com/dsc/Ham-Amateur-Radio-/4670/i.html?_sop=12&_dmd=1&LH_Complete=1&_fr

om=R40%7CR40&LH_TitleDesc=1&_nkw=utah+transmitter&_trksid=p2045573.m570.l1313.TR0.TRC0.H0.
Xutah+transmitter.TRS0&_odkw=utah+-PANASONIC&_osacat=4670>
>
> Niel
>
> Louis Vermond ldvermond@... <mailto:ldvermond@...>
> [AWAGroup] wrote:
> >
> > Yes, and underline, "_highly_"... :0)
> >
> > ----- Original Message -----
> > *From:* 'Mike Feher' n4fs@... <mailto:n4fs@...> [AWAGroup]
> > <mailto:n4fs@...%20[AWAGroup]>
> > *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> <mailto:AWAGroup@yahoogroups.com>
> > *Sent:* 2015-04-29 9:28 AM
> > *Subject:* RE: [AWA Group] eBay Alert
> >
> > Good detective work. So, I guess it is ?highly modified? then,
> > HI. 73 ? Mike
> >
> > Mike B. Feher, N4FS
> >
> > 89 Arnold Blvd.
> >
> > Howell, NJ, 07731
> >
> > 732-886-5960
> >
> > *From:*AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com
> <mailto:AWAGroup@yahoogrou%21%0A%20ps.com>>
> > [mailto:AWAGroup@yahoogroups.com]
> > *Sent:* Wednesday, April 29, 2015 9:28 AM
> > *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> <mailto:AWAGroup@yahoogroups.com>
> > *Subject:* Re: [AWA Group] eBay Alert
> >
> > I did, and I do not believe it. That is why I said ?highly
> > modified?. In reality it is probably someone?s attempt to copy
> > one. Where is the label on the front panel? Why a different meter?
> > Why an MOPA? Why a PS with tapped resistor? I do not remember the
> > on that I had looking like that. Close, but no cigar. 73 ? Mike
> >
> > On closer examination I was beginning to agree with you, Mike
> > until I looked for and found these four holes.
> >
> >
> >
>
>

11269. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-04-29 20:45:03 UTC
From: Niel - W0VLZ
Topic: 130 Message: 11269

For more about the fate of Vance's CW25 see
https://www.prismnet.com/~nielw/k5cf/W5gst1940.htm

Niel - W0VLZ w0vlz@... [AWAGroup] wrote:
>
> yeap, but look at the other two...three Utahs, one being the larger
> UAT-1 and the current one modified down to the bare steel chassis, on
> the block recently.(btw, take a look at
> http://www.radioblvd.com/1937Station.html)
>
> Given the 30's cash crunch and relative ease of home brewing a CW
> transmitter I would think most built rather than buy. Given this
> homebrewing mindset, rebuilding a low power transmitter like to Jr into
> something "better" would be, unfortunately, pretty common.
>
> Take a look at https://www.prismnet.com/~nielw/k5cf/W5GST38.htm . K5CF
> was my stepfather. In the late 30s he "hot rodded" his Gross CW25 with a
> couple of T-20s so that he could get on 10 meters. Countless SW3s were
> turned into preselectors.
>
> Where's that time machine so I can go back and rescue a few of these
> before they fell to the Black and Decker syndrome?
>
> 73,
> Niel
> http://w0vlz.blogspot.com/2014/05/utah-jr-transmitter.html
>
> 'Mike Feher' n4fs@... [AWAGroup] wrote:
> >
> > This is the same one Niel. ? 73 ? Mike
> >
> > Mike B. Feher, N4FS
> >
> > 89 Arnold Blvd.
> >
> > Howell, NJ, 07731
> >
> > 732-886-5960
> >
> > *From:*AWAGroup@yahoogroups.com [mailto:AWAGrou! p@yahoogroups.com]
> > *Sent:* Wednesday, April 29, 2015 12:52 PM
> > *To:* AWAGroup@yahoogroups.com
> > *Subject:* Re: [AWA Group] eBay Alert
> >
> > This one looks like someone's project alright but there has been some

> > interesting Utah transmitters on ebay recently. See
> >
> http://www.ebay.com/dsc/Ham-Amateur-Radio-/4670/i.html?_sop=12&_dmd=1&LH_Complete=1&_fro
m=R40|R40&LH_TitleDesc=1&_nkw=utah+transmitter&_trksid=p2045573.m570.l1313.TR0.TRC0.H0.Xut
ah+transmitter.TRS!
>
> > 0&_odkw=utah+-PANASONIC&_osacat=4670
> >
> <http://www.ebay.com/dsc/Ham-Amateur-Radio-/4670/i.html?_sop=12&_dmd=1&LH_Complete=1&_fr
om=R40%7CR40&LH_TitleDesc=1&_nkw=utah+transmitter&_trksid=p2045573.m570.l1313.TR0.TRC0.H0.
Xutah+transmitter.TRS0&_odkw=utah+-PANASONIC&_osacat=4670>
> >
> > Niel
> >
> > Louis Vermond ldvermond@... <mailto:ldvermond@...>
> > [AWAGroup] wrote:
> > >
> > > Yes, and underline, "_highly_"... :0)
> > >
> > > ----- Original Message -----
> > > *From:* 'Mike Feher' n4fs@... <mailto:n4fs@...>
> [AWAGroup]
> > > <mailto:n4fs@...%20[AWAGroup]>
> > > *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> > <mailto:AWAGroup@yahoogroups.com>
> > > *Sent:* 2015-04-29 9:28 AM
> > > *Subject:* RE: [AWA Group] eBay Alert
> > >
> > > Good detective work. So, I guess it is ?highly modified? then,
> > > HI. 73 ? Mike
> > >
> > > Mike B. Feher, N4FS
> > >
> > > 89 Arnold Blvd.
> > >
> > > Howell, NJ, 07731
> > >
> > > 732-886-5960
> > >
> > > *From:*AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com
> > <mailto:AWAGroup@yahoogrou%21%0A%20ps.com>>
> > > [mailto:AWAGroup@yahoogroups.com]
> > > *Sent:* Wednesday, April 29, 2015 9:28 AM
> > > *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> > <mailto:AWAGroup@yahoogroups.com>
> > > *Subject:* Re: [AWA Group] eBay Alert
> > >
> > > I did, and I do not believe it. That is why I said ?highly
> > > modified?. In reality it is probably someone?s attempt to copy
> > > one. Where is the label on the front panel? Why a different meter?

> > > Why an MOPA? Why a PS with tapped resistor? I do not remember the
> > > on that I had looking like that. Close, but no cigar. 73 ? Mike
> > >
> > > On closer examination I was beginning to agree with you, Mike
> > > until I looked for and found these four holes.
> > >
> > >
> >
> >
>
>

11270. Back from Europe

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-01 12:08:10 UTC
From: dulmagedon@...
Topic: 11270 Message: 11270

Saw two complete No 19 set ups in the Hartenstein Museum. (Arhnem) One with the rare Canadian 813 Amplifier although the main or exciting set was not Canadian. Took pics. I took a Grundig portable and did some SWLing . Listened to part of the Mil radio surpls colllectors Sunday morning net as we sailed the Zuiderzee. Ship had a lot of QRM but found a reasonable spot to listen.
Had enough cheese for a bit. Time for some more radio!
don

11271. Re: Back from Europe

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-01 20:37:21 UTC
From: dulmagedon@...
Topic: 11270 Message: 11271
Attachments: 1 described; binary payloads are missing from this source WARC

Here is one of the displays.
don

11272. ebay Alert Ooooo mama...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-02 13:22:53 UTC
From: Louis Vermond
Topic: 11272 Message: 11272

http://www.ebay.com/itm/NIB-UNBUILT-UNASSEMBLED-AMECO-AC-1-TRANSMITTER-with-heathkit-building-tips-ham-/301616548666?

Too bad tho that the front panel screening is off.

11273. Flea market finds today

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-02 22:39:55 UTC
From: dulmagedon@...
Topic: 11273 Message: 11273

Yearly I make a trip to the Stirling Flea Market. While automotive in intention I have bought a lot of radios there.
Today I picked up a 1960s CB (LindsayC27) that has a complete 12 V or AC power supply. I would like to put the PS into service on my no 19 set. Cost was $10 and it is all there and probably works. The tubes are worth the price easily. I also picked up a heath vector scope Model 10 101. While intended for TV use I belieive I can press it into service as a monitor scope . It works and for $5 I wasn't going to leave it behind. My most expensive buy was a 1930s telephone for $25 which I can use for the carbon mic element and the receiver.
Because most dont know what they are selling. Other treasures over the years are SX66 RX, 59R Trio Com RX, Atwater Kent model 20 with tubes, King neutrodyne with tubes, just to name a few. Today there were two 1920s Westinghouse battery radios (1920s) but neither had tubes so I left them.
don

11274. Need a Pilot 391 Audio transformer

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-03 04:34:39 UTC
From: JAMES HANLON
Topic: 11274 Message: 11274

Folks,

I'm making this post on behalf of my friend John Anthes. John is a lot of things to me, my neighbor, a former colleague at Sandia National Labs, the President of our New Mexico Radio Collectors Club (NMRCC), an AWA member, and a dedicated collector of the things we hold dear.

John is restoring a Pilot AC Super Wasp, and he would very much like to find an original Number 391 Pilot Audio Transformer. It has a 3.5 to 1 ratio, and John thinks that the resistance of the primary may be around 670 ohms and the secondary 2930 ohms. He is willing to set up a swap for other parts or a surplus radio or to pay cash for it.

Can anyone help him find this transformer? Please correspond directly with John at jpanthes@... .

Thanks very much,

Jim Hanlon, W8KGI

11275. Re: [AWA Group] ebay Alert Ooooo mama...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-05 00:20:39 UTC
From: K3PID
Topic: 11272 Message: 11275

Lou, do you think this is a knock-off? Look at the lettering by the power switch and then search for images of the AC-1. There are some with that ½ offset lettering but most of the pictures show the lettering either centered on the switch or cleanly offset to the left of it. Just a thought!

Ron K3PID

From: mailto:AWAGroup@yahoogroups.com
Sent: Saturday, May 02, 2015 8:22 AM
To: AWAGroup
Subject: [AWA Group] ebay Alert Ooooo mama...

http://www.ebay.com/itm/NIB-UNBUILT-UNASSEMBLED-AMECO-AC-1-TRANSMITTER-with-heathkit-building-tips-ham-/301616548666?

Too bad tho that the front panel screening is off.

11276. On air Recording

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-05 00:31:13 UTC
From: dulmagedon@...
Topic: 11276 Message: 11276

Thanks to Jeff, W2NBC there is a recording of the no 19 tank radio. He wasn't fired up on his transmitter at the time but recorded this and made it available. I appreciate it as I always do when someone goes the extra mile.
https://dl.dropboxusercontent.com/u/17340243/VE3LYX%20-40-Meters-6%20Watts.mp3
https://dl.dropboxusercontent.com/u/17340243/VE3LYX%20-40-Meters-6%20Watts.mp3
He is a NJ boy . I was just there(Newark) two weeks ago Wednesday.
don

11277. Re: [AWA Group] ebay Alert Ooooo mama...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-05 01:16:50 UTC
From: Louis Vermond
Topic: 11272 Message: 11277
Attachments: 2 described; binary payloads are missing from this source WARC

Lou, do you think this is a knock-off? Look at the lettering by the power switch and then search for images of the AC-1. There are some with that ½ offset lettering but most of the pictures show the lettering either centered on the switch or cleanly offset to the left of it. Just a thought! Ron K3PID

Hi Ron,

It's the real deal all right. As to the screening, I've looked at many of the photos on the AC-1 Group site and while there a few with the screening "sort of" centered, most were here, there and everywhere. The one offered on eBay now is just a bit worse then most. ...Still...still

Lou

11278. Re: [AWA Group] On air Recording

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-05 01:19:32 UTC
From: Louis Vermond
Topic: 11276 Message: 11278

Wonderful!

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-05-04 8:31 PM
Subject: [AWA Group] On air Recording

Thanks to Jeff, W2NBC there is a recording of the no 19 tank radio. He wasn't fired up on his transmitter at the time but recorded this and made it available. I appreciate it as I always do when someone goes the extra mile.
https://dl.dropboxusercontent.com/u/17340243/VE3LYX%20-40-Meters-6%20Watts.mp3
He is a NJ boy . I was just there(Newark) two weeks ago Wednesday.
don

11279. Re: [AWA Group] On air Recording

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-05 11:45:56 UTC
From: Larry Szendrei
Topic: 11276 Message: 11279

Sorry I missed your CQ, Don! I'm pretty sure I would have heard you
here, if you were being received at Jeff's in NJ.

Don't tell anyone, but Newark was my birthplace ;-)

73,
-Larry/NE1S

On 5/4/15 8:31 PM, dulmagedon@... [AWAGroup] wrote:
>
> Thanks to Jeff, W2NBC there is a recording of the no 19 tank radio. He
> wasn't fired up on his transmitter at the time but recorded this and
> made it available. I appreciate it as I always do when someone goes
> the extra mile.
> https://dl.dropboxusercontent.com/u/17340243/VE3LYX%20-40-Meters-6%20Watts.mp3
> He is a NJ boy . I was just there(Newark) two weeks ago Wednesday.
> don
>
> _,___

11280. RE: [AWA Group] On air Recording

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-05 11:58:42 UTC
From: Mike Feher
Topic: 11276 Message: 11280

I am sure you are glad you do not live there any more Larry, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, May 05, 2015 7:46 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] On air Recording

Sorry I missed your CQ, Don! I'm pretty sure I would have heard you here, if you were being received at Jeff's in NJ.

Don't tell anyone, but Newark was my birthplace ;-)

73,
-Larry/NE1S

On 5/4/15 8:31 PM, dulmagedon@... [AWAGroup] wrote:

Thanks to Jeff, W2NBC there is a recording of the no 19 tank radio. He wasn't fired up on his transmitter at the time but recorded this and made it available. I appreciate it as I always do when someone goes the extra mile.
https://dl.dropboxusercontent.com/u/17340243/VE3LYX%20-40-Meters-6%20Watts.mp3
He is a NJ boy . I was just there(Newark) two weeks ago Wednesday.
don

–'–––

11281. RE: [AWA Group] On air Recording

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-05 12:07:28 UTC
From: dulmagedon@...
Topic: 11276 Message: 11281

Actually my wife and I are giving NJ extra points. We were on our way to Amsterdam and the tour had a "deal" on flights ($299 return .Can funds) We flew from TO to Newark on a Bombadier puddle jumper and had 4 hours stop over. During that time we got hungry and the XYL went to buy some food where she could use her Bank card because we had only Euros not US funds). She got her food and it wouldnt work with the Canadian Card. We carry a Chase Manhatten MC card as well but before she could even think about that the fellow behind her paid the bill and told her to pass it on to someone else when we got the chance. Now Jeff does this for me. Must be some nice folks there I am thinking.
don

11282. Re: [AWA Group] On air Recording

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-05 13:02:17 UTC
From: Larry Szendrei
Topic: 11276 Message: 11282

On 5/5/15 7:58 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> I am sure you are glad you do not live there any more Larry, HI. 73 –
> Mike
>
>
Well, certainly not Newark, but my folks lived in S. Orange and my grandparents lived in Chatham. I have very fond memories of NJ, and there are still very nice parts of the state. I imagine you live in one of them. I think NJ gets an undeserved "bad rap," overall. When my kids were young we took them down to the Jersey shore, from Maine, a couple of times for vacation. We moved away when I was 5 or 6, but my grandparents lived there until I started high school.

73,
-Larry/NE1S

11283. RE: [AWA Group] On air Recording

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-05 13:14:23 UTC
From: Mike Feher
Topic: 11276 Message: 11283

Yes, Jersey does get a bad reputation, mainly because of places like Camden, Trenton, and Newark. Fortunately I do live out in the country and it is real nice here as it is in most of NJ. But, how often do newspapers print good news? 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, May 05, 2015 9:02 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] On air Recording

On 5/5/15 7:58 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

I am sure you are glad you do not live there any more Larry, HI. 73 – Mike

Well, certainly not Newark, but my folks lived in S. Orange and my grandparents lived in Chatham. I have very fond memories of NJ, and there are still very nice parts of the state. I imagine you live in one of them. I think NJ gets an undeserved "bad rap," overall. When my kids were young we took them down to the Jersey shore, from Maine, a couple of times for vacation. We moved away when I was 5 or 6, but my grandparents lived there until I started high school.

73,
-Larry/NE1S

11284. BK Results?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-05 13:54:38 UTC
From: N1BUG
Topic: 11284 Message: 11284

Hanging my head in shame because I have to ask (not being a current member of AWA)...

I presume results of the BK are out. I'm wondering if scores were up or down compared to recent years. Conditions seemed horrible, yet there were plenty of stations to work which leads me to conclude there were more stations active. What's the word?

By the way I got so consumed with other things it took a while to realize I wasn't seeing group posts any more. For some reason Yahoo had stopped sending them to my email, yet it said my address had not been bouncing. Anyway, I got that sorted out!

Paul
Bugsy
(or whoever I am today) :-)

11285. Re: [AWA Group] BK Results?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-05 14:28:31 UTC
From: Louis Vermond
Topic: 11284 Message: 11285

GM Bugsy,

I've been wondering as well. Perhaps someone could scan the OTB results article and post here? 73, Lou

----- Original Message -----
From: N1BUG paul@... [AWAGroup]
To: AWAGroup
Sent: 2015-05-05 9:54 AM
Subject: [AWA Group] BK Results?

Hanging my head in shame because I have to ask (not being a current member of AWA)...

I presume results of the BK are out. I'm wondering if scores were up or down compared to recent years. Conditions seemed horrible, yet there were plenty of stations to work which leads me to conclude there were more stations active. What's the word?

By the way I got so consumed with other things it took a while to realize I wasn't seeing group posts any more. For some reason Yahoo had stopped sending them to my email, yet it said my address had not been bouncing. Anyway, I got that sorted out!

Paul
Bugsy
(or whoever I am today) :-)

11286. Re: [AWA Group] BK Results?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-05 14:52:31 UTC
From: Whitebear
Topic: 11284 Message: 11286

You must have missed the announcement that you won. Seriously. I asked Tim Walker for the ok to post the list. He said to wait until they are up on the website. I'll have to check. Maybe they are up there now. 73 Scott WA 9 WFA

Sent from my iPhone

> On May 5, 2015, at 9:28 AM, "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:
>
> □
>
> GM Bugsy,
>
> I've been wondering as well. Perhaps someone could scan the OTB results article and post here? 73, Lou
>
>
>
> ----- Original Message -----
> From: N1BUG paul@... [AWAGroup]
> To: AWAGroup
> Sent: 2015-05-05 9:54 AM
> Subject: [AWA Group] BK Results?
>
> Hanging my head in shame because I have to ask (not being a current member of AWA)...
>
> I presume results of the BK are out. I'm wondering if scores were up or down compared to recent years. Conditions seemed horrible, yet there were plenty of stations to work which leads me to conclude there were more stations active. What's the word?
>
> By the way I got so consumed with other things it took a while to realize I wasn't seeing group posts any more. For some reason Yahoo had stopped sending them to my email, yet it said my address had not been bouncing. Anyway, I got that sorted out!
>
> Paul
> Bugsy
> (or whoever I am today) :-)
>
>
>
>

11287. Re: [AWA Group] BK Results?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-05 15:13:12 UTC
From: Niel - W0VLZ
Topic: 11284 Message: 11287

Scott was serious! See http://www.antiquewireless.org/awa-on-the-air.html .

Congrats Paul.

73,
Niel - W0VLZ

Whitebear whitebear1122@... [AWAGroup] wrote:
> You must have missed the announcement that you won. Seriously. I
> asked Tim Walker for the ok to post the list. He said to wait until
> they are up on the website. I'll have to check. Maybe they are up
> there now. 73 Scott WA 9 WFA
>
> Sent from my iPhone
>
> On May 5, 2015, at 9:28 AM, "Louis Vermond ldvermond@...
> <mailto:ldvermond@...> [AWAGroup]" <AWAGroup@yahoogroups.com
> <mailto:AWAGroup@yahoogroups.com>> wrote:
>
>> □
>> GM Bugsy,
>> I've been wondering as well. Perhaps someone could scan the OTB
>> results article and post here? 73, Lou
>>
>> ----- Original Message -----
>> *From:* N1BUG paul@... [AWAGroup]
>> <mailto:paul@...%20[AWAGroup]>
>> *To:* AWAGroup <mailto:AWAGroup@yahoogroups.com>
>> *Sent:* 2015-05-05 9:54 AM
>> *Subject:* [AWA Group] BK Results?
>>
>> Hanging my head in shame because I have to ask (not being a
>> current member of AWA)...
>>
>> I presume results of the BK are out. I'm wondering if scores were
>> up or down compared to recent years. Conditions seemed horrible,
>> yet there were plenty of stations to work which leads me to
>> conclude there were more stations active. What's the word?
>>
>> By the way I got so consumed with other things it took a while to
>> realize I wasn't seeing group posts any more. For some reason
>> Yahoo had stopped sending them to my email, yet it said my
>> address had not been bouncing. Anyway, I got that sorted out!
>>
>> Paul

>> Bugsy
>> (or whoever I am today) :-)
>>
>

11288. Re: [AWA Group] BK Results?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-05 15:20:04 UTC
From: N1BUG
Topic: 11284 Message: 11288

Oops! I knew the web site had been completely overhauled and is looking great but didn't know results of on-air events were going to be posted there. I looked a few days ago but it must have been just before they were posted.

Thanks Lou, Scott, and Niel...

73,
Paul
Bugsy
...back to cutting bushes and digging out stumps the old fashioned way. Thers is a very curious groundhog keeping an eye on my activities :-)

On 05/05/2015 11:13 AM, Niel - W0VLZ w0vlz@... [AWAGroup] wrote:

Scott was serious! See http://www.antiquewireless.org/awa-on-the-air.html .

Congrats Paul.

73,
Niel - W0VLZ

Whitebear whitebear1122@... [AWAGroup] wrote:

You must have missed the announcement that you won. Seriously. I
asked Tim Walker for the ok to post the list. He said to wait until
they are up on the website. I'll have to check. Maybe they are up
there now. 73 Scott WA 9 WFA

Sent from my iPhone

On May 5, 2015, at 9:28 AM, "Louis Vermond ldvermond@...
[AWAGroup]" <AWAGroup@yahoogroups.com
> wrote:

☐
GM Bugsy,
I've been wondering as well. Perhaps someone could scan the OTB
results article and post here? 73, Lou

----- Original Message -----
From: N1BUG paul@... [AWAGroup]

To: AWAGroup
Sent: 2015-05-05 9:54 AM
Subject: [AWA Group] BK Results?

Hanging my head in shame because I have to ask (not being a
current member of AWA)...

I presume results of the BK are out. I'm wondering if scores were up or down compared to recent years. Conditions seemed horrible, yet there were plenty of stations to work which leads me to conclude there were more stations active. What's the word?

By the way I got so consumed with other things it took a while to realize I wasn't seeing group posts any more. For some reason Yahoo had stopped sending them to my email, yet it said my address had not been bouncing. Anyway, I got that sorted out!

Paul
Bugsy
(or whoever I am today) :-)

Posted by: Niel - W0VLZ

Yahoo Groups Links

<*> To visit your group on the web, go to:
http://groups.yahoo.com/group/AWAGroup/

<*> Your email settings:
Individual Email | Traditional

<*> To change settings online go to:
http://groups.yahoo.com/group/AWAGroup/join
(Yahoo! ID required)

<*> To change settings via email:
AWAGroup-digest@yahoogroups.com
AWAGroup-fullfeatured@yahoogroups.com

<*> To unsubscribe from this group, send an email to:
AWAGroup-unsubscribe@yahoogroups.com

<*> Your use of Yahoo Groups is subject to:
https://info.yahoo.com/legal/us/yahoo/utos/terms/

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

11289. Fw: [AWA Group] BK Results?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-05 15:27:16 UTC
From: Louis Vermond
Topic: 11289 Message: 11289
Attachments: 1 described; binary payloads are missing from this source WARC

Congrats to all!

11290. Re: [AWA Group] BK Results?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-06 11:31:22 UTC
From: dulmagedon@...
Topic: 11284 Message: 11290

As I recall it is a well deserved win. Everywhere I went "BUG" was there pounding brass and answering who he could reach fighting through the QRM and QRN. He was relentless. Hats off to him. I was just thinking monday I hadn't seen much from him recently.
don

11291. U.S. Vendors for capacitors

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-07 19:22:38 UTC
From: Robert S Jenkins
Topic: 130 Message: 11291

What vendors do you use?

I have used tubedepot.com and tubesandmore.com. I know there are some that cater specifically to antique radio repair,
But can not remember the names. Please help me out.

Thank you,

Robert S Jenkins
KG4KGL

> On Apr 29, 2015, at 07:58, Louis Vermond ldvermond@sympatico.ca [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> http://www.ebay.com/itm/Utah-Junior-25-Watt-CW-Transmitter-from-the-1930s-/201338479296?pt=LH_DefaultDomain_0&hash=item2ee0b562c0
>

11292. Re: [AWA Group] U.S. Vendors for capacitors

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-08 10:41:42 UTC
From: Larry Szendrei
Topic: 130 Message: 11292

On 5/7/15 3:22 PM, Robert S Jenkins qrp@... [AWAGroup] wrote:
> What vendors do you use?
>
> I have used tubedepot.com <http://tubedepot.com> and tubesandmore.com
> <http://tubesandmore.com>. I know there are some that cater
> specifically to antique radio repair,
> But can not remember the names. Please help me out.
>
> Thank you,
>
> Robert S Jenkins
> KG4KGL
> .
>
>

I have not done business with most of these, but they appear to be good sources:

http://oldradioparts.net

www.wjoe.com

www.justradios.com

www.oldradioparts.net

www.radiodaze.com

No connection with any of the above, etc., etc...

73,
-Larry/NE1S

11293. Re: U. S. Vendors for capacitors

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-08 16:05:00 UTC
From: JAMES HANLON
Topic: 11293 Message: 11293

Robert,

For capacitors and also for a wide range of modern components I often use www.mouser.com . They do indeed offer a whole lot of stuff, their paper catalog has 2190 pages, and they have no minimum order. Their prices are quite competitive.

Jim Hanlon, W8KGI

11294. Re: [AWA Group] Re: U. S. Vendors for capacitors

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-08 19:29:52 UTC
From: Robert S Jenkins
Topic: 11293 Message: 11294

Thanks Larry and Jim.

Radio daze was the site I could not remember. Their shipping is very reasonable and good prices on product. I will look at mouser and compare prices.

Robert S Jenkins
KG4KGL

> On May 8, 2015, at 12:05, JAMES HANLON knjhanlon@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> Robert,
>
> For capacitors and also for a wide range of modern components I often use www.mouser.com . They do indeed offer a whole lot of stuff, their paper catalog has 2190 pages, and they have no minimum order. Their prices are quite competitive.
>
> Jim Hanlon, W8KGI
>

11295. Re: [AWA Group] Re: U. S. Vendors for capacitors

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-08 20:09:16 UTC
From: N1BUG
Topic: 11293 Message: 11295

If you're looking for modern capacitors, I get most of my parts from Mouser. Occasionally they don't have what I need or I don't like the price and I end up going to Digi-Key, Allied Electronics, or Newark.

http://www.mouser.com/

http://www.digikey.com/

http://alliedelec.com/

http://www.newark.com/

73,
Paul N1BUG

11296. Re: [AWA Group] BK Results?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-09 09:20:52 UTC
From: N1BUG
Topic: 11284 Message: 11296

Don, thanks for the kind words. Yes I was relentless. I didn't really intend to be, but competing is in my blood and it just takes over when I get into an event like that. I'm glad I got the chance to work you during the QSO party.

I would like to get another old time radio build done soon but I have so many other interests competing for time. I just finished doing a ham radio licensing class (it was fun but took a lot more time than I expected), I've got major repeater maintenance to do, I've been building out a computer network (LAN) spanning three locations with long range (6 mile) point to point WiFi links (partly ham related), I'm planning a major rebuild of my antenna farm, putting siding on my house, digging out stumps in a part of the antenna farm I cleared five years ago (a never ending process), etc. It will come up though. I'm thinking next winter I should finally get the '29 receiver built and if I'm very ambitious maybe that second stage of the transmitter. I may have to ask around for a part or two.

73,
Paul

On 05/06/2015 07:31 AM, dulmagedon@... [AWAGroup] wrote:

As I recall it is a well deserved win. Everywhere I went "BUG" was there pounding brass and answering who he could reach fighting through the QRM and QRN. He was relentless. Hats off to him. I was just thinking monday I hadn't seen much from him recently.
don

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

11297. Re: [AWA Group] BK Results?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-09 12:01:50 UTC
From: dulmagedon@...
Topic: 11284 Message: 11297

It was fun for me too although I am more curious then competitive. I have become addicted to various simpler forms of AM. Wish I didn't live so far from others with similar or ANY AM equipment. Anyway keep up the good work. You have certainly captured the spirit of the era. I felt like I should dig out my old wire rimmed glasses just to work you. Suddenly it was 1929 it seemed. I have one more antenna wish here. A 160M long wire for my upstairs shack. Never been thrilled with my inverted 40 80 vee although it does function. After installing the long wire downstairs I have realized for this particular QTH it is the best by far antenna system I have ever had here so I would like one upstairs as well but east west rather then north south. I recently finished a beverage of sorts for upstairs (studio A)and it is working fairly well so I guess it is time to get the ladder out and git to it while I still can.
don i

11298. Time left:1 day 8 hours Monday, 6:18PM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-10 13:43:14 UTC
From: Louis Vermond
Topic: 11298 Message: 11298

http://www.ebay.com/itm/NIB-UNBUILT-UNASSEMBLED-AMECO-AC-1-TRANSMITTER-with-heathkit-building-tips-ham-/301616548666?

Current bid:US $447.00

Any guesses as to the winning bid?

11299. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-10 13:50:33 UTC
From: Louis Vermond
Topic: 130 Message: 11299

http://www.ebay.com/itm/VINTAGE-1920s-MARCONI-ERA-WESTERN-ELECTRIC-BAKELITE-HEADPHONES-TESTED-WORKS-/371313538061?pt=LH_DefaultDomain_0&hash=item567402f40d

11300. 01A/171A AM Transmitter.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-11 20:29:07 UTC
From: dulmagedon@...
Topic: 11300 Message: 11300

I finished the AM transmitter today and gave it a few trys although today's conditions on 40m are terrible here. Never heard a single signal anywhere on the band which is very unusual. The transmitter is a 171A Hartley osc but its cathode or B neg voltage is controlled by a 01A in series with the feed. The 01A is controlled by a carbon mic , battery and a suitable audio transformer. It is not a big power rig but it seems to work quite well. Took a little fooling to get it to this point. It worked from the git go but modulation wasn't what I wanted at first. I also tried a 45 tube and it works but my Power Supply favours the 171A in the application better. It might reach out but it needs to be a good prop quiet day however it works so that is fine by me. I am parked on 7290kcs
don

11301. Re: 01A/171A AM Transmitter.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-12 20:49:45 UTC
From: dulmagedon@...
Topic: 11300 Message: 11301

I finished adding an audio stage to the one tube regen. It is now two tubes. Currently 01As. It works. So I took the bare essentials tx downstairs and gave it some much needed maintenance. I also gave it its voice using a telephone electromechanical amp to modulate the cathode.It was an accidental discovery. Might not be wonderful but it does work. I also tested the output of the BE rig now that it sports a 50c6 instead of its original 50L6. I was surprised to see it is slightly higher then the No 19 set. I would like to do another but with a VFO circuit and a tube speech amp. I have three 25l6s. Might be fun. Or to keep it 1930s I could use 6l6s. I am running out of projects. All that is left is a clone I built of the simplified T1154 circuit. I need to finish the modulator circuits. Those British Military schematics give me headaches. VFO and PA are up and running on it already. Wish the bands were in better shape!
don

11302. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-13 22:51:35 UTC
From: Louis Vermond
Topic: 130 Message: 11302

Nice condx....

http://www.ebay.ca/itm/HEATHKIT-AC-1-ANTENNA-TUNER-Antique-collectors-receiver-ham-amateur-AT-1-DX-20-/301620187662?pt=LH_DefaultDomain_0&hash=item4639f6d20e

11303. Radio Broadcast Rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-13 23:50:52 UTC
From: Louis Vermond
Topic: 11303 Message: 11303
Attachments: 2 described; binary payloads are missing from this source WARC

Thought the Group might find this recent correspondence between Larry and me of interest.

73, Lou

At the bottom of this is a portion of the four page article mentioning the early development of Hi-C tanks. Part of the TNT's history that I have never come upon in any ARRL publication.

Circut form: Radio Broadcast magazine, January, 1926

Tube: 201A or 112
For interest sake, note 1926 Hi-C tank.

What is this circuit called?

Well, I would call it "Hokey" or "Rube Goldberg" or, at best, "Inelegant." [The article though is none of these. There is a lot of meat for anyone wishing to acquire a "feel" for ham radio of that period.]

It's a Hartley, but there is an unnecessary 2nd tank coli (the one on the left) in parallel with the main one (the one on the right) which seems to be there only for the purpose of coupling to the antenna. One could more easily link-couple the antenna to the main coil on the right, and totally eliminate the coil on the left, in which you'll recognize the circuit as a Hartley with the ground reference at the grid. (The ground reference is usually chosen at the cathode/filament, but could also be at the grid or plate). Of course, if you were to eliminate L in this way you would have to increase the inductance of Lp/Lg to be equal to the inductance of the original parallel combination of Lp/Lg and "L." If it were me, I'd just build a conventional Hartley with the filament at B-/ground. Much easier to manage. If you connect the plate directly to one side of the tank coil and break the DC circuit between the grid and the grid side of the tank coil with a capacitor (~0.002 - 0.005 mica) you can feed the B+ at the tap, and you won't need an RF plate choke. See, for example, George Grammer's Hartley for 160M published in 1932 QST (I forget the month).

Why the filament chokes? (It's a battery operated rig.)

Because since they chose to ground the grid for RF, there's now RF on the filament, which needs to be isolated from A+/B-/ground, or the circuit won't oscillate. That's why it's usually more convenient to select the cathode/filament as the ground point.

What does the .01 across B+ & B- do for you?

It's an RF bypass so that the B+ side of the tank coil is at RF ground, i.e., so that maximum RF voltage can be developed across the tank coil, and so that no RF appears across the B supply (unlikely that it would, anyway, since the B supply should present a low impedance to RF, but it's good practice).

73, -Larry/NE1S

If you wish to have the full article, please write to me directly.

11304. Re: [AWA Group] Radio Broadcast Rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-14 01:27:16 UTC
From: Michael Bittner
Topic: 11303 Message: 11304
Attachments: 3 described; binary payloads are missing from this source WARC

I re-drew it this way:

I would move the .04 cap over between the plate and var cap, and continue the B-/A+ line over to ground.

What was the reason for the reluctance to ground the B- line as we see in so many of these early transmitter and receiver circuits?

Mike, W6MAB

-

-

----- Original Message -----
From: Louis Vermond ldvermond@... [AWAGroup]
To: AWAGroup
Cc: Fred Rice WA3KIO ; Harry MacLean
Sent: Wednesday, May 13, 2015 4:50 PM
Subject: [AWA Group] Radio Broadcast Rig

Thought the Group might find this recent correspondence between Larry and me of interest.

73, Lou

At the bottom of this is a portion of the four page article mentioning the early development of Hi-C tanks. Part of the TNT's history that I have never come upon in any ARRL publication.

Circut form: Radio Broadcast magazine, January, 1926

Tube: 201A or 112
For interest sake, note 1926 Hi-C tank.

What is this circuit called?

Well, I would call it "Hokey" or "Rube Goldberg" or, at best, "Inelegant." [The article though is none of these. There is a lot of meat for anyone wishing to acquire a "feel" for ham radio of that period.]

It's a Hartley, but there is an unnecessary 2nd tank coli (the one on the left) in parallel with the main one (the one on the right) which seems to be there only for the purpose of coupling to the antenna. One could more easily link-couple the antenna to the main coil on the right, and totally eliminate the coil on the left, in which you'll recognize the circuit as a Hartley with the ground reference at the grid. (The ground reference is usually chosen at the cathode/filament, but could also be at the grid or plate). Of course,

if you were to eliminate L in this way you would have to increase the inductance of Lp/Lg to be equal to the inductance of the original parallel combination of Lp/Lg and "L." If it were me, I'd just build a conventional Hartley with the filament at B-/ground. Much easier to manage. If you connect the plate directly to one side of the tank coil and break the DC circuit between the grid and the grid side of the tank coil with a capacitor (~0.002 - 0.005 mica) you can feed the B+ at the tap, and you won't need an RF plate choke. See, for example, George Grammer's Hartley for 160M published in 1932 QST (I forget the month).

Why the filament chokes? (It's a battery operated rig.)

Because since they chose to ground the grid for RF, there's now RF on the filament, which needs to be isolated from A+/B-/ground, or the circuit won't oscillate. That's why it's usually more convenient to select the cathode/filament as the ground point.

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It's an RF bypass so that the B+ side of the tank coil is at RF ground, i.e., so that maximum RF voltage can be developed across the tank coil, and so that no RF appears across the B supply (unlikely that it would, anyway, since the B supply should present a low impedance to RF, but it's good practice).

73, -Larry/NE1S

If you wish to have the full article, please write to me directly.

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

11305. Re: 01A/171A AM Transmitter.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-14 02:13:28 UTC
From: dulmagedon@...
Topic: 11300 Message: 11305

Rather then A+ B- I split fed (10ohm resistors Y) my Cathode feed into both heater feeds on my AM Hartley I just finished.I reasoned rightly or wrongly it was a bit better way to do it. My TNT is done that way and it does a great job. When working with directly heated tubes sometimes you have to dance a bit to get it to do what you wish. My Hartley on this AM only rig is a conventional cathode centre tap, top grid GL, bottom B-ground.
don

11306. Re: [AWA Group] Radio Broadcast Rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-14 10:51:49 UTC
From: Larry Szendrei
Topic: 11303 Message: 11306
Attachments: 1 described; binary payloads are missing from this source WARC

Comments below...

-NE1S

On 5/13/15 9:27 PM, 'Michael Bittner' mmab@... [AWAGroup] wrote:
>
> I re-drew it this way:
>
> I would move the .04 cap over between the plate and var cap, and
> continue the B-/A+ line over to ground.
>
Yep, that would be much better. That puts both rotor and stator of the
variable at DC ground, which is safer, plus the plate spacing on the
variable can be less, as it now only handles the RF voltage, whereas
originally it needed to deal with the sum of the RF + DC supply voltage.
>
> What was the reason for the reluctance to ground the B- line as we see
> in so many of these early transmitter and receiver circuits?
>
>
I never noticed - I always assumed B- was grounded, regardless. AFAIK
there's no reason not to ground the B-. Maybe they omitted it because
they make the same assumption, and, as it would be common practice
(again, an assumption on my part), just forgot to draw it on the schematic?

11307. Re: [AWA Group] Radio Broadcast Rig

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-14 13:43:24 UTC
From: Garey Barrell
Topic: 11303 Message: 11307

Michael -

My understanding of the electrical code is that the Neutral wire should never be connected to
ground other than at the entrance panel.

A 'chassis' connection is no problem, until you connect an external antenna to it!

??

73, Garey - K4OAH
Rome, GA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Larry Szendrei ne1s@... [AWAGroup] wrote:
>
>
> Comments below...
>
> -NE1S
>
> On 5/13/15 9:27 PM, 'Michael Bittner' mmab@... [AWAGroup] wrote:
>>
>> I re-drew it this way:
>>
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>>
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> which is safer, plus the plate spacing on the variable can be less, as it now only handles the
> RF voltage, whereas originally it needed to deal with the sum of the RF + DC supply voltage.
>>
>> What was the reason for the reluctance to ground the B- line as we see in so many of these
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>>
>>
> I never noticed - I always assumed B- was grounded, regardless. AFAIK there's no reason not to

> ground the B-. Maybe they omitted it because they make the same assumption, and, as it would
> be common practice (again, an assumption on my part), just forgot to draw it on the schematic?
>
>

11308. K1TG es his Utah Jr. project

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-14 23:11:46 UTC
From: Louis Vermond
Topic: 11308 Message: 11308
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Lou,
Here are a couple of pix of my effort to emulate an older type cap box. The box material is an old shirt cardboard. I added one pix of the cap mounted on my UTAH power supply (non-original).

I didn't have a decent pix of the original boxed capacitor, so I just cut it too fit the Sprague Atom that I wanted to use (20 uF @ 600 V.). I used 2-part Epoxy to stick the cap to the box and Elmer's for the box flaps.

As for the chassis, it is not an original but the closest thing that Hammond had to offer in a steel chassis. The original dimensions were 11x6.5x1". The one I used is Hammond part 1441-15BK3. It measures 10x6x1". I guess trying to squeeze a transformer on the chassis under the RF chassis shelf required a bit of smoke and mirrors. BTW: The new chassis is short in width for the sheet metal screws they used to tie the chassis to the cabinet. The two switches can be used to hold it in place.

I made a series of improvements; solid-state rectifiers, regulated screen voltage, fuse and 3-wire AC cord. Overall, it should be more efficient and not generate as much heat as a vacuum tube rectifier. I forgot to mention that I included a switch on the rear apron to set the screen voltage either hi (200 V.) or lo (100 V.), the lower voltage can be used for tuning up.

I gave the supply a no-load smoke & flame test yesterday and it passed with flying colors. The B plus came out at 440 volts but under load will have to wait.

The most difficult part of the restoration has to be done. The crackle finish paint job.

I have heard that the original Jr.'s had a weakness in the power supply area. I've heard from several guys that they or some previous owner had to replace the transformer. I have a feeling UTAH went shy on the filter cap.

CUL, Roger/K1TG

11309. RE: [AWA Group] K1TG es his Utah Jr. project

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-15 01:58:53 UTC
From: Mike Feher
Topic: 11308 Message: 11309
Attachments: 2 described; binary payloads are missing from this source WARC

Nice work Roger. – 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, May 14, 2015 7:12 PM
To: AWAGroup
Subject: [AWA Group] K1TG es his Utah Jr. project

□

Hi Lou,

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voltage, fuse and 3-wire AC cord. Overall, it should be more efficient and not

generate as much heat as a vacuum tube rectifier. I forgot to mention that I

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or lo (100 V.), the lower voltage can be used for tuning up.

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CUL, Roger/K1TG

11310. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-15 14:34:52 UTC
From: Louis Vermond
Topic: 130 Message: 11310

Tks, Niel...

I have two of these dials. One has a 0-180 scale over 180 degrees. The other one (shown in photos) has a 0-200 scale over 360 degrees

http://www.ebay.com/itm/NATIONAL-TYPE-A-VELVET-VERNIER-4-DIAMETER-DIAL-WITH-5-1-RATIO-FREE-DEL-/151678371133?pt=LH_DefaultDomain_0&hash=item2350bc453d

11311. Bare Essentials gets its voice

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-15 19:36:03 UTC
From: dulmagedon@...
Topic: 11311 Message: 11311

I was working on two of my other simple transmitters and tried something with a carbon mic , battery and audio transformer. Much to my surprise I could make it modulate with just the mic and electromechanical amplifier. So after finishing the AM Hartley and the reworking of the transceiver project screen modulator I took the Bare essential rig downstars and installed the electro mechancial amp in the cathode circuit. It worked but needed some rubbing. Today I worked on it some more and while not perfect it has stepped up a couple of notches and is doing the job. I haven't had a on air QSo yet and conditions are not great for Low power 80m rigs at the moment but I am trying it when time permits on 3665 kc. It tune a but low closer to 3664kcs but in monitor rxs even some distance away appears to be working. The BE rig is a simple crystal controlled 50C6 transmitter with a transformerless supply. I am hoping this proves practical. An old electromechancial telephone repeater would be even better but they are pretty scarce these days. Anyway like all experiments in ancient technology it has been most interesting.
don

11312. Meter trade or buy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-15 23:52:42 UTC
From: Louis Vermond
Topic: 11312 Message: 11312
Attachments: 2 described; binary payloads are missing from this source WARC

I am gathering the final needed parts for the next project.

I am looking for a Weston RF meter:

Model #425
Range, 0-1Amp
Metal case
Face dia., 2 1/4"
Flush mount

I consider any condition worth discussing as long it has been proven to be working.

Like this, but the RF mtr. version, Model 425.

Will buy or trade for this 1920s Jewell RF meter below in very good condition, 100% working order.

Thank you.

73, Lou
VE3AWA
Ldvermond@sympatico.ca

There is minor paint chipping along the flange edge. There are mounting screw head scratches around the mounting holes.
The photo does not show that the scale face is "fresh" with the early production crystalline silver surface.
Total face dia., 2 3/4"

11313. FYI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-16 16:26:25 UTC
From: Louis Vermond
Topic: 3020 Message: 11313

http://cdn.ka6wke.net/AmateurRadio/National/NationalCompany/National_Radio_Products_1947.pdf

11314. Parts needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-16 18:02:58 UTC
From: Roger Kuchera
Topic: 11314 Message: 11314

Gentlemen, I am on a quest for two (2) Hammarlund Ceramic (Isolantite) coil forms. I need the five (5) pinvariety. I believe the Hammarlund part number is CF-5. I would prefer they have the woodenpull handles but that is not essential. Used or unused is fine, as long as they are useable.

I have one (1) 6-pin form of the same type and short version that is roughly 1/3 the size ofthe CF-5. I would be gladly trade for them or let me know what is a good trade. I would also beglad to pay for them.

Thank you for your time and effort.

Roger/K1TG

11315. 1943 ARRL Radio Amateur's Handbook

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-16 18:09:21 UTC
From: dulmagedon@...
Topic: 11315 Message: 11315

This is Victoria Day Weekend in Canada aka Firecracker Day when I was a kid. Every year in Picton at the Crystal Palace at the old fairgrounds they have a Antique Show. I always take the XYL because I believe it is good to keep her happy. Occasionally I find something. Today I was there about 10 minutes and found hardcover edition of the 1943 ARRL Radio Amateur's Handbook. I didn't know the ARRL books came in hardcover. I thought only the"other" radio handbooks came that way as I have a 1940s version of one of them. Anyway a bit of dickering (I have been watching Down East Dickering and am getting better at it) and I had it for $20. Lots of interesting projects using tubes that were popular in the 30s and 40s. Funny that while I have some 1940s and 50s handbooks I see no repeats in this one. Now where is my stash of 6l6s. (BTW he also had a very old booklet called The Psychology of Morse Telgraphy but I couldn't bring myself to pay $25 for it.)
don

11316. Parts needed ... CF-5

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-16 19:46:28 UTC
From: Louis Vermond
Topic: 11316 Message: 11316
Attachments: 1 described; binary payloads are missing from this source WARC

I am on a quest for two (2) Hammarlund Ceramic (Isolantite) coil forms. I need the five (5) pin
variety. I believe the Hammarlund part number is CF-5. I would prefer they have the wooden pull handles but that is not essential. Used or unused is fine, as long as they are useable.

Like this, Group.

11317. Re: [AWA Group] Parts needed ... CF-5

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-16 21:54:22 UTC
From: Roger Kuchera
Topic: 11316 Message: 11317
Attachments: 1 described; binary payloads are missing from this source WARC

Yup! Roger.

On Saturday, May 16, 2015 3:46 PM, "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv9373301476 #yiv9373301476 .yiv9373301476ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv9373301476 div.yiv9373301476ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv9373301476 div.yiv9373301476photo-title a, #yiv9373301476 div.yiv9373301476photo-title a:active, #yiv9373301476 div.yiv9373301476photo-title a:hover, #yiv9373301476 div.yiv9373301476photo-title a:visited {text-decoration:none;}#yiv9373301476 div.yiv9373301476attach-table div.yiv9373301476attach-row {clear:both;}#yiv9373301476 div.yiv9373301476attach-table div.yiv9373301476attach-row div {float:left;}#yiv9373301476 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv9373301476 div.yiv9373301476ygrp-file {width:30px;}#yiv9373301476 div.yiv9373301476attach-table div.yiv9373301476attach-row div div a {text-decoration:none;}#yiv9373301476 div.yiv9373301476attach-table div.yiv9373301476attach-row div div span {font-weight:normal;}#yiv9373301476 div.yiv9373301476ygrp-file-title {font-weight:bold;}#yiv9373301476 --> ☐

I am on a quest for two (2) Hammarlund Ceramic (Isolantite) coil forms. I need the five (5) pinvariety. I believe the Hammarlund part number is CF-5. I would prefer they have the woodenpull handles but that is not essential. Used or unused is fine, as long as they are useable. Like this, Group.

11318. Re: 1943 ARRL Radio Amateur's Handbook

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-17 11:42:04 UTC
From: dulmagedon@...
Topic: 11315 Message: 11318

The first transmitter project in the book is a Breadboard Transmitter and begins by saying "go to the hardware store and buy a breadboard (5 cents) and four rubber feet." It is a 6L6 (optional 6v6) crystal controlled design from I would guess 1934. the receiver section has for its first project a very good regen design expandable in the second chapter to a Simple Superhet and the regen becomes a fixed regenerative detector and a mixer osc is added. Might be a fun station to build and operate. Power supplies and antenna tuners are included for each project. In the PS for the transmitter for a 6v6 use choke input PS and for 6l6 move the choke for capacitor input filter giving 300 or 450 volts respectively. A lot of the projects are very buildable and are an expansion of the previous at least in design which is a great way to learn and progress. There is even a simple 200 watt two tube CW transmitter. Now I know this isn't pre 1929 stuff but it is interesting and very buildable just the same. I am not sorry I bought the book.
don

11319. 1943 ARRL Radio Amateur's Handbook

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-17 14:19:27 UTC
From: Louis Vermond
Topic: 11315 Message: 11319
Attachments: 1 described; binary payloads are missing from this source WARC

The first transmitter project in the book is a Breadboard Transmitter...

My first hdbook was a '43 from which I built my first OT rig. 73, Lou

11320. Re: [AWA Group] FYI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-17 15:24:48 UTC
From: Larry Szendrei
Topic: 3020 Message: 11320

On 5/16/15 12:26 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> http://cdn.ka6wke.net/AmateurRadio/National/NationalCompany/National_Radio_Products_1947.pdf
> <http://cdn.ka6wke.net/AmateurRadio/National/NationalCompany/National_Radio_Products_1947.pdf>
>
> ---
>
Hmmm... Where is the HRO-7?

11321. RE: [AWA Group] FYI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-17 15:29:39 UTC
From: Mike Feher
Topic: 3020 Message: 11321

Page 17. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, May 17, 2015 11:25 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] FYI

On 5/16/15 12:26 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:

http://cdn.ka6wke.net/AmateurRadio/
<http://cdn.ka6wke.net/AmateurRadio/National/NationalCompany/National_Radio_
Products_1947.pdf> National/NationalCompany/National_Radio_Products_1947.pdf

---

Hmmm... Where is the HRO-7?

11322. RE: [AWA Group] FYI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-17 15:35:16 UTC
From: Mike Feher
Topic: 3020 Message: 11322

Sorry - I missed the 7 in your question. Supposedly the HRO-7 started its life in 1947, and, even though this is a 1947 catalog, it was probably compiled earlier. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, May 17, 2015 11:30 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] FYI

Page 17. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, May 17, 2015 11:25 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] FYI

On 5/16/15 12:26 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:

http://cdn.ka6wke.net/AmateurRadio/
<http://cdn.ka6wke.net/AmateurRadio/National/NationalCompany/National_Radio_Products_1947.pdf> National/NationalCompany/National_Radio_Products_1947.pdf

---

Hmmm... Where is the HRO-7?

11323. Re: 1943 ARRL Radio Amateur's Handbook

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-17 15:46:56 UTC
From: Ron Barlow
Topic: 11315 Message: 11323

Hi Don,
Your comments served to spark my memory of a high school library book, whose contents included an expandable, "learn as you go" radio transmitter. Stand alone freq multiplier stages and PA stages were described, that could be added to the basic transmitter (xtal oscillator?).
IIRC, a 20 or 25 watt (plate dissipation) triode, whose type number I've forgotten, was used for most or perhaps all of the transmitter stages, that were described. My financial status insured that I could
only drool over the subject material!
I regret that I do not remember the title, of that most interesting book.
73 de Ron

On Sun, 5/17/15, dulmagedon@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] Re: 1943 ARRL Radio Amateur's Handbook
To: AWAGroup@yahoogroups.com
Date: Sunday, May 17, 2015, 7:42 AM

The first transmitter project in the book is a
Breadboard Transmitter and begins by saying "go to the
hardware store and buy a breadboard (5 cents) and four
rubber feet." It is a 6L6 (optional 6v6) crystal
controlled design from I would guess 1934. the receiver
section has for its first project a very good regen design
expandable in the second chapter to a Simple Superhet and
the regen becomes a fixed regenerative detector and a mixer
osc is added. Might be a fun station to build and operate.
Power supplies and antenna tuners are included for each
project. In the PS for the transmitter for a 6v6 use choke
input PS and for 6l6 move the choke for capacitor input
filter giving 300 or 450 volts respectively. A lot of the
projects are very buildable and are an expansion of the
previous at least in design which is a great way to learn
and progress. There is even a simple 200 watt two tube CW
transmitter. Now I know this isn't pre 1929 stuff but it
is interesting and very buildable just the same. I am not
sorry I bought the book.
don

Posted by: dulmagedon@...

11324. Re: [AWA Group] FYI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-17 17:42:01 UTC
From: Larry Szendrei
Topic: 3020 Message: 11324

On 5/17/15 11:35 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Sorry ? I missed the 7 in your question. Supposedly the HRO-7 started
> its life in 1947, and, even though this is a 1947 catalog, it was
> probably compiled earlier. 73 ? Mike
>
>
Yep; that's what I surmised.

73,
-Larry/NE1S (who happens to own an HRO-7R (rack-mount version).

11325. Re: 1943 ARRL Radio Amateur's Handbook

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-17 18:11:21 UTC
From: dulmagedon@...
Topic: 11315 Message: 11325

I have part of a 1942 Handbook , now the 1943, a 1948 and a 1956 plus the "Other" handbook 1940 vintage. I used to have a Harrmalund 1934 Shortwave Manual but it has vanished somehow. I think I will build the breadboard just for fun. I Lou still has his we can do a breadboard QSO if the bands come back to life. 80m or 40m, Lou?I have everything but the 2.5 RF chokes. I should buy about 50 of them because I am always scrambling looking for subs or making workable ones. The HRO is in there on page 19 but it isn't a No7. It says to see the 1942 book for # 500 HRO rack model. Only the Table HRO and HRO jr are listed here. The picture though is a rack mount.
don

11326. 1943 ARRL Radio Amateur's Handbook & '43 BB SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-17 20:01:11 UTC
From: Louis Vermond
Topic: 11326 Message: 11326

I Lou still has his we can do a breadboard QSO if the bands come back to life. I do...

80m or 40m, Lou? Tanks for 160, 80 & 40... Ur call.

I have everything but the 2.5 RF chokes. I should buy about 50 of them ... You'll need a second mortgage...

11327. Re: [AWA Group] 1943 ARRL Radio Amateur's Handbook

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-17 20:09:02 UTC
From: Niel - W0VLZ
Topic: 11315 Message: 11327
Attachments: 1 described; binary payloads are missing from this source WARC

Building and putting on the air those one tube crystal controlled rigs is a lot of fun. I've built several and have used some of them in the AWA Linc Cundall Old Time CW QSO Party.

A few years ago I went so far as to build up an early 50s Novice Pair. See https://www.prismnet.com/~nielw/1951NoviceStation/1951station.htm By then a lot of the simple rigs were built up on "slat board" chassis. If you had an old orange crate you could even save money over that breadboard.

73,
Niel

11328. Re: [AWA Group] 1943 ARRL Radio Amateur's Handbook

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-17 20:37:12 UTC
From: dulmagedon@...
Topic: 11315 Message: 11328

I have two orange crate rigs. A TPTG I used in the BK as well as its mate a Hartley. Both 01As. Worked Paul with both. I used the Morroco tangerine crates as produced that we get at the local grocery store. The only Rock bound HB tube rig I have is my Bare Essentials 50l6 rig which is now a 50c6 rig for a bit more squeak. It does a decent job and recently became an AMer as well by way of series cathode modulation. (Still one tube)
I would like to do the Breadboard Transmitter as close to the one in the book as physically possible. BTW where is everyone? Band 40M was open but no one around today. Surely not everyone is mowing their lawn!
don

11329. Re: [AWA Group] 1943 ARRL Radio Amateur's Handbook & '43 BB SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-17 21:38:36 UTC
From: Leonard Meek
Topic: 11326 Message: 11329

Antique Elex has them for $1.25 ea. I just bought a bunch.

Leonard

----- Original Message -----
From: Louis Vermond ldvermond@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Sunday, May 17, 2015 10:01 AM
Subject: [AWA Group] 1943 ARRL Radio Amateur's Handbook & '43 BB SKED

☐

I Lou still has his we can do a breadboard QSO if the bands come back to life. I do...

80m or 40m, Lou? Tanks for 160, 80 & 40... Ur call.

I have everything but the 2.5 RF chokes. I should buy about 50 of them ... You'll need a second mortgage...

11330. Re: 1943 ARRL Radio Amateur's Handbook & '43 BB SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-17 22:22:14 UTC
From: dulmagedon@...
Topic: 11326 Message: 11330

I think I will build for 80m then. BTW Leonard. I ll check it out.
don

11331. Re: [AWA Group] Re: 1943 ARRL Radio Amateur's Handbook & '43 BB SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-18 00:42:42 UTC
From: Louis Vermond
Topic: 11326 Message: 11331

I think I will build for 80m then. Gather up the parts on hand then give us a list of ur still-needs, Don.

BTW Leonard. I ll check it out. https://www.tubesandmore.com/products/P-C1535B I had in mind the 30's style RFC that Hammonds manufactured for decades, but, it seems, no more.

GN, Lou

11332. Re: [AWA Group] Re: 1943 ARRL Radio Amateur's Handbook & '43 BB SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-18 13:33:59 UTC
From: dulmagedon@...
Topic: 11326 Message: 11332

I appear to have all the parts "in stock"
As an aside have also been working on a 40M Am three tube transmitter I am calling Triple Threat. It has a 12ax7 osc buffer, 6bl7 speech amp/mod and a 829B parallel pair final. The Osc is slug tuned. It is just a something to poke around at project but is sort of building itself. Triple Threat because it is a miniature, an octal and an semi-exotic tube. And all tubes are double tubes in single envelope.
don

11333. Re: [AWA Group] Re: 1943 ARRL Radio Amateur's Handbook & '43 BB SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-18 17:06:36 UTC
From: dulmagedon@...
Topic: 11326 Message: 11333

Stby, I found everything. Even exact values except RFCs although certainly close enough ones. Even found a tube socket that fits my round Bliley crystals. XYL says we are breadboard shopping in the morning.
don

11334. Re: [AWA Group] Re: 1943 ARRL Radio Amateur's Handbook & '43 BB SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-18 17:45:04 UTC
From: dulmagedon@...
Topic: 11326 Message: 11334

Stby, I found everything. Even exact values except RFCs although certainly close enough ones. Even found a tube socket that fits my round Bliley crystals. XYL says we are breadboard shopping in the morning.
don

11335. Re: [AWA Group] Re: 1943 ARRL Radio Amateur's Handbook & '43 BB SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-18 20:00:30 UTC
From: Louis Vermond
Topic: 11326 Message: 11335

XYL says we are breadboard shopping in the morning. Now there's a Keeper!!!!

11336. Re: [AWA Group] Re: 1943 ARRL Radio Amateur's Handbook & '43 BB SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-18 21:59:06 UTC
From: dulmagedon@...
Topic: 11326 Message: 11336

Bliley Type VF-1 Crystal Holder 3591 kc - In Original Box http://www.ebay.ca/itm/Bliley-Type-VF-1-Crystal-Holder-3591-kc-In-Original-Box-/291449265127?pt=LH_DefaultDomain_0&hash=item43dbbadbe7

http://www.ebay.ca/itm/Bliley-Type-VF-1-Crystal-Holder-3591-kc-In-Original-Box-/291449265127?pt=LH_DefaultDomain_0&hash=item43dbbadbe7

Bliley Type VF-1 Crystal Holder 3591 kc - In Original... http://www.ebay.ca/itm/Bliley-Type-VF-1-Crystal-Holder-3591-kc-In-Original-Box-/291449265127?pt=LH_DefaultDomain_0&hash=item43dbbadbe7 Bliley Type VF-1 Crystal Holder 3591 kc - In Original Box in Consumer Electronics, Radio Communication, Ham, Amateur Radio | eBay

View on www.ebay.ca http://www.ebay.ca/itm/Bliley-Type-VF-1-Crystal-Holder-3591-kc-In-Original-Box-/291449265127?pt=LH_DefaultDomain_0&hash=item43dbbadbe7
Preview by Yahoo

Wish I could afford this. I made one once but an original would be great.

don

11337. Re: [AWA Group] Re: 1943 ARRL Radio Amateur's Handbook & '43 BB SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-18 22:40:55 UTC
From: Roger Kuchera
Topic: 11326 Message: 11337

This person is delusional!

On Monday, May 18, 2015 5:59 PM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv4514959366 #yiv4514959366 .yiv4514959366ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv4514959366 div.yiv4514959366ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv4514959366 div.yiv4514959366photo-title a, #yiv4514959366 div.yiv4514959366photo-title a:active, #yiv4514959366 div.yiv4514959366photo-title a:hover, #yiv4514959366 div.yiv4514959366photo-title a:visited {text-decoration:none;}#yiv4514959366 div.yiv4514959366attach-table div.yiv4514959366attach-row {clear:both;}#yiv4514959366 div.yiv4514959366attach-table div.yiv4514959366attach-row div {float:left;}#yiv4514959366 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv4514959366 div.yiv4514959366ygrp-file {width:30px;}#yiv4514959366 div.yiv4514959366attach-table div.yiv4514959366attach-row div div a {text-decoration:none;}#yiv4514959366 div.yiv4514959366attach-table div.yiv4514959366attach-row div div span {font-weight:normal;}#yiv4514959366 div.yiv4514959366ygrp-file-title {font-weight:bold;}#yiv4514959366 --> <!--#yiv4514959366 #yiv4514959366ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv4514959366 #yiv4514959366ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv4514959366 #yiv4514959366ygrp-mkp #yiv4514959366hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv4514959366 #yiv4514959366ygrp-mkp #yiv4514959366ads {margin-bottom:10px;}#yiv4514959366 #yiv4514959366ygrp-mkp .yiv4514959366ad {padding:0 0;}#yiv4514959366 #yiv4514959366ygrp-mkp .yiv4514959366ad p {margin:0;}#yiv4514959366 #yiv4514959366ygrp-mkp .yiv4514959366ad a {color:#0000ff;text-decoration:none;}-->

Bliley Type VF-1 Crystal Holder 3591 kc - In Original Box

| |
| | | | Bliley Type VF-1 Crystal Holder 3591 kc - In Original... Bliley Type VF-1 Crystal Holder 3591 kc - In Original Box in Consumer Electronics, Radio Communication, Ham, Amateur Radio | eBay | |
| View on www.ebay.ca | Preview by Yahoo |
| |

Wish I could afford this. I made one once but an original would be great.
don

11338. Re: [AWA Group] Re: 1943 ARRL Radio Amateur's Handbook & '43 BB SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-19 01:38:56 UTC
From: dulmagedon@...
Topic: 11326 Message: 11338
Attachments: 1 described; binary payloads are missing from this source WARC

lest someone should think I was kidding here is the one I made starting with a standard Bliley crystal. I cast the adjustable body in my home foundry , machined it on my mini lathe and installed a tension bolt and spring. Because the crystal frequency varies with the tension appllied to it one can vary the frequency quite a bit relatively speaking. Much more then you could with trying to rubber it with a capacitor. It was all duely recorded here when I made it a few years back and it still mworks quite well. However it isnt very pretty and it isnt original. Whether that is how Bliley did it I don't know but I discovered the effect while regrinding and testing my own crystals for my rock bound rigs. don

11339. 1943 ARRL Radio Amateur's Handbook & '43 BB SKED & Bliley VF-1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-19 03:52:22 UTC
From: Louis Vermond
Topic: 11339 Message: 11339
Attachments: 5 described; binary payloads are missing from this source WARC

No slouch at all, Don.

11340. Re: [AWA Group] 1943 ARRL Radio Amateur's Handbook & '43 BB SKED & Bliley VF-1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-19 11:55:09 UTC
From: Roger Kuchera
Topic: 11339 Message: 11340
Attachments: 5 described; binary payloads are missing from this source WARC

The adjustment knobs on the VF-1 and VF-2 crack rather easily from over-tightening the set screw.The knobs are nearly impossible to find and replace.
Roger/K1TG

On Monday, May 18, 2015 11:53 PM, "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv0722290141 #yiv0722290141 .yiv0722290141ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv0722290141 div.yiv0722290141ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv0722290141 div.yiv0722290141photo-title a, #yiv0722290141 div.yiv0722290141photo-title a:active, #yiv0722290141 div.yiv0722290141photo-title a:hover, #yiv0722290141 div.yiv0722290141photo-title a:visited {text-decoration:none;}#yiv0722290141 div.yiv0722290141attach-table div.yiv0722290141attach-row {clear:both;}#yiv0722290141 div.yiv0722290141attach-table div.yiv0722290141attach-row div {float:left;}#yiv0722290141 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv0722290141 div.yiv0722290141ygrp-file {width:30px;}#yiv0722290141 div.yiv0722290141attach-table div.yiv0722290141attach-row div div a {text-decoration:none;}#yiv0722290141 div.yiv0722290141attach-table div.yiv0722290141attach-row div div span {font-weight:normal;}#yiv0722290141 div.yiv0722290141ygrp-file-title {font-weight:bold;}#yiv0722290141 --> ☐

No slouch at all, Don.

11341. Re: [AWA Group] 1943 ARRL Radio Amateur's Handbook & '43 BB SKED & Bliley VF-1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-19 22:15:14 UTC
From: dulmagedon@...
Topic: 11339 Message: 11341
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks for the heads up Roger. Maybe I will just enjoy my own then and stop dreaming. The XYL was true to her word and I know have a breadboard. I cut it in two as it was long and now have two identical shaped breadboards. Here it is so far in rough fit up.
don

11342. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-20 15:56:47 UTC
From: Louis Vermond
Topic: 130 Message: 11342

http://www.ebay.com/itm/1930s-2-TUBE-OCEAN-HOPPER-RADIO-W-POWER-SUPPLY-EARLY-KNIGHT-KIT-OR-HOMEMADE/400917373150?_trksid=p2047675.c100011.m1850&_trkparms=aid%3D333008%26algo%3DRIC.MBE%26ao%3D1%26asc%3D29006%26meid%3Df5f604417edd4fa4aaf60b77c17c6a38%26pid%3D100011%26rk%3D3%26rkt%3D10%26sd%3D161698002150

11343. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-20 15:59:34 UTC
From: mbdittmar@...
Topic: 130 Message: 11343

Speaking of ebay alerts, check out this TnT TX:

ebay

See ebay

331558693915

----- Original Message -----

From: "Louis Vermond ldvermond@sympatico.ca [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Sent: Wednesday, May 20, 2015 9:56:47 AM
Subject: [AWA Group] eBay Alert

http://www.ebay.com/itm/ 1930s-2-TUBE-OCEAN-HOPPER-RADIO -W-POWER-SUPPLY-EARLY-KNIGHT-KIT-OR-HOMEMADE/400917373150?_trksid=p2047675.c100011.m1850&_trkparms=aid%3D333008%26algo%3DRIC.MBE%26ao%3D1%26asc%3D29006%26meid%3Df5f604417edd4fa4aaf60b77c17c6a38%26pid%3D100011%26rk%3D3%26rkt%3D10%26sd%3D161698002150

11344. eBay Alert TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-20 16:08:05 UTC
From: Louis Vermond
Topic: 11344 Message: 11344

Tks mbdittmar. Who are u?

http://www.ebay.ca/itm/CIRCA-1929-HAM-ONE-TUBE-TNT-EARLY-RADIO-TRANSMITTER-FOR-CW-MORSE-CODE-/331558693915?pt=LH_DefaultDomain_0&hash=item4d32702c1b

Let the fun begin!

11345. Re: [AWA Group] eBay Alert TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-20 16:09:21 UTC
From: mbdittmar@...
Topic: 11344 Message: 11345

Call sign AB0CW

----- Original Message -----

From: "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Sent: Wednesday, May 20, 2015 10:08:05 AM
Subject: [AWA Group] eBay Alert TNT

Tks mbdittmar . Who are u?
http://www.ebay.ca/itm/CIRCA-1929-HAM-ONE-TUBE- TNT -EARLY-RADIO-TRANSMITTER-FOR-CW-MORSE-CODE-/331558693915?pt=LH_DefaultDomain_0&hash=item4d32702c1b
Let the fun begin!

11346. Re: [AWA Group] eBay Alert TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-20 16:35:56 UTC
From: Louis Vermond
Topic: 11344 Message: 11346

Call sign AB0CW

Tks Mark....

11347. Re: [AWA Group] 1943 ARRL Radio Amateur's Handbook & '43 BB SKED & Bliley VF-1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-20 19:18:17 UTC
From: dulmagedon@...
Topic: 11339 Message: 11347

Breadboard drilled, test assembled, sanded, varnished and drying. Many parts soldered to tube socket and crystal and coil socket. Maybe tomorrow for the smoke test. Will let it dry overnite. Also found a 7145 crystal I didn't know I had . It isnt a round Bliley but I planned to make a plug in adapter anyway. So that would give me 80m and 40M if I want to wind the coils (or install a shorting switch to cut the 80M in half)
don

11348. Re: [AWA Group] 1943 ARRL Radio Amateur's Handbook & '43 BB SKED & Bliley VF-1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-20 20:32:34 UTC
From: Larry Szendrei
Topic: 11339 Message: 11348

On 5/20/15 3:18 PM, dulmagedon@... [AWAGroup] wrote:
>
> Breadboard drilled, test assembled, sanded, varnished and drying. Many
> parts soldered to tube socket and crystal and coil socket. Maybe
> tomorrow for the smoke test. Will let it dry overnite. Also found a
> 7145 crystal I didn't know I had . It isnt a round Bliley but I
> planned to make a plug in adapter anyway. So that would give me 80m
> and 40M if I want to wind the coils (or install a shorting switch to
> cut the 80M in half)
> don
>
>
Hi Don,

How are you going to get 80M from a 7145 XTAL? Or did you mean with an existing 80M or 160M XTAL that you may have mentioned in a previous post?

40M and 20M (14.290, close to 14.286 - 20M AM calling freq.) no problem with the 7145 XTAL.

73,
-Larry/NE1S

11349. Re: [AWA Group] 1943 ARRL Radio Amateur's Handbook & '43 BB SKED & Bliley VF-1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-20 21:35:14 UTC
From: dulmagedon@...
Topic: 11339 Message: 11349

Previously I had no 40m crystals only 80M so I had not considered going on 40M or winding a coil for 40M. However now I have a 7145 crystal I found in my junk drawer. It is an old CR/8U. I hadn't made provision for that style crystal as I have lots of 80M Bliley rounds. So I would have to build an adapter to plug that style into the other socket and wind a coil to match it.Or I could centre tap the 80 meter coil as it is a 4 pin deal and just throw the switch on the 80m coil cutting it effectively in half giving me 40M but I would still have to change the crystal. That was a given I thought. Anyway the varnish dried and the rig is now about 80% wired. XYL is on a bus trip tomorrow with WI so I may have time to wind the coil on the plug in form and fire it up. HF bands however are currently crap here. don

11350. Re: [AWA Group] 1943 ARRL Radio Amateur's Handbook & '43 BB SKED & Bliley VF-1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-20 21:48:28 UTC
From: Louis Vermond
Topic: 11339 Message: 11350

Don,

At some point please list here the CW 80 mtr rock frequencies you have on hand. Looking forward to a '43/'43 SKED.

Lou

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-05-20 5:35 PM
Subject: Re: [AWA Group] 1943 ARRL Radio Amateur's Handbook & '43 BB SKED & Bliley VF-1

Previously I had no 40m crystals only 80M so I had not considered going on 40M or winding a coil for 40M. However now I have a 7145 crystal I found in my junk drawer. It is an old CR/8U. I hadn't made provision for that style crystal as I have lots of 80M Bliley rounds. So I would have to build an adapter to plug that style into the other socket and wind a coil to match it.Or I could centre tap the 80 meter coil as it is a 4 pin deal and just throw the switch on the 80m coil cutting it effectively in half giving me 40M but I would still have to change the crystal. That was a given I thought. Anyway the varnish dried and the rig is now about 80% wired. XYL is on a bus trip tomorrow with WI so I may have time to wind the coil on the plug in form and fire it up. HF bands however are currently crap here. don

11351. Re: [AWA Group] 1943 ARRL Radio Amateur's Handbook & '43 BB SKED & Bliley VF-1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-21 02:21:19 UTC
From: dulmagedon@...
Topic: 11339 Message: 11351

3736, 3561, 3500(too close for comfort) I forget what my adjustable is but it is in the 80M Cw portion. I also found a adapter I had started to make years ago so I will finish it. My other rock bound tube rig the BE has sockets for all three common type crystals so that is probably why I didnt finish making the adapter deal. I have others in my junk drawer but they may not have been good spots. We can of course also operate split if you don't have matches. I used to op quite a bit of split DX back in the 80s. I will check the adjustable in the morning and see what it is. I didn't write it on it anywhere.
Some may wonder why I wouldn't just double for 40M from the 80M crystal. Two reasons. One there is a note in the article that says that is not recomended for this rig. Why I dont know but also you loose some punch when you do when you only have one single stage tube or transistor.
Anyway it is about done so I will holler when ready but the band will have to improve. Today I could not hear CHU even on the beverage. And even W1AW CP was just a wisp now and then and not copyable in any way shape or form.
don

11352. Re: [AWA Group] 1943 ARRL Radio Amateur's Handbook & '43 BB SKED & Bliley VF-1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-21 10:25:46 UTC
From: Larry Szendrei
Topic: 11339 Message: 11352

On 5/20/15 10:21 PM, dulmagedon@... [AWAGroup] wrote:
>
>
> Some may wonder why I wouldn't just double for 40M from the 80M
> crystal. Two reasons. One there is a note in the article that says
> that is not recomended for this rig. Why I dont know but also you
> loose some punch when you do when you only have one single stage tube
> or transistor.
>
Yep; I was wondering.

> Anyway it is about done so I will holler when ready but the band will
> have to improve. Today I could not hear CHU even on the beverage. And
> even W1AW CP was just a wisp now and then and not copyable in any way
> shape or form.
>
I was listening on the high end of 40M late morning yesterday and the
signals I did hear were extremely weak (WA1HLR talking with W2IMX). I
called a couple of CQ's with 80W from the Viking I on 7290 and 7295 but
raised no one.

73,
-Larry/NE1S

11353. Re: [AWA Group] 1943 ARRL Radio Amateur's Handbook & '43 BB SKED & Bliley VF-1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-21 10:51:30 UTC
From: dulmagedon@...
Topic: 11339 Message: 11353

I was also listening there 7290. I could just tell someone was there and that was it. Once in awhile a couple of words then it completely closed down and just noise. I fired upone of my single tube AMers and gave it a half hearted shot just in case but it was a wash no matter what. Adjustable crystal goes from 3633 to 3634 plus a bit.
don

11354. '43/'43 BB SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-21 17:15:44 UTC
From: Louis Vermond
Topic: 11354 Message: 11354

3561 My closest to this is 3558....close enuf.

I'll set up the rig today so I'll be ready when condx improve.

CU, Lou
VE3AWA

11355. eBay Alert SW-3 BS Coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-21 20:27:54 UTC
From: Louis Vermond
Topic: 11355 Message: 11355

http://www.ebay.ca/sch/llrw0og/m.html?item=161704185596&hash=item25a6520efc&pt=LH_DefaultDomain_0&rt=nc&_trksid=p2047675.l2562

11356. Re: '43/'43 BB SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-22 21:56:46 UTC
From: dulmagedon@...
Topic: 11354 Message: 11356

It works. A bit light on power perhaps as power supply drops to 246V under load but sounds good and works so as soon as we have a decent condition day we shall give er! I only had to fudge two values. My cathode resistor is 400 ohms instead of 200 ohms and I used a .005 shunt instead of a .001 in the top side tank to plate. My coil form as 1 1/4 inches instead of 1 1/2 as mentioned in the article but that was a minor thing to deal with and it now tunes to the crystal nicely. I used a 2 turn link out. I guess my chokes are of unknown value but appear to be working fine.
don

11357. Re: '43/'43 BB SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-23 00:22:03 UTC
From: dulmagedon@...
Topic: 11354 Message: 11357

CHU is coming in strong so the band is at the moment open. I have a few minutes here and I don't know Lou if your around but I am going to try calling on 3561kcs and listening on 3558.
don

11358. Re: [AWA Group] Re: '43/'43 BB SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-23 13:42:09 UTC
From: Louis Vermond
Topic: 11354 Message: 11358

CHU is coming in strong so the band is at the moment open. I have a few minutes here and I don't know Lou if your around but I am going to try calling on 3561kcs and listening on 3558.
don

GM Don,

Did not RX this 'till late last night. Any bites?

SKED... Tonight crowded. Hw abt tomorrow evening u name time es freq.

73, Lou

11359. As seen on eBay awhile ago....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-23 13:45:32 UTC
From: Louis Vermond
Topic: 11359 Message: 11359
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

11360. Re: [AWA Group] Re: '43/'43 BB SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-23 22:41:58 UTC
From: dulmagedon@...
Topic: 11354 Message: 11360

nope. It only stayed open for a bit. I just checked . It is just there right now but not too strong so conditions are crappy. I will check around dusk and see. As for freq I am using the 3561 crystal and it is slightly low according to my digital RX. 3560 something. We will see what the evening brings.
don

11361. Re: [AWA Group] Re: '43/'43 BB SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-23 22:55:26 UTC
From: Louis Vermond
Topic: 11354 Message: 11361

OK Don. Lou

nope. It only stayed open for a bit. I just checked . It is just there right now but not too strong so conditions are crappy. I will check around dusk and see. As for freq I am using the 3561 crystal and it is slightly low according to my digital RX. 3560 something. We will see what the evening brings.
don

11362. RE: [AWA Group] Meter trade or buy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-24 21:49:20 UTC
From: Mike Feher
Topic: 11312 Message: 11362
Attachments: 2 described; binary payloads are missing from this source WARC

Hey Lou -

How about this?

http://www.ebay.com/itm/171794608954

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, May 15, 2015 7:53 PM
To: AWAGroup
Subject: [AWA Group] Meter trade or buy

I am gathering the final needed parts for the next project.

I am looking for a Weston RF meter:

Model #425

Range, 0-1Amp

Metal case

Face dia., 2 1/4"

Flush mount

I consider any condition worth discussing as long it has been proven to be working.

Like this, but the RF mtr. version, Model 425.

Will buy or trade for this 1920s Jewell RF meter below in very good condition, 100% working order.

Thank you.

73, Lou

VE3AWA

Ldvermond@...

There is minor paint chipping along the flange edge. There are mounting screw head scratches around the mounting holes.

The photo does not show that the scale face is "fresh" with the early production crystalline silver surface.

Total face dia., 2 3/4"

11363. Re: [AWA Group] Meter trade or buy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-24 22:18:10 UTC
From: Larry Szendrei
Topic: 11312 Message: 11363
Attachments: 2 described; binary payloads are missing from this source WARC

Mike, Lou: An ignorant question: do those meters have the thermocouple unit built in, or does one need to find one of those in addition to the meter proper?

73,
-Larry/NE1S

On 5/24/15 5:49 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Hey Lou ?
>
> How about this?
>
> http://www.ebay.com/itm/171794608954
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Friday, May 15, 2015 7:53 PM
> *To:* AWAGroup
> *Subject:* [AWA Group] Meter trade or buy
>
> I am gathering the final needed parts for the next project.
>
> I am looking for a Weston RF meter:
>
> Model #425
>
> Range, 0-1Amp
>
> Metal case
>
> Face dia., 2 1/4"
>
> Flush mount
>
> I consider any condition worth discussing as long it has been proven
> to be working.

>
> Like this, but the RF mtr. version, Model 425.
>
> Will buy or trade for this 1920s Jewell RF meter below in very good
> condition, 100% working order.
>
> Thank you.
>
> 73, Lou
>
> VE3AWA
>
> Ldvermond@... <mailto:Ldvermond@...>
>
> There is minor paint chipping along the flange edge. There
> are mounting screw head scratches around the mounting holes.
>
> The photo does not show that the scale face is "fresh" with the early
> production crystalline silver surface.
>
> _Total face dia., 2 3/4"_
>
>

11364. RE: [AWA Group] Meter trade or buy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-25 01:15:30 UTC
From: Mike Feher
Topic: 11312 Message: 11364
Attachments: 2 described; binary payloads are missing from this source WARC

Larry -

This one is self-contained. I confirmed it in my Weston catalog. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, May 24, 2015 6:18 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Meter trade or buy

Mike, Lou: An ignorant question: do those meters have the thermocouple unit
built in, or does one need to find one of those in addition to the meter
proper?

73,
-Larry/NE1S

On 5/24/15 5:49 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

Hey Lou -

How about this?

http://www.ebay.com/itm/171794608954

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, May 15, 2015 7:53 PM
To: AWAGroup
Subject: [AWA Group] Meter trade or buy

I am gathering the final needed parts for the next project.

I am looking for a Weston RF meter:

Model #425

Range, 0-1Amp

Metal case

Face dia., 2 1/4"

Flush mount

I consider any condition worth discussing as long it has been proven to be working.

Like this, but the RF mtr. version, Model 425.

Will buy or trade for this 1920s Jewell RF meter below in very good condition, 100% working order.

Thank you.

73, Lou

VE3AWA

Ldvermond@...

There is minor paint chipping along the flange edge. There are mounting screw head scratches around the mounting holes.

The photo does not show that the scale face is "fresh" with the early production crystalline silver surface.

Total face dia., 2 3/4"

11365. Re: [AWA Group] Meter trade or buy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-25 01:56:48 UTC
From: Niel - W0VLZ
Topic: 11312 Message: 11365

But what does the scale mean? "current squared"? What units? How does
this translate to power/watts?

Niel - W0VLZ

'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Larry ?
>
> This one is self-contained. I confirmed it in my Weston catalog. 73 -
> Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Sunday, May 24, 2015 6:18 PM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* Re: [AWA Group] Meter trade or buy
>
> Mike, Lou: An ignorant question: do those meters have the thermocouple
> unit built in, or does one need to find one of those in addition to
> the meter proper?
>
> 73,
> -Larry/NE1S
>
> On 5/24/15 5:49 PM, 'Mike Feher' n4fs@...
> <mailto:n4fs@...> [AWAGroup] wrote:
>
> Hey Lou ?
>
> How about this?
>
> http://www.ebay.com/itm/171794608954
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>

> Howell, NJ, 07731
>
> 732-886-5960
>
> !
>
> *From:*AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Friday, May 15, 2015 7:53 PM
> *To:* AWAGroup
> *Subject:* [AWA Group] Meter trade or buy
>
> I am gathering the final needed parts for the next project.
>
> I am looking for a Weston RF meter:
>
> Model #425
>
> Range, 0-1Amp
>
> Metal case
>
> Face dia., 2 1/4"
>
> Flush mount
>
> I consider any condition worth discussing as long it has been
> proven to be working.
>
> Like this, but the RF mtr. version, Model 425.
>
> Will buy or trade for this 1920s Jewell RF meter below in very
> good condition, 100% working order.
>
> Thank you.
>
> 73, Lou
>
> VE3AWA
>
> Ldvermond@... <mailto:Ldvermond@...>
>
> There is minor paint chipping along t! he flange edge. There
> are mounting screw head scratches around the mounting holes.
>
> The photo does not show that the scale face is "fresh" with the
> early production crystalline silver surface.
>
> _Total face dia., 2 3/4"_
>

>

11366. Re: [AWA Group] Meter trade or buy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-25 02:15:56 UTC
From: Louis Vermond
Topic: 11312 Message: 11366

GE Mike and All,

Thank you for remembering my want. At 100ma. that would be considerably less than what is required.

GN, Lou

45 min.s to go on the TNT. Bids seem low considering what it is. Hope someone here will have a new old rig for the Kelley.

http://www.ebay.ca/itm/CIRCA-1929-HAM-ONE-TUBE-TNT-EARLY-RADIO-TRANSMITTER-FOR-CW-MORSE-CODE-/331558693915?pt=LH_DefaultDomain_0&hash=item4d32702c1b

11367. Re: [AWA Group] Meter trade or buy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-25 15:38:24 UTC
From: Jon Delventhal
Topic: 11312 Message: 11367

Easy to add a shunt if you are just using the meter to indicate relative power and not absolute power.
I have the meter you need and will trade it for a silver-faced Weston 425 with a full scale rating of 1.5A or 2A.

From: "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Sunday, May 24, 2015 9:15 PM
Subject: Re: [AWA Group] Meter trade or buy

GE Mike and All, Thank you for remembering my want. At 100ma. that would be considerably less than what is required. GN, Lou 45 min.s to go on the TNT. Bids seem low considering what it is. Hope someone here will have a new old rig for the Kelley. http://www.ebay.ca/itm/CIRCA-1929-HAM-ONE-TUBE-TNT-EARLY-RADIO-TRANSMITTER-FOR-CW-MORSE-CODE-/331558693915?pt=LH_DefaultDomain_0&hash=item4d32702c1b

11368. Re: [AWA Group] Meter trade or buy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-25 16:07:39 UTC
From: Louis Vermond
Topic: 11312 Message: 11368

GM Jon,

Easy to add a shunt if you are just using the meter to indicate relative power and not absolute power. Yes, tks, but this project is not a make-doer. You understand I'm sure.

I have the meter you need and will trade it for a silver-faced Weston 425 with a full scale rating of 1.5A or 2A. :0) I'll see what I can do. In the mean time please send several large photos of the 1A.

73, Lou

11369. Re: [AWA Group] Meter trade or buy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-25 16:20:47 UTC
From: Jon Delventhal
Topic: 11312 Message: 11369

In that case my meter will not be suitable. It has a brown micalex? back instead of the 1920s authentic black bakelite back. I ruined a 425 once trying to exchange a brown back for a black back. Not one of my proudest moments.

From: "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, May 25, 2015 11:07 AM
Subject: Re: [AWA Group] Meter trade or buy

☐GM Jon, Easy to add a shunt if you are just using the meter to indicate relative power and not absolute power. Yes, tks, but this project is not a make-doer. You understand I'm sure.
I have the meter you need and will trade it for a silver-faced Weston 425 with a full scale rating of 1.5A or 2A. :0) I'll see what I can do. In the mean time please send several large photos of the 1A. 73, Lou

11370. Re: [AWA Group] Meter trade or buy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-25 16:30:41 UTC
From: Louis Vermond
Topic: 11312 Message: 11370

All right, Jon. Thank you for keeping me in mind. 73, Lou

----- Original Message -----
From: Jon Delventhal ab9zg@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-05-25 12:20 PM
Subject: Re: [AWA Group] Meter trade or buy

From: "Louis Vermond ldvermond@sympatico.ca [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, May 25, 2015 11:07 AM
Subject: Re: [AWA Group] Meter trade or buy

☐
GM Jon,

Easy to add a shunt if you are just using the meter to indicate relative power and not absolute power. Yes, tks, but this project is not a make-doer. You understand I'm sure.

I have the meter you need and will trade it for a silver-faced Weston 425 with a full scale rating of 1.5A or 2A. :0) I'll see what I can do. In the mean time please send several large photos of the 1A.

73, Lou

11371. 40M CW open late

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-25 18:04:51 UTC
From: dulmagedon@...
Topic: 11371 Message: 11371

The bands have been dead here lately. I have had zero air time as far as QSO go since I returned from the trip. Some No 19 and No 9 (angry 9 I think) guys wanted to try a pond hop between NL and USA last night so I tuned in to see of I could hear. I didn't hear them but was shocked at the amount of activity around 7025 to 7045. I checked 80M and it was a dead as a mackeral but i suspect no one there rather then the band itself. Apparently the Pond hop was a succcess. I dont know what an angry 9 has for power but I do know the 19 on CW can reach 19 watts if one is lucky. Anyway if you can't sleep it is something to try. I checked on at about 2200 hrs EDT. Meanwhile back at the ranch I had my new breadboard on my 1929 tx s supply. That supply has adjustable DC filament voltage so I decided to see what it actually had. 4.72 volts. It really smartened up when I gave it 6.27v. Pays to check.
don

11372. Re: Meter trade or buy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-25 19:57:50 UTC
From: wa8dof@...
Topic: 11312 Message: 11372
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Lou

I finally got time to go through my meter stash. I do not have exactly what you want, and am not sure if you can adapt something else. I have attached a photo of the RF ammeters I have. The two on the right have built in thermocouples (according to the guy I got them from), and the one on the left has an external thermocouple. All are untested and a little ratty, but should clean up.

Will any of these work?

Dave

11373. Re: [AWA Group] Re: Meter trade or buy ...& Dave

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-25 20:46:28 UTC
From: Louis Vermond
Topic: 11373 Message: 11373
Attachments: 1 described; binary payloads are missing from this source WARC

Thank you, Dave for taking the time to look.

No, not adaptable I'm afraid. They would be great for a late 40s rig though.

73, Lou

11374. Our circuits in a nut shell

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-25 21:23:47 UTC
From: Louis Vermond
Topic: 11374 Message: 11374
Attachments: 2 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

11375. Re: [AWA Group] Re: '43/'43 BB SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-26 12:44:02 UTC
From: dulmagedon@...
Topic: 11354 Message: 11375
Attachments: 1 described; binary payloads are missing from this source WARC

Here is the finished transmitter. It appears to be performing well but hasn't had a QSO yet. The band was wide open this morning around 730 to 8 local time but no one was on (80M) I always check the time signals with my portable. This morning CHU was S9 even with the antenna folded down! Last week I could often not hear it no matter what. I remember back in the day when I was a teenager wondering why anyone would build a time signal only receiver. finally a few years back I got it. Best way to check the band openings especially 80m and 40m . CHU east west, WWV north south for me.
don

11376. UK winners of QST's Second Transatlantic Test

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-26 22:57:16 UTC
From: Louis Vermond
Topic: 11376 Message: 11376
Attachments: 4 described; binary payloads are missing from this source WARC

The attached are from the Feb.,1922 issue of, Wireless World, the "Official Organ of the RSGB".

The article features the UK winners of QST's Second Transatlantic Test where Canadian and US hams transmitted while English amateurs/SWLers listened. The station with the most calls logged wins first place honours along with wireless instruments.

Below tells the story of the second place winner, H.H. Whitfield. This post is for the hopelessly romantic O.T. HBers among us...

11377. Re: [AWA Group] Re: '43/'43 BB SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-27 14:12:38 UTC
From: dulmagedon@...
Topic: 11354 Message: 11377

I really like the look of this breadboard rig. Trying to think of a matching mate I could make for it. Maybe an 807 PA?
don

11378. Dating a National SW-3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-27 21:42:50 UTC
From: Bill Stewart
Topic: 11378 Message: 11378

Afternoon all,
I have an SW-3 that I would like to try and find out what its approximate year of manufacture and version is. It has a 36 for rf amp and detector and a 37 (has 237 engraved on the wafer socket) as the audio amp. It has a four wire cord and a B+ switch on a long shaft in the left rear corner. It does not have the voltage divider resistor. It is working nicely....except for scratchy pots that need cleaning and maybe needs calibrating. I have the 40m BS coils (13A) and have been tuning around on 40 this PM. I will go thru it and re-solder the solder joints, clean pots, ck resistors, etc. Since its working so well, I am gonna assume (yeah, I know what it means) that the caps & resis. are close enuf, but will ck a few anyway. I am using a string of 9V batts for about 125vdc, under load and 6.3 vac on fils. with no hum noticed. I've had it for a number of years, but got the bug to play with it some more after recently acquiring the 80m BS coils. Would it have originally used the balloon type tubes? Ones in it now are the 'coke bottle' shape. Is there anything else I could look for that would help with the dating?
Anyone have any ideas?

Thanks, 73 de Bill K4JYS

11379. Re: [AWA Group] Dating a National SW-3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-28 02:27:10 UTC
From: Roger Kuchera
Topic: 11378 Message: 11379

Hi Bill, Over the years I have owned 4 of the little beauties. I believe that the earliest are referredto as Type 1. The lift for the lid is flat with no indentation for a your thumb/finger on the Type1. I don't recall the tube compliment.
  Big hint: The ground lugs are riveted and can present ratty grounding after all these years.Clean them up as best as you can and try and sweat them to the chassis with a hefty iron.
Make sure the posts where the grid clips go (when using the BS coils) are clean and notpainted.
  Once you get the hang of them the SW-3 is a delightful radio.
Roger/K1TG

On Wednesday, May 27, 2015 5:42 PM, "Bill Stewart cwopr@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv2006297840 #yiv2006297840 .yiv2006297840ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv2006297840 div.yiv2006297840ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv2006297840 div.yiv2006297840photo-title a, #yiv2006297840 div.yiv2006297840photo-title a:active, #yiv2006297840 div.yiv2006297840photo-title a:hover, #yiv2006297840 div.yiv2006297840photo-title a:visited {text-decoration:none;}#yiv2006297840 div.yiv2006297840attach-table div.yiv2006297840attach-row {clear:both;}#yiv2006297840 div.yiv2006297840attach-table div.yiv2006297840attach-row div {float:left;}#yiv2006297840 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv2006297840 div.yiv2006297840ygrp-file {width:30px;}#yiv2006297840 div.yiv2006297840attach-table div.yiv2006297840attach-row div div a {text-decoration:none;}#yiv2006297840 div.yiv2006297840attach-table div.yiv2006297840attach-row div div span {font-weight:normal;}#yiv2006297840 div.yiv2006297840ygrp-file-title {font-weight:bold;}#yiv2006297840 --> #yiv2006297840 p {margin:0;}

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Anyone have any ideas?

Thanks, 73 de Bill K4JYS

11380. Re: Dating a National SW-3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-28 02:33:42 UTC
From: dulmagedon@...
Topic: 11378 Message: 11380

Wow that sounds like a lot of fun!
don

11381. Re: [AWA Group] Re: '43/'43 BB SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-28 02:37:35 UTC
From: dulmagedon@...
Topic: 11354 Message: 11381

Well the rig is getting out. I just came home and went down to the shack firing up the rig on 3561. After the warm up I sent a "QRL?" and got an instant "dit dit" reply. I took that for a "yes it is in use." Listened for a bit and tried to copy but they were far too fast for me and I could only hear one side..
don

11382. Re: Dating a National SW-3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-28 21:25:18 UTC
From: JAMES HANLON
Topic: 11378 Message: 11382

Bill,

From your description of the tubes and the coils, it looks like you have a Model I SW-3. This was the first version that came out in 1931 and was built as far as I can tell until 1933 or 1934 - or perhaps until 1936 if you believe Bill Orr. The main Model I version intended for AC power used a 35/35/27 tube lineup, all with 2.5 volt filaments. There was a variant intended for 6 volt DC filament power, probably in mobile service, that used a 36/36/37 lineup, and a dry-battery version with 1.4 volt tubes using a 30/30/32 lineup. All of the Model I radios used the 10 and 20 series coils. The Model I SW-3s are pretty scarce.

The Model II came out in 1933, 34, or 36 depending upon whom you believe. It used either 58/58/27 tubes with 2.5 volt filaments or 6D6, 6D6, 76 tubes with 6.3 volt filaments. The coils for this model are numbered from 60 to 72. Most of the SW-3s you find these days are Model IIs.

The Model III came out in 1941. It used either a 6J7G/6J7G/6C5G lineup or a 1N5G/1N5G/1A5G tube lineup. Coils were numbered from 30 to 42. Relatively few Model IIIs were made, and they are also scarce.

A couple of articles you might enjoy are, "The Year is 1931. National Radio introduces the SW-3 All-Wave Receiver," by William I. Orr, W6SAI, CQ, July 1971, pages 34 to 38, 94, 96; "The National SW-3 or, The Quintessential Regenerative Receiver," by Jim Hanlon, W8KGI, Electric Radio Magazine #52, August 1993, pages 10 to 14, 33. I can scan copies of these articles for you and a copy of the SW-3 manual if you send me your email address to w8kgi@... .

I'm sure you will enjoy your SW-3. 73,

Jim Hanlon, W8KGI

11383. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-29 10:49:25 UTC
From: Louis Vermond
Topic: 130 Message: 11383

http://www.ebay.com/itm/Vintage-1937-NOS-Utah-Radio-Products-Utah-Jr-UAT-HAM-Tube-Radio-Transmitter-/231576672773?

11384. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-29 15:08:57 UTC
From: Roger Kuchera
Topic: 130 Message: 11384

To all hands: Please note that the Antenna and Oscillator nameplates are reversed!! The oscillator tuning shouldbe on the left and antenna tuning on the right. The pilot light jewel is non-standard.
Roger/K1TG

On Friday, May 29, 2015 6:49 AM, "Louis Vermond ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv6441975661 #yiv6441975661 .yiv6441975661ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv6441975661 div.yiv6441975661ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv6441975661 div.yiv6441975661photo-title a, #yiv6441975661 div.yiv6441975661photo-title a:active, #yiv6441975661 div.yiv6441975661photo-title a:hover, #yiv6441975661 div.yiv6441975661photo-title a:visited {text-decoration:none;}#yiv6441975661 div.yiv6441975661attach-table div.yiv6441975661attach-row {clear:both;}#yiv6441975661 div.yiv6441975661attach-table div.yiv6441975661attach-row div {float:left;}#yiv6441975661 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv6441975661 div.yiv6441975661ygrp-file {width:30px;}#yiv6441975661 div.yiv6441975661attach-table div.yiv6441975661attach-row div div a {text-decoration:none;}#yiv6441975661 div.yiv6441975661attach-table div.yiv6441975661attach-row div div span {font-weight:normal;}#yiv6441975661 div.yiv6441975661ygrp-file-title {font-weight:bold;}#yiv6441975661 -->

http://www.ebay.com/itm/Vintage-1937-NOS-Utah-Radio-Products-Utah-Jr-UAT-HAM-Tube-Radio-Transmitter-/231576672773?

11385. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-29 18:23:08 UTC
From: dulmagedon@...
Topic: 130 Message: 11385

With Bills SW3 and that for a transmitter it would be an awesome station!
don
3561kcs testing

11386. Re: [AWA Group] Re: '43/'43 BB SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-29 19:31:07 UTC
From: dulmagedon@...
Topic: 11354 Message: 11386

I was down testing on 3561kcs with the 43 rig nd getting nowhere. Just to my right is my homebrew twin 811A amp so I decided to try the 43 on the amp. No issues, They like each other. A simple switch to 80 meter settings, a quick tune on the light bulb dummy and I was in business. Looks like around 60 watts approx.
Works nicely on it but still no joy.
don

11387. Dating a National SW-3 - - Update

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-30 17:14:49 UTC
From: Bill Stewart
Topic: 11387 Message: 11387

GA all,
Here is an update on my SW-3. Thanks for the comments and esp. to Jim,.
W8KGI, for the specific info I was looking. Going by the tube lineup in the
rcvr I have, looks like it is an early version....possibly as early as 1931. There
are a few other identifiers that are a bit different than the early model, but
I think the tube lineup in this one pretty much nails it down to the above
date/area. I have been playing with it on 40m (had 13A BS coils on hand)
and its a hoot to use. This morning I made my first 40m QSO using the SW-3
and it worked just fine. As usual with regens, it does have a few quirks, but
I will get used to them with use. Yesterday, I received the 80m BS coils
(64A) and plugged them in this morning. They seem to work ok, at least I
am copying a few 80m SSB stns and our TV switching P/S noise. I will try
it out on 80m CW later this evening. Hopefully I won't have to do any coil
trimming on the 64A coils. The RF gain pot (LH side) works very nicely.
I have been putting the 'Readability' adjustment around the middle of the range.
I am using a pretty long antenna, so sigs can be very strong and some overloading
will occur. An adjustment of one, two or all three of the controls will reduce that
problem.
At least with this SW-3, varying the controls will move the frequency around some.
Oh, when I took the back cover off the RF gain pot to clean it, I was intrigued
by its construction. Internally, on the outside rim of the pot is the resistance element,
next
toward the inside, is a springy type shinny metal ring which is pressed up against the
resistance element by a little insulated plunger which is attached to the shaft and
goes around the ID of the metal ring, pressing it against the resistance element
as the shaft is rotated....neat design and probably cuts out the possible sparking...
and noise, you might get during adjustment of pots with the wiper directly on the element.

To Don: You are right, the Utah and SW-3 would make a great combo...wish I could
afford that Utah...bet it will go for a big price.

Back to regening....73 de Bill K4JYS

11388. Special day special deal, more NO 19 stuff.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-30 22:03:34 UTC
From: dulmagedon@...
Topic: 11388 Message: 11388

Today was a special day for me.It was at 1;20 AM this morning I officially qualified for Canada's "Cash for Life" program aka pension plan. I often wondered of I would actually make it so woke up and had a hot chocolate by myself to remeber the exact moment. Today she took me to the Ontario Regiment Tank Museum right beside the Oshawa Airport on the old WWII military base.. I didnt even know it existed till she saw a sign while returning on a bus trip. Today was Tank Day complete with a reenactment commemorating the battle for Arquino by the Canadians in may of 43 I believe. The tank Fury with which some will be familiar with from the movie resides here and was rolling around firing its guns along with several other military vehicles. Since my No 19 Wireless set is a tank radio used by the Canadians and clearly so identified I was hoping there would be a signals display. There were several no 19s on display in their appropriate vehicles as well as in the museum proper. I had taken my Hamfest VE3LYX clip on ID and popped it in place just in case. Go idea I met VA3HFB and VE3SIN at the signals display and had a great time chatting and trying some early CW field gear. Was asked about participating sometime with my No 19. I would be ok with that. In the flea market I met VE3SMF who had a bunch of later style noise cancelling mics for sale. Then I wandered outside. At the second table on the ground in a standard Ammo box I saw a couple of real honest to goodness No 19 mics complete with cords and plugs. There was other stuff in there as well. I called the vendor over nd mde a deal to buy the whole box on the spot. I paid more then I wanted but siting here now I have three complete proper no 19 WS microphones one of which also has the big original earphones and cabling .A set of NOS earphone pads for the above (no 19s do not use a carbon mic but a moving coil mic so these things are now difficult to find and I have been making do to date.) Two mics like the WWII carbon ones Lou and I use for "you know what". One with its cable and plug and one without. A spare parts box makes No 19 in WWII stencil but empty. A complete jeep dynomotor cabling and jones style two prong plug (I have a Dynamotor that will fit this.) Three 12 pin PSU dogbones. A B set VHF antenna in rough condition. A switching block of some kind with wiring and of course the big old Ammo box besides. I think I will keep the earphone and mic assembly and one of the hand carbon mics as well and flog the rest for gold to help finance my radio addiction. I had given up ever finding the dogbones or a real proper No 19 mic. Been a good birthday thanks to a great XYL.
don

11389. Re: [AWA Group] Dating a National SW-3 - - Update

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-31 18:23:43 UTC
From: Roger Kuchera
Topic: 11387 Message: 11389

Hi Bill, Quirks! :) :) Welcome to the wonderful world of SW-3s. Mine will hear anything that the multi-buckrice burner, I have, will.

Sometimes, the later coils (so-called Universal Model) need a extra turn or two to work with theolder SW-3s. The later model used higher gain tubes thus need fewer tickler turns.

I'm still trying to figure how to get the coupling link on my UTAH Jr. to give me decent loading. Iwired my Antenna cap in series with the link for low-Z output. Yes, indeed that would be first-classcombination.
Roger/K1TG

On Saturday, May 30, 2015 1:14 PM, "Bill Stewart cwopr@embarqmail.com [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv7317290685 #yiv7317290685 .yiv7317290685ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv7317290685 div.yiv7317290685ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv7317290685 div.yiv7317290685photo-title a, #yiv7317290685 div.yiv7317290685photo-title a:active, #yiv7317290685 div.yiv7317290685photo-title a:hover, #yiv7317290685 div.yiv7317290685photo-title a:visited {text-decoration:none;}#yiv7317290685 div.yiv7317290685attach-table div.yiv7317290685attach-row {clear:both;}#yiv7317290685 div.yiv7317290685attach-table div.yiv7317290685attach-row div {float:left;}#yiv7317290685 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv7317290685 div.yiv7317290685ygrp-file {width:30px;}#yiv7317290685 div.yiv7317290685attach-table div.yiv7317290685attach-row div div a {text-decoration:none;}#yiv7317290685 div.yiv7317290685attach-table div.yiv7317290685attach-row div div span {font-weight:normal;}#yiv7317290685 div.yiv7317290685ygrp-file-title {font-weight:bold;}#yiv7317290685 --> #yiv7317290685 p {margin:0;}

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and noise, you might get durin! g adjustment of pots with the wiper directly on the
element.

To Don: You are right, the Utah and SW-3 would make a great combo...wish I could
afford that Utah...bet it will go for a big price.

Back to regening....73 de Bill K4JYS

11390. Re: [AWA Group] Dating a National SW-3 - - Update

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-05-31 23:12:03 UTC
From: Bill Stewart
Topic: 11387 Message: 11390

Hi Roger,
So far have only had experience with two regens, the SW-3 and the one tuber
from 1935 RADIO using the '19 tube. I was pleasantly surprised at how
sensitive they were. I believe my SW-3 may be one of the early versions and
am using the 64A coils for 80m which worked just fine. Am using the 13A set
for 40m. Good luck with the Utah and look forward to hearing that nice station
on the air....73 de Bill K4JYS

----- Original Message -----

From: "Roger Kuchera rwkuchera@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Sunday, May 31, 2015 2:23:43 PM
Subject: Re: [AWA Group] Dating a National SW-3 - - Update

Hi Bill,
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rice burner, I have, will.

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I'm still trying to figure how to get the coupling link on my UTAH Jr. to give me decent
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To Don: You are right, the Utah and SW-3 would make a great combo...wish I could afford that Utah...bet it will go for a big price.

Back to regening....73 de Bill K4JYS

11391. Re: [AWA Group] Dating a National SW-3 - - Update

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-01 01:50:19 UTC
From: dulmagedon@...
Topic: 11387 Message: 11391

My sentiments are similar to Roger's " Mine will hear anything that the multi-buck rice burner, I have, will."
Despite what you might think I NEVER felt using the regen was a handicap when operating. I always knew I could hear more and could sort it out usually from the different pitch. It required far less antenna so I could use a Rx only antenna eliminating relays switching etc etc. I have currently 7 regens operational. I am sure your SW3 s that is both of you are more the up to the job of a QSO , SSB, AM or CW.
don

11392. Re: [AWA Group] Dating a National SW-3 - - Update

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-01 16:23:56 UTC
From: Roger Kuchera
Topic: 11387 Message: 11392

Amen!
Roger/K1TG

On Sunday, May 31, 2015 9:50 PM, "dulmagedon@yahoo.ca [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:

<!--#yiv8740118649 #yiv8740118649 .yiv8740118649ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv8740118649 div.yiv8740118649ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv8740118649 div.yiv8740118649photo-title a, #yiv8740118649 div.yiv8740118649photo-title a:active, #yiv8740118649 div.yiv8740118649photo-title a:hover, #yiv8740118649 div.yiv8740118649photo-title a:visited {text-decoration:none;}#yiv8740118649 div.yiv8740118649attach-table div.yiv8740118649attach-row {clear:both;}#yiv8740118649 div.yiv8740118649attach-table div.yiv8740118649attach-row div {float:left;}#yiv8740118649 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv8740118649 div.yiv8740118649ygrp-file {width:30px;}#yiv8740118649 div.yiv8740118649attach-table div.yiv8740118649attach-row div div a {text-decoration:none;}#yiv8740118649 div.yiv8740118649attach-table div.yiv8740118649attach-row div div span {font-weight:normal;}#yiv8740118649 div.yiv8740118649ygrp-file-title {font-weight:bold;}#yiv8740118649 --> <!--#yiv8740118649 #yiv8740118649ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv8740118649 #yiv8740118649ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv8740118649 #yiv8740118649ygrp-mkp #yiv8740118649hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv8740118649 #yiv8740118649ygrp-mkp #yiv8740118649ads {margin-bottom:10px;}#yiv8740118649 #yiv8740118649ygrp-mkp .yiv8740118649ad {padding:0 0;}#yiv8740118649 #yiv8740118649ygrp-mkp .yiv8740118649ad p {margin:0;}#yiv8740118649 #yiv8740118649ygrp-mkp .yiv8740118649ad a {color:#0000ff;text-decoration:none;}-->

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don

11393. Re: [AWA Group] Dating a National SW-3 - - Update

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-02 03:14:00 UTC
From: dulmagedon@...
Topic: 11387 Message: 11393

Just when I thought I was done with commercially built stuff other then WW2 military radios I have been bitten by the "I need an old Shortwave regen bug." In my minds eye there is one I saw pic of as a kid that had a long central plastic pointer and was a regen. might have been a lafeyette or a knight kit but I have been thinking of it all day as I worked on the no 19 (fixing and installing the extras I bought Saturday at Tank Day) I could do a clone. I have a vernier like the National SW series although the dial is a bit rough.I am thinking. The DX60B and it matching receiver have to leave the shack so I am selling them. A small commercially made regen would fit right in. I have a Starr , pre 1920 but it is for broadcast band. I also thought of breadboarding one to match my 6l6 breadboard transmitter .Probably with a 6C8. Anyway look what you started Bill!
don
(I told someone recently I had 7 regens already . I lied . Actually 8)

11394. Re: [AWA Group] Dating a National SW-3 - - Update

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-02 13:38:30 UTC
From: wn2ami@...
Topic: 11387 Message: 11394

Has anyone used a better HF regen than the SW-3 ? Homebrew or commercial?
bob...w2ami x wn2ami 1962

11395. Re: [AWA Group] Dating a National SW-3 - - Update

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-02 13:58:05 UTC
From: Larry Szendrei
Topic: 11387 Message: 11395

On 6/2/2015 9:38 AM, wn2ami@... [AWAGroup] wrote:
>
> Has anyone used a better HF regen than the SW-3 ? Homebrew or commercial?
>
> bob...w2ami x wn2ami 1962
>
>
Yes!!! The marine RAL receiver makes the SW-3 look like a toy, in the same way the SW-3 makes just about all other regens look like toys. (My experience; YMMV).

73,
-Larry/NE1S

11396. RE: [AWA Group] Dating a National SW-3 - - Update

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-02 14:15:59 UTC
From: Mike Feher
Topic: 11387 Message: 11396

Of course, the RAL (and it's low frequency sister the RAK) is Navy WWII vintage, so, considerably newer, and, substantially larger and heavier than the SW-3. There are also some RCA Radiomarine regens from the mid 30's that are excellent, along with a few MacKay Radio Marine, like the model 128 WWII regen.

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, June 02, 2015 9:58 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Dating a National SW-3 - - Update

On 6/2/2015 9:38 AM, wn2ami@... [AWAGroup] wrote:

Has anyone used a better HF regen than the SW-3 ? Homebrew or commercial?

bob...w2ami x wn2ami 1962

Yes!!! The marine RAL receiver makes the SW-3 look like a toy, in the same way the SW-3 makes just about all other regens look like toys. (My experience; YMMV).

73,
-Larry/NE1S

11397. Re: [AWA Group] Special day special deal, more NO 19 stuff.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-02 14:28:38 UTC
From: Louis Vermond
Topic: 11388 Message: 11397

Happy birthday, Ron. Lou

11398. Re: [AWA Group] Dating a National SW-3 - - Update

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-02 14:33:13 UTC
From: Garey Barrell
Topic: 11387 Message: 11398

Don -

You might want to take a look at the REGENRX list on Yahoo Groups. Lots of like minded individuals, and LOT of expertise, kinda like here!.

73, Garey - K4OAH
Rome, GA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

dulmagedon@... [AWAGroup] wrote:
>
>
> Just when I thought I was done with commercially built stuff other then WW2 military radios I
> have been bitten by the "I need an old Shortwave regen bug." In my minds eye there is one I
> saw pic of as a kid that had a long central plastic pointer and was a regen. might have been a
> lafeyette or a knight kit but I have been thinking of it all day as I worked on the no 19
> (fixing and installing the extras I bought Saturday at Tank Day) I could do a clone. I have a
> vernier like the National SW series although the dial is a bit rough.I am thinking. The DX60B
> and it matching receiver have to leave the shack so I am selling them. A small commercially
> made regen would fit right in. I have a Starr , pre 1920 but it is for broadcast band. I also
> thought of breadboarding one to match my 6l6 breadboard transmitter .Probably with a 6C8.
> Anyway look what you started Bill!
> don
> (I told someone recently I had 7 regens already . I lied . Actually 8)
>
>

11399. Re: [AWA Group] Dating a National SW-3 - - Update

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-02 21:53:10 UTC
From: dulmagedon@...
Topic: 11387 Message: 11399

Thanks Garey, I have been a member there for many years.
My all time favourite regen is the 6sn7 twinplex. My least favourite is the Powerhouse Receiver. Most fun build was the POW Radio built literally from garbage from the local dump including a thrown out thought to be defective I guess 56 tube and a busted 1/2 of an earphone set.You can hear it on You tube running for the first time using garbage dump batteries for power. I have built several Hartley based regens and several of Armstrongs (tickler coil) as well. As well as my VLF regen which I forgot to count. I am very curious about the SW-3 circuit . Anyone have schematic? When I was just into my teens I built 12ax7 one that was a good performer and in my late twenties rebuilt a version of it which I gave to my niece. Both the original and the replacement worked well but that is too new a tube for us here. I have never built a colpitts regen.
I have a twin 01A Armstrong running today beside my 6l6 1943 transmitter. It is my own design as are many I have or have had. I started on the breadboard regen today . Sockets are mounted , coil forms are located. May have to buy the variable caps as I don't have any single gang ones left unused. While I don't have a 6c8g tube as per the 1943 ARRL book I will use a 6sn7 most likely. That requires no circuit changes. This is good discipline for me to build by the book as I usually free build with no schematic or article. Tis good to tow the mark now and then. Make no mistake. I love regens! Even built them with no variable tuning cap. I like pot regen control but good pots are hard to find so I have built them with throttle caps as well. Which method does the Sw-3 use?
don

11400. Re: [AWA Group] Dating a National SW-3 - - Update

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-03 01:59:47 UTC
From: Garey Barrell
Topic: 11387 Message: 11400
Attachments: 5 described; binary payloads are missing from this source WARC

Don -

OK, I guess I coulda' looked at the member list first!!!!

I've attached a couple of docs re the SW-3. I have lots more. I have 1-1/2 SW-3s, and I love
them. They are everything you hear about SW-3s!

Regeneration is controlled by adjusting the Screen voltage of the Detector, not throttle cap.

I was always a fan of the Twinplex until I got an SW-3... :-)

I think the real keys are nothing secret, VERY rigid construction, and excellent shielding make
the difference. My Model II is the complete one, and it is fantastic. I have a Model I, but the attenuator pot is broken, and a couple of other fairly minor problems. It's packed away from the move, but 'someday'.

There are some good videos on You Tube of the SW-3 in action.

If you would like more information, lemme know, I have lots more.

73, Garey - K4OAH
Rome, GA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

dulmagedon@... [AWAGroup] wrote:
>
>
> Thanks Garey, I have been a member there for many years.
> My all time favourite regen is the 6sn7 twinplex. My least favourite is the Powerhouse
> Receiver. Most fun build was the POW Radio built literally from garbage from the local dump
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> set.You can hear it on You tube running for the first time using garbage dump batteries for
> power. I have built several Hartley based regens and several of Armstrongs (tickler coil) as
> well. As well as my VLF regen which I forgot to count. I am very curious about the SW-3
> circuit . Anyone have schematic? When I was just into my teens I built 12ax7 one that was a

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> the original and the replacement worked well but that is too new a tube for us here. I have
> never built a colpitts regen.
> I have a twin 01A Armstrong running today beside my 6l6 1943 transmitter. It is my own design
> as are many I have or have had. I started on the breadboard regen today . Sockets are mounted
> , coil forms are located. May have to buy the variable caps as I don't have any single gang
> ones left unused. While I don't have a 6c8g tube as per the 1943 ARRL book I will use a 6sn7
> most likely. That requires no circuit changes. This is good discipline for me to build by the
> book as I usually free build with no schematic or article. Tis good to tow the mark now and
> then. Make no mistake. I love regens! Even built them with no variable tuning cap. I like pot
> regen control but good pots are hard to find so I have built them with throttle caps as well.
> Which method does the Sw-3 use?
> don

11401. Re: [AWA Group] Dating a National SW-3 - - Update

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-03 02:04:07 UTC
From: Garey Barrell
Topic: 11387 Message: 11401

Sorry guys..... I know better, just past my bedtime, obviously

73, Garey - K4OAH
Rome, GA

> Thanks Garey, I have been a member there for many years.
> My all time favourite regen is the 6sn7 twinplex. My least favourite is the Powerhouse
> Receiver. Most fun build was the POW Radio built literally from garbage from the

11402. RE: [AWA Group] Dating a National SW-3 - - Update

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-03 02:21:24 UTC
From: Mike Feher
Topic: 11387 Message: 11402

Know better than what. All this good info in one place is welcome. Thanks for posting it Garey. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, June 02, 2015 10:04 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Dating a National SW-3 - - Update

Sorry guys..... I know better, just past my bedtime, obviously

73, Garey - K4OAH
Rome, GA

> Thanks Garey, I have been a member there for many years.
> My all time favourite regen is the 6sn7 twinplex. My least favourite is the Powerhouse
> Receiver. Most fun build was the POW Radio built literally from garbage from the

11403. RE: [AWA Group] Dating a National SW-3 - - Update

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-03 10:48:02 UTC
From: dulmagedon@...
Topic: 11387 Message: 11403

Thanks Garey. Quite an exotic regen. I used screen regen control in my VLF (twin 6v6) regen. It is a lot easier on the pot and is smooth. I was looking at the schematic and realized I have everything including the tubes (2.5 volters) and the front vernier dial. If I had Lou's skills as a craftsmen I would make a clone. I also appreciate the post. Thanks. Maybe I could trade my green AM station for one somewhere. (DX60B HR10B) since I no longer use it.
don

11404. Re: [AWA Group] Dating a National SW-3 - - Update

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-03 13:12:56 UTC
From: Larry Szendrei
Topic: 11387 Message: 11404

Ditto!

73,
-Larry/NE1S

On 6/2/2015 10:21 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Know better than what. All this good info in one place is welcome.
> Thanks for posting it Garey. 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Tuesday, June 02, 2015 10:04 PM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* Re: [AWA Group] Dating a National SW-3 - - Update
>
> Sorry guys..... I know better, just past my bedtime, obviously
>
> 73, Garey - K4OAH
> Rome, GA
>

11405. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-03 14:15:27 UTC
From: Louis Vermond
Topic: 130 Message: 11405

http://www.ebay.com/itm/ANTIQUE-PILOT-SUPER-WASP-RADIO-/131526659688?pt=LH_DefaultDomain_0&hash=item1e9f998e68

http://www.ebay.com/itm/ANTIQUE-SET-OF-4-BAKELITE-DETECTOR-COILS-601-D-MADE-BY-PILOT-FOR-SUPER-WASP-KIT-/141681887490?pt=LH_DefaultDomain_0&hash=item20fce60902

11406. Re: [AWA Group] Dating a National SW-3 - - Update

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-03 14:33:06 UTC
From: Larry Szendrei
Topic: 11387 Message: 11406

On 6/2/2015 10:15 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Of course, the RAL (and it’s low frequency sister the RAK) is Navy
> WWII vintage, so, considerably newer, and, substantially larger and
> heavier than the SW-3. There are also some RCA Radiomarine regens from
> the mid 30’s that are excellent, along with a few MacKay Radio Marine,
> like the model 128 WWII regen.
>
>
It's my understanding that the RAL is a 1936 design (by Hazeltine), and
the SW-3 is 1931, so the RAL is 5 years newer. Also, the markets they
were designed to satisfy were completely different, and the customers
for the RAL had deeper pockets than most of those for the SW-3.

73,
-Larry/NE1S

11407. eBay Alert ... OTBs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-04 11:29:56 UTC
From: Louis Vermond
Topic: 11407 Message: 11407

http://www.ebay.ca/itm/Group-of-50-AWA-OTB-Old-Timers-Bulletins-Sept-1976-through-1987-Complete-/131525863899?pt=LH_DefaultDomain_0&hash=item1e9f8d69db

11408. 1943 loaf

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-04 19:14:57 UTC
From: dulmagedon@...
Topic: 11408 Message: 11408
Attachments: 1 described; binary payloads are missing from this source WARC

I m calling this my 1943 loaf since it is all breadboard. Receiver is close to being done perhaps an hour more.
don
PS There is a theme building here I didn't expect. My ARC 5s are both from 1943 as is my No 19 Wireless Set. Come to think of it so is the XYL ;>)

11409. 1943 loaf

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-04 19:56:04 UTC
From: Louis Vermond
Topic: 11408 Message: 11409
Attachments: 1 described; binary payloads are missing from this source WARC

Well done, OM....

11410. Re: eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-04 20:23:02 UTC
From: wn2ami@...
Topic: 130 Message: 11410

Doesn't that have an extra knob top and center where the wasp symbol should be?.
I've seen others with the same mod. What is the purpose/reason?
bob...w2ami x wn2ami 1962

11411. Mighty MidWest Glow Worms

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-06 00:26:40 UTC
From: Louis Vermond
Topic: 11411 Message: 11411
Attachments: 1 described; binary payloads are missing from this source WARC

From Dave, WA8DOF's QRZ.COM bio.

I am also a proud member of the Mighty MidWest Glow Worms and try to check into the MWGW Net on 3563 at 8:00 AM (Central time)Saturday mornings. If you are a CW operator and appreciate "vintage sounding" gear, please join us.

Hi Dave,

How many of the group operate power oscillator rigs such as your Hartley?

Also, what is propagation like at that time of the day?

73, Lou
VE3AWA

Dave's Reply:

You never know what rigs will show up on any given Saturday. Harold (KB0ROB) and Russ (W0CWU) generally run Hartley oscillators in a MOPA configuration, (usually 80 to 100 watts) with a variety of tubes. Harold has been known to use a 211, an 810, an 801A, a type 10, and several military tubes whose "VT" number escapes me at the moment. Most of the guys put their Hartleys and TNT s away for the summer, and use something with a little more power.

Mark (KI0DB) has run everything from an acorn tube to an 811 in his Hartley oscillator.

Most net members are AWA members and participate in the BK and other AWA events, so all of us like to hear a little chirp now and then. In fact, some of the signals sound down right shameful! Just the way we like it!

There will also be some Heath, Johnson, EICO, Drake, Home brew, surplus military gear, Harvey Wells, and even a rice box or two. I have been running Mr. Ugly lately (see photo below). (Mr Ugly is a junk box special, built on a piece of plywood and using whatever I could scrounge up. He runs about 50 watts out.)

Several of us also use Regen receivers.

Propagation is generally good between me (Michigan UP) and Wisconsin and Minnesota, although it gets a little tougher in the summer. In the winter months, many of us get along fine with 10 to 30 watts, and some guys check in with their Hartleys at less than 10 watts. I do the NCS thing on the 4 th Saturday, and have always been able to hear everyone. We have one member in South Dakota, and he is a little tough (for me) to copy at times, but he generally runs about 30 watts.

If you are around the shack some Saturday (9:00 AM our time) why not join us? We are a friendly bunch and always glad to have new members. Attendance is a little down during the busy summer months (in fact I will miss the net next Saturday due to family events), but

should pick up later.

Hope to CU there.

11412. Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-06 00:38:32 UTC
From: Mike Feher
Topic: 11412 Message: 11412

Here is a nice amplifier tube for your 29 vintage rigs. 73 - Mike

http://www.ebay.com/itm/151702832433

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

11413. Re: [AWA Group] Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-06 00:59:57 UTC
From: Louis Vermond
Topic: 11412 Message: 11413
Attachments: 1 described; binary payloads are missing from this source WARC

Sigh...

11414. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-06 01:25:52 UTC
From: Louis Vermond
Topic: 130 Message: 11414

http://www.ebay.com/itm/VERY-NICE-HEATHKIT-AT-1-TRANSMITTER-VF-1-VFO-receiver-ham-vintage-radio-/301648988867?pt=LH_DefaultDomain_0&hash=item463bae4ac3

11415. Windom & Counterpoise Info Sites

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-06 21:09:24 UTC
From: Louis Vermond
Topic: 11415 Message: 11415

http://hamwaves.com/cl-ocfd/history.html

http://www.antennex.com/shack/Dec06/cps.html

11416. Re: [AWA Group] Windom & Counterpoise Info Sites

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-06 21:57:28 UTC
From: Bill Stewart
Topic: 11415 Message: 11416

Tnx Lou for the refs. I had not seen the first one you listed.
I have been using the '1929' version since around 2000 when I
made my first AWA-BK rig, the TNT. The off ctr fed hertz was the
recommended antenna for that TNT. Mine is cut for 80m and I use
it also on 40 and a few times on 20. I went pretty much by the charts
and never have tried the various ways of checking for the swr values.
The Frank Jones Antenna Handbook also has a page or so devoted to
this antenna. I guess it works...over the yrs have worked W6 on 80,
VE7 on 80 & 40 and a few other 7s during various BK events. I
even strung one up for 160m (at 30ft high) to use with the Meissner.
I made contacts with it but the coax fed inv. L sure works better.
73 de Bill K4JYS

----- Original Message -----

From: "Louis Vermond ldvermond@sympatico.ca [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Sent: Saturday, June 6, 2015 5:09:24 PM
Subject: [AWA Group] Windom & Counterpoise Info Sites

http://hamwaves.com/cl-ocfd/history.html

http://www.antennex.com/shack/Dec06/cps.html

11417. RE: [AWA Group] Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-07 04:36:31 UTC
From: Mike Feher
Topic: 11412 Message: 11417
Attachments: 1 described; binary payloads are missing from this source WARC

Why "sigh"? 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, June 05, 2015 9:00 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Ebay alert -

Sigh...

11418. Re: [AWA Group] Windom & Counterpoise Info Sites

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-07 05:02:24 UTC
From: dulmagedon@...
Topic: 11415 Message: 11418

I use an end fed 1/2 wave (on 80M) No cp . It is however the most effective antenna I have had at this QTH for 40m or 80m.I have a 80M 40M inverted VEE but it just works and that is about all one can say for it. Could just be my geography or something. On 20M I use a real Marconi (1/4 wave vertical directly over a ground rod fed with rg58.) It is also very effective even for DXing. I see a lot of theories a reasons and simulations however I now go with what actually works. I moved here in 86 and brought my tower and A3 beam here and installed it. It had been a great antenna ten lots down the same street but I never made a QSo with it here no once ever. I sold it to a contestor of some note and he was happy. I used an inverted l for sometime with decent results but from the second I put the 1/2 wave endfed single wire in the trees it has been a boon to this station. I have even moved it twice when the tree cracked and when it came down once but it still does a good job. A Ham over on Big Island has a Windom up and I have been meaning to go over and have a look. Why thisQTH is so difficult I dont know. could be soil conditions or something. I was effectively out of the hobby till I dealt with it. So wire antenna stuff is of great interest to me. Simpler the better. At the old QTH I did have a HB phased array 10M vertical system working for a few years. That was fun but I was much younger and more ambitious.
On my bucket list though I have a 40M Marconi written down. I think it would be interesting to try.
Don

11419. Re: [AWA Group] Windom & Counterpoise Info Sites

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-07 10:23:47 UTC
From: Louis Vermond
Topic: 11415 Message: 11419

Tnx Lou for the refs. I had not seen the first one you listed.
I have been using the '1929' version since around 2000 when I
made my first AWA-BK rig, the TNT. The off ctr fed hertz was the
recommended antenna for that TNT. Mine is cut for 80m and I use
it also on 40 and a few times on 20. I went pretty much by the charts
and never have tried the various ways of checking for the swr values.
The Frank Jones Antenna Handbook also has a page or so devoted to
this antenna. I guess it works...over the yrs have worked W6 on 80,
VE7 on 80 & 40 and a few other 7s during various BK events. I
even strung one up for 160m (at 30ft high) to use with the Meissner.
I made contacts with it but the coax fed inv. L sure works better.
73 de Bill K4JYS

GM Bill and all,

Your capacitance antenna fed TNT into a Windom was always impressed me. Hat off to you...

73, Lou

11420. Re: [AWA Group] Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-07 10:35:41 UTC
From: N1BUG
Topic: 11412 Message: 11420
Attachments: 1 described; binary payloads are missing from this source WARC

Why ?sigh?? 73 ? Mike

I was wondering the same thing.

One of these days I have got to get around to building a circuit to test my UX-860. Does anyone know if the UX-860 was date coded in any way? Apparently UC-210s were, though I've lost track of the info I was sent on that.

73,
Paul

?

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

?

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, June 05, 2015 9:00 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Ebay alert -

?

?

Sigh...

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

11421. Re: [AWA Group] Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-07 10:49:45 UTC
From: Louis Vermond
Topic: 11412 Message: 11421
Attachments: 2 described; binary payloads are missing from this source WARC

Why “sigh”?

Resent purchase...

11422. RE: [AWA Group] Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-07 12:47:20 UTC
From: Mike Feher
Topic: 11412 Message: 11422
Attachments: 2 described; binary payloads are missing from this source WARC

Splurge -" you only live twice". 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, June 07, 2015 6:50 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Ebay alert -

Why "sigh"?

Resent purchase...

11423. Re: [AWA Group] Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-07 12:58:23 UTC
From: Roger Kuchera
Topic: 11412 Message: 11423
Attachments: 2 described; binary payloads are missing from this source WARC

When you turn on the filaments of this beauty....it lights up the room! It looks like somethingfrom an old Buck Rogers movie. You remember (?) with Dr. Zarkoff and Ming the Merciless.
Roger/K1TG

On Sunday, June 7, 2015 8:47 AM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv0361575616 #yiv0361575616 .yiv0361575616ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv0361575616 div.yiv0361575616ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv0361575616 div.yiv0361575616photo-title a, #yiv0361575616 div.yiv0361575616photo-title a:active, #yiv0361575616 div.yiv0361575616photo-title a:hover, #yiv0361575616 div.yiv0361575616photo-title a:visited {text-decoration:none;}#yiv0361575616 div.yiv0361575616attach-table div.yiv0361575616attach-row {clear:both;}#yiv0361575616 div.yiv0361575616attach-table div.yiv0361575616attach-row div {float:left;}#yiv0361575616 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv0361575616 div.yiv0361575616ygrp-file {width:30px;}#yiv0361575616 div.yiv0361575616attach-table div.yiv0361575616attach-row div div a {text-decoration:none;}#yiv0361575616 div.yiv0361575616attach-table div.yiv0361575616attach-row div div span {font-weight:normal;}#yiv0361575616 div.yiv0361575616ygrp-file-title {font-weight:bold;}#yiv0361575616 --> <!--#yiv0361575616 _filtered #yiv0361575616 {font-family:Wingdings;panose-1:5 0 0 0 0 0 0 0 0 0;} _filtered #yiv0361575616 {font-family:"Cambria Math";panose-1:2 4 5 3 5 4 6 3 2 4;} _filtered #yiv0361575616 {font-family:Calibri;panose-1:2 15 5 2 2 2 4 3 2 4;} _filtered #yiv0361575616 {font-family:Tahoma;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv0361575616 {font-family:Consolas;panose-1:2 11 6 9 2 2 4 3 2 4;} _filtered #yiv0361575616 {font-family:Verdana;panose-1:2 11 6 4 3 5 4 4 2 4;}#yiv0361575616 #yiv0361575616 p.yiv0361575616MsoNormal, #yiv0361575616 li.yiv0361575616MsoNormal, #yiv0361575616 div.yiv0361575616MsoNormal {margin:0in;margin-bottom:.0001pt;font-size:12.0pt;font-family:"Times New Roman", "serif";}#yiv0361575616 a:link, #yiv0361575616 span.yiv0361575616MsoHyperlink {color:blue;text-decoration:underline;}#yiv0361575616 a:visited, #yiv0361575616 span.yiv0361575616MsoHyperlinkFollowed {color:purple;text-decoration:underline;}#yiv0361575616 p {margin-right:0in;margin-left:0in;font-size:12.0pt;font-family:"Times New Roman", "serif";}#yiv0361575616 code {font-family:"Courier New";}#yiv0361575616 pre {margin:0in;margin-bottom:.0001pt;font-size:10.0pt;font-family:"Courier New";}#yiv0361575616 tt {font-family:"Courier New";}#yiv0361575616 span.yiv0361575616cat {}#yiv0361575616 span.yiv0361575616ct {}#yiv0361575616 span.yiv0361575616HTMLPreformattedChar {font-family:Consolas;}#yiv0361575616 p.yiv0361575616attach, #yiv0361575616 li.yiv0361575616attach, #yiv0361575616 div.yiv0361575616attach

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#yiv0361575616 div.yiv0361575616bold
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"serif";color:#628C2A;}#yiv0361575616 p.yiv0361575616replbq, #yiv0361575616
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li.yiv0361575616underline, #yiv0361575616 div.yiv0361575616underline
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#yiv0361575616 li.yiv0361575616ad1, #yiv0361575616 div.yiv0361575616ad1
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"serif";}#yiv0361575616 p.yiv0361575616ad2, #yiv0361575616 li.yiv0361575616ad2,
#yiv0361575616 div.yiv0361575616ad2
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New Roman", "serif";}#yiv0361575616 p.yiv0361575616underline1, #yiv0361575616
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"serif";text-decoration:underline;}#yiv0361575616 span.yiv0361575616yshortcuts1
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"sans-serif";font-weight:normal;}#yiv0361575616 span.yiv0361575616EmailStyle36
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1.0in 1.0in 1.0in;}#yiv0361575616 div.yiv0361575616WordSection1 {}#yiv0361575616 _filtered
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#yiv0361575616 {font-family:Wingdings;}#yiv0361575616 ol
{margin-bottom:0in;}#yiv0361575616 ul {margin-bottom:0in;}-->

Splurge –“ you only live twice”. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, June 07, 2015 6:50 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Ebay alert -   Why “sigh”? Resent purchase...

11424. Re: [AWA Group] Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-07 13:02:27 UTC
From: dulmagedon@...
Topic: 11412 Message: 11424

I have a similar tube circuit here for a 140 watt Amplifier. My XYL who I think I will keep (45th ann yesterday) Asked me this morning about a book I had lost and was going to look for it. It was Lindsay Publications Twinplex Rx book and it had vanished. With in minutes she found it AND my long lost Hammarrlund Shortwave Manual 1939 which I haven't seen since probably the1980s. My Dad gave it to me as he had bought it in his youth just before he went off to join the RCAF in 39. He had kept it all those years and gave it to me about 1964. The second last project in the book is a 140 Watt Amp using a 808 triode. It is a pretty straight forward deal and is built breadboard style (no front panel open controls) although appears to be on a metal chassis. The 808 also has the top and side connections. On the following pages are two PSUs one for the Amp and one for the transmitters in the book which are all 6l6G based. The big PSU uses two ballon 866 tubes and the Transmitter uses an 83 . Both PSUs are on wood and would look good in any of our shacks.
don
She also found a reprint of How to Build A Neutrodyne (1924 was date originally published) and Technical Instructions for Wireless Telegraphists published in Sept 1915 which she found at a Libray disposal sale several years ago along with a copy of The Boys First Book of Radio and Electronics (Morgan's book). She just stuck her head in the shck and grinned saying "Its pretty quiet in here!"

11425. RE: [AWA Group] Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-07 13:14:28 UTC
From: Mike Feher
Topic: 11412 Message: 11425

Happy anniversary. The 808 is a neat tube. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, June 07, 2015 9:02 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Ebay alert -

I have a similar tube circuit here for a 140 watt Amplifier. My XYL who I think I will keep (45th ann yesterday) Asked me this morning about a book I had lost and was going to look for it. It was Lindsay Publications Twinplex Rx book and it had vanished. With in minutes she found it AND my long lost Hammarrlund Shortwave Manual 1939 which I haven't seen since probably the1980s. My Dad gave it to me as he had bought it in his youth just before he went off to join the RCAF in 39. He had kept it all those years and gave it to me about 1964. The second last project in the book is a 140 Watt Amp using a 808 triode. It is a pretty straight forward deal and is built breadboard style (no front panel open controls) although appears to be on a metal chassis. The 808 also has the top and side connections. On the following pages are two PSUs one for the Amp and one for the transmitters in the book which are all 6l6G based. The big PSU uses two ballon 866 tubes and the Transmitter uses an 83 . Both PSUs are on wood and would look good in any of our shacks.
don
She also found a reprint of How to Build A Neutrodyne (1924 was date originally published) and Technical Instructions for Wireless Telegraphists published in Sept 1915 which she found at a Libray disposal sale several years ago along with a copy of The Boys First Book of Radio and Electronics (Morgan's book). She just stuck her head in the shck and grinned saying "Its pretty quiet in here!"

11426. Re: [AWA Group] Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-07 15:48:54 UTC
From: K3PID
Topic: 11412 Message: 11426

After reading the new revised privacy policies for EBay and PayPal after the July 7th cutoff, I cancelled my membership in both! I suppose I'll miss out on some good stuff but they want to get even more annoying...

Just me!
Ron K3PID

From: mailto:AWAGroup@yahoogroups.com
Sent: Friday, June 05, 2015 7:38 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Ebay alert -

Here is a nice amplifier tube for your 29 vintage rigs. 73 – Mike

http://www.ebay.com/itm/151702832433

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

11427. RE: [AWA Group] Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-07 16:01:35 UTC
From: Mike Feher
Topic: 11412 Message: 11427

Ron –

I have not read it. Can you synopsize and let us know what is so bad about the new policy? I have been on there since 1997 and made close to 10,000 transactions, with very few problems. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, June 07, 2015 11:49 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Ebay alert -

After reading the new revised privacy policies for EBay and PayPal after the July 7th cutoff, I cancelled my membership in both! I suppose I'll miss out on some good stuff but they want to get even more annoying...

Just me!

Ron K3PID

From: mailto:AWAGroup@yahoogroups.com

Sent: Friday, June 05, 2015 7:38 PM

To: AWAGroup@yahoogroups.com

Subject: [AWA Group] Ebay alert -

Here is a nice amplifier tube for your 29 vintage rigs. 73 – Mike

http://www.ebay.com/itm/151702832433

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

11428. Re: [AWA Group] Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-07 17:45:13 UTC
From: Eddy Swynar
Topic: 11412 Message: 11428

On 2015-06-07, at 12:01 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

>
> Ron –
>
>
>
> I have not read it. Can you synopsize and let us know what is so bad about the new policy? I have been on there since 1997 and made close to 10,000 transactions, with very few problems. 73 – Mike
>
>
>
> Mike B. Feher, N4FS
>
>
>

Hi Ron,

I echo Mike's sentiments---what, exactly, has changed...?

~73~ de Eddy VE3CUI - VE3XZ

11429. Re: [AWA Group] Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-07 23:04:55 UTC
From: K3PID
Topic: 11412 Message: 11429

I have only read the “Changes” as put forth in the pdf in a link that appeared at the top of the logon screen. I got rid of my home phone when it degenerated to the point that all I ever received were autodialed and prerecorded messages.

****
Section 1.10
We are updating terms of the PayPal User Agreement regarding the means through and purposes for which we may contact you.

The revised section 1.10 reads as follows:

1.10 Calls to You; Mobile Telephone Numbers. You consent to receive autodialed or prerecorded calls and text messages from PayPal at any telephone number that you have provided us or that we have otherwise obtained. We may place such calls or texts to (i) notify you regarding your account; (ii) troubleshoot problems with your account (iii) resolve a dispute; (iv) collect a debt; (v) poll your opinions through surveys or questionnaires, (vii) contact you with offers and promotions; or (viii) as otherwise necessary to service your account or enforce this User Agreement, our policies, applicable law, or any other agreement we may have with you. The ways in which you provide us a telephone number include, but are not limited to, providing a telephone number at Account opening, adding a telephone number to your Account at a later time, providing it to one of our employees, or by contacting us from that phone number. If a telephone number provided to us is a mobile telephone number, you consent to receive SMS or text messages at that number. We won’t share your phone number with third parties for their purposes without your consent, but may share your phone numbers with our Affiliates or with our service providers, such as billing or collections companies, who we have contracted with to assist us in pursuing our rights or performing our obligations under this User Agreement, our policies, applicable law, or any other agreement we may have with you. You agree these service providers may also contact you using autodialed or prerecorded calls and text messages, as authorized by us to carry out the purposes we have identified above, and not for their own purposes. Standard telephone minute and text charges may apply if we contact you.

11430. Re: [AWA Group] Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-07 23:09:21 UTC
From: Bill Burns
Topic: 11412 Message: 11430

That policy evidently caused quite a stir - unsurprisingly.

PayPal this week caused an uproar when it rolled out an updated user agreement that added a clause that allowed the company to pester users with robocalls and text messages – not only to the number they provided PayPal, but also to other numbers PayPal is able to obtain. While PayPal at times may need to call or text you regarding account activity or to settle disputes, the new agreement also broadly gave the company the ability to send out surveys, offers and promotions through automated means. What's worse is that there was no opt-out mechanism provided for these actions. But now there will be, the company tells us.

According to a company spokesperson, "PayPal customers can opt-out of receiving auto-dialed or pre-recorded calls."

http://techcrunch.com/2015/06/05/paypal-claims-it-will-allow-customers-to-opt-out-of-robocalls-and-texts-permitted-in-new-policy/

--
Bill

On 6/7/2015 7:04 PM, 'K3PID' ron.k3pid@... [AWAGroup] wrote:
>
>
> I have only read the "Changes" as put forth in the pdf in a link that
> appeared at the top of the logon screen. I got rid of my home phone when
> it degenerated to the point that all I ever received were autodialed and
> prerecorded messages.
> **********
> *_Section 1.10
> _*We are updating terms of the PayPal User Agreement regarding the means
> through and purposes for which we may contact you.
>
> The revised section 1.10 reads as follows:
>
> *1.10 Calls to You; Mobile Telephone Numbers.* You consent to receive
> autodialed or prerecorded calls and text messages from PayPal at any
> telephone number that you have provided us or that we have otherwise
> obtained. We may place such calls or texts to (i) notify you regarding
> your account; (ii) troubleshoot problems with your account (iii) resolve
> a dispute; (iv) collect a debt; (v) poll your opinions through surveys
> or questionnaires, (vii) contact you with offers and promotions; or
> (viii) as otherwise necessary to service your account or enforce this
> User Agreement, our policies, applicable law, or any other agreement we
> may have with you. The ways in which you provide us a telephone number
> include, but are not limited to, providing a telephone number at Account

> opening, adding a telephone number to your Account at a later time,
> providing it to one of our employees, or by contacting us from that
> phone number.If a telephone number provided to us is a mobile telephone
> number, you consent to receive SMS or text messages at that number. We
> won’t share your phone number with third parties for their purposes
> without your consent, but may share your phone numbers with our
> Affiliates or with our service providers, such as billing or collections
> companies, who we have contracted with to assist us in pursuing our
> rights or performing our obligations under this User Agreement, our
> policies, applicable law, or any other agreement we may have with you.
> You agree these service providers may also contact you using autodialed
> or prerecorded calls and text messages, as authorized by us to carry out
> the purposes we have identified above, and not for their own purposes.
> Standard telephone minute and text charges may apply if we contact you.
>
>
>
> ---
> Posted by: "K3PID" <Ron.K3PID@...>
> ---

11431. Re: [AWA Group] Ebay alert - There's more

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-07 23:17:31 UTC
From: K3PID
Topic: 11412 Message: 11431

I am told that there is an identical clause in the revised EBay policy...

Ron K3PID

From: mailto:AWAGroup@yahoogroups.com
Sent: Sunday, June 07, 2015 6:09 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Ebay alert -

That policy evidently caused quite a stir - unsurprisingly.

PayPal this week caused an uproar when it rolled out an updated user agreement that added a clause that allowed the company to pester users with robocalls and text messages – not only to the number they provided PayPal, but also to other numbers PayPal is able to obtain. While PayPal at times may need to call or text you regarding account activity or to settle disputes, the new agreement also broadly gave the company the ability to send out surveys, offers and promotions through automated means. What’s worse is that there was no opt-out mechanism provided for these actions. But now there will be, the company tells us.

According to a company spokesperson, “PayPal customers can opt-out of receiving auto-dialed or pre-recorded calls.”

http://techcrunch.com/2015/06/05/paypal-claims-it-will-allow-customers-to-opt-out-of-robocalls-and-texts-permitted-in-new-policy/

--
Bill

On 6/7/2015 7:04 PM, 'K3PID' ron.k3pid@... [AWAGroup] wrote:
>
>
> I have only read the “Changes” as put forth in the pdf in a link that
> appeared at the top of the logon screen. I got rid of my home phone when
> it degenerated to the point that all I ever received were autodialed and
> prerecorded messages.
> **********
> *_Section 1.10
> _*We are updating terms of the PayPal User Agreement regarding the means
> through and purposes for which we may contact you.
>
> The revised section 1.10 reads as follows:
>
> *1.10 Calls to You; Mobile Telephone Numbers.* You consent to receive
> autodialed or prerecorded calls and text messages from PayPal at any
> telephone number that you have provided us or that we have otherwise

> obtained. We may place such calls or texts to (i) notify you regarding
> your account; (ii) troubleshoot problems with your account (iii) resolve
> a dispute; (iv) collect a debt; (v) poll your opinions through surveys
> or questionnaires, (vii) contact you with offers and promotions; or
> (viii) as otherwise necessary to service your account or enforce this
> User Agreement, our policies, applicable law, or any other agreement we
> may have with you. The ways in which you provide us a telephone number
> include, but are not limited to, providing a telephone number at Account
> opening, adding a telephone number to your Account at a later time,
> providing it to one of our employees, or by contacting us from that
> phone number.If a telephone number provided to us is a mobile telephone
> number, you consent to receive SMS or text messages at that number. We
> won’t share your phone number with third parties for their purposes
> without your consent, but may share your phone numbers with our
> Affiliates or with our service providers, such as billing or collections
> companies, who we have contracted with to assist us in pursuing our
> rights or performing our obligations under this User Agreement, our
> policies, applicable law, or any other agreement we may have with you.
> You agree these service providers may also contact you using autodialed
> or prerecorded calls and text messages, as authorized by us to carry out
> the purposes we have identified above, and not for their own purposes.
> Standard telephone minute and text charges may apply if we contact you.
>
>
>
> --
> Posted by: "K3PID" <Ron.K3PID@...>
> --

11432. SP6GNJ & Pilot c.t.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-08 15:19:26 UTC
From: Louis Vermond
Topic: 11432 Message: 11432

GM,

I an in contact with Chris, SP6GNJ. He is building a TNT using a 201A. He has collected parts that are as per the original TNT, but still needs that 20 ohm Pilot c.t. filament resister. Anyone here with an extra? Chris is a "serous" builder....

73, Lou

11433. Heater control

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-08 20:07:02 UTC
From: dulmagedon@...
Topic: 11433 Message: 11433

While perhaps not exact I have been using a car heater control switch for my filament control. Up here in The great White North Canadian Tire sells them in their automotive switch section. They are unchanged since as long as there have been heaters in cars and have that at least 1930s look. Whats more is they say heater on them and handle the load easily. They are not cheap being around $16. And while not perhaps the proper rheostat from a 1920s radio I would be willing to bet they were used for that long long before I thought of it.
I would think NAPA has them as well.

Meanwhile, fired up the breadboard regen today. No smoke which is always good. Throttle cap was bad (insulator cracked) but I was able to at least try it. Now to find a replacement 100 PF trimmer in GOOD condition. Finished wiring it. Not bad hum wise. Not a good day on 80M but i could find some signals so I suspect it will do the job.

don

11434. Heater control & RX comes TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-08 20:25:41 UTC
From: Louis Vermond
Topic: 11434 Message: 11434
Attachments: 1 described; binary payloads are missing from this source WARC

Tks Don, but Chris wants to use parts as per the original TNT. We've all been there...

Chris also wants to build a Reinhartz RX. He has only secondary info on it so I looked thru QST and found three primary articles. When reading the first article I noticed this and thought of you....

Anyone here build a Reinhartz?

11435. Re: Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-08 23:59:28 UTC
From: Mike Durff
Topic: 11412 Message: 11435

IMHO:Get a "burner" phone for $30, and give them that number. I've been doing that for years... I also have a gmail email account that I provide to pestering parties, not necessarily to Ebay or Paypal. YMMV

11436. Re: 1943 loaf

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-09 03:24:43 UTC
From: dulmagedon@...
Topic: 11408 Message: 11436

I finished the rx today. Found a work around for the cracked throttle cap that works and look right as well. Spent about an hour rubbing on it trying it out. Found a minor wiring error and corrected it and am happy to report this thing is gonna need a volume control. Is it ever loud on strong stations! I was using WWCR as a reference station and it is quite strong but truthfully it was hurting my ears. For an antenna I had 6 feet of hookup wire drapped over the shack curtain rod. I can control it (volume) also by adjusting the antenna trimmer to loose coupling. Until some 80M ham activity returns to 80m I will leave it be for now. Anyway it appears to work quite well. I am even a bit impressed. However regens are tricky little devils so I will try it for a few days before giving it a grade.
don

11437. Re: 1943 loaf

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-10 00:00:55 UTC
From: Louis Vermond
Topic: 11408 Message: 11437
Attachments: 2 described; binary payloads are missing from this source WARC

Is this the ckt you used, Don?

11438. Re: 1943 loaf

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-10 00:28:53 UTC
From: dulmagedon@...
Topic: 11408 Message: 11438

I must be missing something as I can't see the circuit. I should say BTW The book ran it on a B battery. I have it on 240 odd volts. Because it is throttle cap regen control it can be done.
don

11439. Re: [AWA Group] Re: 1943 loaf

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-10 01:13:08 UTC
From: Louis Vermond
Topic: 11408 Message: 11439
Attachments: 1 described; binary payloads are missing from this source WARC

How's this?

11440. Re: [AWA Group] Re: 1943 loaf

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-10 02:52:17 UTC
From: dulmagedon@...
Topic: 11408 Message: 11440

No Lou , That is not it. It is a dual triode 6c8 (I used a 6sl7) Audio was transformer coupled (I used an one from a 1920s Harris radio.) It is late and I am sleepy so I will find the schematic in the morning.
don

11441. Re: [AWA Group] Re: 1943 loaf

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-10 11:43:38 UTC
From: dulmagedon@...
Topic: 11408 Message: 11441
Attachments: 1 described; binary payloads are missing from this source WARC

This.
don

11442. Re: [AWA Group] Re: 1943 loaf [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-10 18:51:27 UTC
From: Louis Vermond
Topic: 11442 Message: 11442

Got it. Tks, Don.
----- Original Message -----
From: dulmagedon@yahoo.ca [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-06-10 7:43 AM
Subject: Re: [AWA Group] Re: 1943 loaf [1 Attachment]

This.
don

11443. Re: [AWA Group] Re: 1943 loaf [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-10 20:47:31 UTC
From: dulmagedon@...
Topic: 11442 Message: 11443

Other than the sub of a 6sl7 for the 6c8 I dropped the Grid leak resistor to ground which is a normal alternative anyway should one want to use the set at higher frequencies someday. It seems to work good copying AM stations but I haven't had any CW to copy since I lit it. No activity on 80m , not even W1AW CP so the band must be sleeping.
don

11444. Re: [AWA Group] Re: 1943 loaf

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-10 21:09:14 UTC
From: Louis Vermond
Topic: 11408 Message: 11444

80 Wrong time of day. Hope u listen in tonight and report here. Lou

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-06-10 4:47 PM
Subject: Re: [AWA Group] Re: 1943 loaf

Other than the sub of a 6sl7 for the 6c8 I dropped the Grid leak resistor to ground which is a normal alternative anyway should one want to use the set at higher frequencies someday. It seems to work good copying AM stations but I haven't had any CW to copy since I lit it. No activity on 80m , not even W1AW CP so the band must be sleeping.
don

11445. Re: [AWA Group] Re: 1943 loaf

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-10 23:50:42 UTC
From: Larry Szendrei
Topic: 11442 Message: 11445

The 6SN7 would be an electrically equivalent sub for the 6C8, which is
medium-mu. But if the high-mu 6SL7 is working well, don't mess with success!

73,
-Larry/NE1S

On 6/10/2015 4:47 PM, dulmagedon@... [AWAGroup] wrote:
>
> Other than the sub of a 6sl7 for the 6c8 I dropped the Grid leak
> resistor to ground which is a normal alternative anyway should one
> want to use the set at higher frequencies someday. It seems to work
> good copying AM stations but I haven't had any CW to copy since I lit
> it. No activity on 80m , not even W1AW CP so the band must be sleeping.
> don
>
>

11446. available Neutrodyne Cabinet

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-11 02:12:00 UTC
From: Larry Woodworth
Topic: 11446 Message: 11446

We have a model 175-A Neutroceiver cabinet- serial # 50933. It is. In reasonably good condition with no other parts.

I manage Ensor Park & Museum in Olathe, Ks. We believe this item may have been donated some years ago. It is a bit surplus to our focus of ham gear and belongings of Marshall H. Ensor, who we celebrate for his history in ham radio.

I will post photos if permitted. I need to learn the procedure if someone will give the info on that. Offers of purchase will be considered.

Thanks to all,

Best regards,

Larry Woodworth W0HXS
Mgr.

Sent from Yahoo Mail on Android

11447. A question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-11 02:25:58 UTC
From: Louis Vermond
Topic: 11447 Message: 11447
Attachments: 1 described; binary payloads are missing from this source WARC

Hello,

As you see, there is no variable condenser across the plate coil.

Also, the circuit derived its name from the fact that the grid coils winding direction was opposite to that of the plate coil. Finally, the grid coil was "telescoped" into the ground end of that coil.

How was the transmitted frequency of this rig determined?

73, Lou
VE3AWA

11448. Re: [AWA Group] A question [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-11 03:32:36 UTC
From: Steve
Topic: 11447 Message: 11448

Kind of looks like a reversed TNT, with the plate coil taking on the same function as the grid coil in the TNT while the grid tuning determines the frequency...just a guess at first look.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11449. Re: [AWA Group] Re: 1943 loaf

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-11 03:56:00 UTC
From: dulmagedon@...
Topic: 11442 Message: 11449

In the twinplex it makes little difference if I use a 6sl7 or a 6sn7 however in the cathode modulator it makes a huge difference with the 6sl7 out performing all others that will sub so I choose it for this and stole it right out of the modulator sitting in front of my ARC5 TX. If I remember correctly I think an' N7 has a 20 amp factor and an 'L7 a 70 amp factor. That was the good news. Now for the other stuff. The RX works pretty well has very strong volume and really shines on AM signals. Cw signals though are very tricky and it took me awhile to get good at it. I am not happy with its performance there and am grading it a C-. It is useable for sure and I like that it belongs with the Tx I built but I think a newcomer to regens would have hard time with it. It requires a big antenna too. (I used a ten meter one I had that was not occupied tonight but tried it on all execpt the beverage. The trimmer cap coupling does not work well for the antenna . I jury rigged a two turn loop on the coil and solved some of the ills immediately. So it is functional but not really user friendly. The twinplex though, using the same tube will run rings around it and requires far less antenna. So will my design the slugabsorb but it is solid state. I would be half tempted to build it as a tube type to see how it stacks up but in reality the twinplex is the best rx I own and will out perform any of the rest including modern ones and do it on ten inch loop sitting in the window. Am I sorry I built this one? No. I love the look of it beside it mate the breadboard tx and it does work. Would I recommend it as a regen build ? No.
don

11450. Re: A question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-11 10:23:05 UTC
From: kk7uv@...
Topic: 11447 Message: 11450

My guess: With the coils closely coupled as they are, the mutual L of both coils appears across the tuning C. It looks like it would function like the 'unity-coupled' oscillator. W7OIL built the Double-M version a few years ago with the grid coil inside the tubing of the plate coil. He would surely have some insights regarding the tuning behavior.

Steve KK7UV

11451. RE: [AWA Group] SP6GNJ & Pilot c.t.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-11 10:47:28 UTC
From: Steve Flood
Topic: 11432 Message: 11451
Attachments: 1 described; binary payloads are missing from this source WARC

I have one he can have Lou. I have another style if he prefers it over the Pilot.

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, June 08, 2015 9:19 AM
To: AWAGroup
Subject: [AWA Group] SP6GNJ & Pilot c.t.

GM,

I an in contact with Chris, SP6GNJ. He is building a TNT using a 201A. He has collected parts that are as per the original TNT, but still needs that 20 ohm Pilot c.t. filament resister. Anyone here with an extra? Chris is a "serous" builder....

73, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11452. Re: A question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-11 11:34:38 UTC
From: dulmagedon@...
Topic: 11447 Message: 11452

Somethings I know from playing around. The larger coil physically or highest Q will be the dominant control regardless of where it is in the circuit with in reason. If you have played around Homebrewing some will already have seen that. Another example is with even our rice boxes of the hybrid type like my KNWD TS830S I can operate a fairly large slice of the band without retuning the final every time with very little effect on output. My TPTG is contolled freq wise also by the grid coil and the plate coil needs to be only "in the wIndow" to allow it to operate. So if the grid coil is of very good design and large enough and the seemingly untuned plate coil is tuned in the window even though it doesn't have a tuning cap but using induction and natural capacity between turns then the grid coil can control the freq and the signal will get out. On my HB linear I dont need to retune say going from 7285 to 7295. I could and could gain a few watts but I dont have to to complete a QSO and the gain would be so minor it would only be satisfying my ego rather then moving someones S meter. Keep in mind that some vintage HF sets used fixed caps in the output circuit rather then a load cap.
Here I call it the dominant Q factor. Probably a misnomer but I don't care. I understand it and it works which is all that matters in this shack. The circuit is an easy one to build. you could have it bench running by noon easily. I would use my GDO to proof the coils and tank. I think you would find it works nicely and the comparison to a TNT in reverse is very astute I think. Tuning range would be similar.
don

11453. Re: [AWA Group] SP6GNJ & Pilot c.t.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-11 12:36:11 UTC
From: Louis Vermond
Topic: 11432 Message: 11453
Attachments: 1 described; binary payloads are missing from this source WARC

GM Steve,

That is generous. Thank you. I'm sure it is the Pilot Chris will want.

I'll send your offer and contact info to him now. Safe to assume am enthusiastic response.

73, Lou

11454. A question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-11 13:17:25 UTC
From: Louis Vermond
Topic: 11447 Message: 11454

GM,

Thank you Steve, Steve and Don for your help in this. The R-F was a popular circuit way back when.

73, Lou

It looks like it would function like the 'unity-coupled' oscillator. W7OIL built the Double-M version a few years ago... Roger built a U-C as well. Any tuning insight, guys?

11455. Re: [AWA Group] available Neutrodyne Cabinet

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-11 13:24:14 UTC
From: Larry Szendrei
Topic: 11446 Message: 11455

You can post it as an attachment here on this list. Just please try to keep the file size reasonable by making the image size and resolution no larger than necessary.

I could be wrong, but I don't think the demand for an item such as this is very high, and I think the cost of shipping may exceed its value, unless you find someone who needs it to replace a damaged or missing cabinet for a set that was originally their Granny's.

You may also try the AWA list operated by Ron Lawrence, W4RON. From my observations there are more broadcast set collectors on that list than here.

73,
-Larry/NE1S

On 6/10/2015 10:12 PM, Larry Woodworth larryw0hxs@... [AWAGroup] wrote:
>
> We have a model 175-A Neutroceiver cabinet- serial # 50933. It is. In
> reasonably good condition with no other parts.
>
> I manage Ensor Park & Museum in Olathe, Ks. We believe this item may
> have been donated some years ago. It is a bit surplus to our focus of
> ham gear and belongings of Marshall H. Ensor, who we celebrate for his
> history in ham radio.
>
> I will post photos if permitted. I need to learn the procedure if
> someone will give the info on that. Offers of purchase will be considered.
>
> Thanks to all,
> Best regards,
> Larry Woodworth W0HXS
> Mgr.
>
> Sent from Yahoo Mail on Android
> <https://overview.mail.yahoo.com/mobile/?.src=Android>
>
>
> ----------

11456. Re: [AWA Group] A question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-11 13:28:36 UTC
From: Larry Szendrei
Topic: 11447 Message: 11456

Could you imagine sending "Reverse-Feedback Shunt-Feed" in the BK exchange? I suppose you could send RFSF, but that would provoke requests for repeats, or a "huh?" :-)

73,
-Larry/NE1S

11457. Re: [AWA Group] A question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-11 13:44:38 UTC
From: Roger Kuchera
Topic: 11447 Message: 11457

Hello guys, As Lou stated, I built the unity-coupled, PP 45s, SEO from the 1933 ARRL Handbook (pgs. 91,92).Feeding the wire through the Copper tubing can be a trial!!! As I went about the process, I used somewords I hadn't used since my days in Uncle Sam's Canoe Club.

I will gladly provide, schematics, text and digi pix of my project. I haven't done a great deal oftesting with it but it oscillates easily. Initial testing reveals it is prone to hand capacity. Building thisthing has to be a labor of love.
Roger/K1TG

On Thursday, June 11, 2015 9:28 AM, "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Could you imagine sending "Reverse-Feedback Shunt-Feed" in the BK exchange? I suppose you could send RFSF, but that would provoke requests for repeats, or a "huh?" :-)

73,
-Larry/NE1S

Posted by: Larry Szendrei <ne1s@securespeed.us>

Yahoo Groups Links

11458. Re: [AWA Group] Re: 1943 loaf

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-12 03:01:28 UTC
From: dulmagedon@...
Topic: 11442 Message: 11458

There was a flury of activity on 80M tonight around 10pm. I was able to find it a copy it with the regen as i am beginning to get the hang of how one must operate this one. It isnt too bad once you get it set up and get used to it. tried calling CQ with its mate the breadboard TX when a space appeared but no cigar.
Don on 3561kcs

11459. The saga continues

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-12 18:30:12 UTC
From: K3PID
Topic: 11459 Message: 11459

I know a lot of the users on this group use these services. Since I dropped my membership it seems a lot of folks don’t like the new policy...

New York Times:
http://www.nytimes.com/2015/06/11/business/ebay-and-paypal-revise-their-user-agreements-and-hit-a-nerve.html

Wall Street Journal:
http://www.wsj.com/articles/ebay-paypal-robocall-policy-may-violate-federal-law-1434055880

Ron K3PID

11460. Re: [AWA Group] The saga continues

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-12 19:25:17 UTC
From: Eddy Swynar
Topic: 11459 Message: 11460

On 2015-06-12, at 2:30 PM, 'K3PID' ron.k3pid@... [AWAGroup] wrote:

>
> I know a lot of the users on this group use these services. Since I dropped my membership it seems a lot of folks don’t like the new policy...
>
> New York Times:
> http://www.nytimes.com/2015/06/11/business/ebay-and-paypal-revise-their-user-agreements-and-hit-a-nerve.html
>
> Wall Street Journal:
>
http://www.wsj.com/articles/ebay-paypal-robocall-policy-may-violate-federal-law-1434055880
>
> Ron K3PID
>
>

Hi Ron,

EBay has gotten so very big that its arrogance has evidently usurped any remnant of intelligence that that outfit may once have had...

You would think, at least, that the legal arm of the firm would have tempered this excess---but I guess the place must be rampant with "attitude," from top, to bottom.

I used to buy & sell a LOT on eBay---but then I came to hate the way they forced users into using Paypal, changed their rating scheme, tried to manoeuvre policy on users, raised rates, would re-vamp the way you sold things on the site on a maddening regular schedule & seemingly without logical reason, etc. etc.

The golden eggs being laid out of the goose just couldn't come fast enough---so that greedy outfit effectively killed it in their stupidity, IMHO.

Oh well, as they say, "...all things must pass." Even the once-vaunted General Motors ended-up facing bankruptcy in 2008. Hooda thunk it, right...? What goes around, comes around...

~73~ de Eddy VE3CUI - VE3XZ
>
>
>

11461. 80M open late evenings

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-13 03:31:35 UTC
From: dulmagedon@...
Topic: 11461 Message: 11461

I have been testing the regen and its mate the Bb transmitter later in the evenings after Lou told me I was trying at the wrong time of day. 80M comes alive propagation wise about 10PM my time. I check time signals to find out and tonight they were almost overpowering. There has been activity right on my freq that last few nights. I should get some more rocks I guess. I only have three that work in this TX. Mostly I am using my 3561kc crystal. It sure is fun running a late 1930s style station. Especially running a Receiver built on a bread board. I am getting much better at running now that we(me and the regen) are getting to know each other. Certainly is usable station. I popped a 6v6 in the TX tonight so both TX&RX would look matched. It is a quirk I have I guess. XYL says it is ethnically based. (alles in ordnung!) Whatever I liked the look better and the TX suffered no loss of output showing on the FS meter so should be good. I don't really have a big enough PS voltage wise to appreciate a good 6l6 anyway. Input by the way is a mere 6.766 watts.
Don on 3561kcs

11462. THE FORD MODEL T

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-13 14:37:19 UTC
From: Louis Vermond
Topic: 11462 Message: 11462

http://safeshare.tv/w/ShbgvwazC

11463. Re: The saga continues

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-13 18:55:02 UTC
From: Mike Durff
Topic: 11459 Message: 11463

Burner cell ...

11464. Info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-14 17:09:31 UTC
From: Roger Kuchera
Topic: 9796 Message: 11464

GA Gentlemen, I am looking for information on an old Emerson Model 59 tombstone style radio. Is there anyonein our august body who might have a Rider's or Sam's covering that set. It was built around 1935and it is a 5-tube superhet. The tube line-up is 2A7;58;2B7;47;80. I will pay for copies if need be.

As always, your effort is much appreciated. Thank you.

CUL, Roger/K1TG

11465. Re: [AWA Group] Info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-14 21:09:53 UTC
From: Garey Barrell
Topic: 9796 Message: 11465
Attachments: 1 described; binary payloads are missing from this source WARC

73, Garey - K4OAH
Rome, GA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Roger Kuchera rwkuchera@... [AWAGroup] wrote:
>
>
> GA Gentlemen,
> I am looking for information on an old Emerson Model 59 tombstone style radio. Is there
> anyone
> in our august body who might have a Rider's or Sam's covering that set. It was built
around 1935
> and it is a 5-tube superhet. The tube line-up is 2A7;58;2B7;47;80. I will pay for copies
if
> need be.
>
> As always, your effort is much appreciated. Thank you.
>
> CUL, Roger/K1TG
>

11466. eBay Alert While not OT, perfect range for what we build.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-14 23:43:15 UTC
From: Louis Vermond
Topic: 11466 Message: 11466

http://www.ebay.com/itm/Vintage-Weston-Electrical-Vintage-0-500-Milliamperes-R-F-Model-308-NIB-/301661633832?ssPageName=ADME:B:SS:CA:3160

11467. On the air with "The Loaf"

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-15 12:41:11 UTC
From: dulmagedon@...
Topic: 11467 Message: 11467

A quick email and an opportunity put Lou and I on 80m this morning with me on my loaf or breadboard station. Conditions were not great but useable .I had the HR10B on the beverage ant on back up to make sure I could hear so it wasn't the perfect test however it was a ball using a 1930searly 40s station on air. I won't be happy till I can shut the back up rx off and run only the regen and the TX but it would need to be better conditions then this morning. However you should know I have been copying the QMN net most nights as I get used to this style (throttle cap, transformer coupled) regen. I hope to try again in good conditions . I was just thinking Lou and I have had several interesting adventures. He is always up for an experimental QSO. We are about 180 miles apart ATCF. I was very pleased he could copy my 6v6 transmitter as I had feared running it on the same supply as the RX was too low HV to be useable. I had swapped out the 6l6 for the 6v6 as the voltage was closer to its happy spot. Seemed to work. We didnt push our luck as the noise level was high and signals not real strong but it was ok. Thanks again Lou. Fun stuff! Now its time for breakfast!
don

11468. Re: [AWA Group] Info needed [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-15 13:40:38 UTC
From: Roger Kuchera
Topic: 9796 Message: 11468

GM Garey, I received the PDF file. Thank you very much for your assistance.
CUL, Roger/K1TG

On Sunday, June 14, 2015 5:10 PM, "Garey Barrell k4oah@... [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:

73, Garey - K4OAH
Rome, GA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Roger Kuchera rwkuchera@... [AWAGroup] wrote:
>
>
> GA Gentlemen,
> I am looking for information on an old Emerson Model 59 tombstone style radio. Is
there
> anyone
> in our august body who might have a Rider's or Sam's covering that set. It was built
around 1935
> and it is a 5-tube superhet. The tube line-up is 2A7;58;2B7;47;80. I will pay for copies
if
> need be.
>
> As always, your effort is much appreciated. Thank you.
>
> CUL, Roger/K1TG
>

Yahoo Groups Links

11469. eBay Alert QSL-1948

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-15 14:06:51 UTC
From: Louis Vermond
Topic: 11469 Message: 11469
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/QSL-1948-ARRL-Field-Day-South-Lyme-CT-radio-card-/371347649885?pt=LH_DefaultDomain_0&hash=item56760b755d

See Ops...

11470. Re: On the air with "The Loaf"

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-15 19:06:23 UTC
From: dulmagedon@...
Topic: 11467 Message: 11470

I may have said it here , this radio the regen is quite loud when tuned . I was surprised how loud butitis. I surmised that it might drive a speaker with a Audio transformer for matching. I tried it this morning and it does and does it nicely.
don

11471. Beehive Insulator Dates

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-15 20:58:39 UTC
From: Bill Stewart
Topic: 11471 Message: 11471

GA All,
This is a bit of a nit-picky question, but got to wondering just when the white beehives came into use. Were they around in the 1920s along with the brown ones or did they come about in the 1930s. Just nodding and wondering on a lazy, hot southern afternoon....73 de Bill K4JYS

11473. Re: [AWA Group] Beehive Insulator Dates

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-15 23:17:11 UTC
From: Louis Vermond
Topic: 11471 Message: 11473

Hi Bill,

In the past I've wondered that as well. Never came to an absolute answer, but safe to say that a project dated 1937 and up would be "safe".

73, Lou

GA All,
This is a bit of a nit-picky question, but got to wondering just when the white beehives came into use. Were they around in the 1920s along with the brown ones or did they come about in the 1930s. Just nodding and wondering on a lazy, hot southern afternoon....73 de Bill K4JYS

11474. Ktos tu czytac po polsku?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-16 00:12:04 UTC
From: Louis Vermond
Topic: 11474 Message: 11474
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

11475. Re: Ktos tu czytac po polsku?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-16 02:28:50 UTC
From: dulmagedon@...
Topic: 11474 Message: 11475

Looks good. Look at the regen gridleak. It is adjustable in a fashion in relation to the cathode resistor. I also like the light colored CW key lower and to the right.
don.

11476. RE: [AWA Group] Re: Ktos tu czytac po polsku?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-16 02:44:54 UTC
From: Mike Feher
Topic: 11474 Message: 11476

The key is a replica of an 1860’s vintage camel-back key. Numerous makers made them, most common are Tillotson, Bunnell and Greeley. I have several in my key collection. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, June 15, 2015 10:29 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: Ktos tu czytac po polsku?

Looks good. Look at the regen gridleak. It is adjustable in a fashion in relation to the cathode resistor. I also like the light colored CW key lower and to the right.
don.

11477. RE: [AWA Group] Re: Ktos tu czytac po polsku?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-16 06:56:37 UTC
From: sp6gnj@...
Topic: 11474 Message: 11477
Attachments: 1 described; binary payloads are missing from this source WARC

I would like to say hello to the honorable group!
It's time to welcome - my name is Chris and callsign SP6GNJ.
For over two years, I read carefully all messages in this forum.
Thanks to Lou VE3AWA - I joined a group and now I'm finishing the construction of a replica of my TNT 1929.

In response to the subject of the post - Lou I will try to translate and make for more details.

In short:

It is a replica of the transmitter and receiver where Tadeusz Heftman (TPAX later SP3AX) established the first confirmed QSL card connected with another country (Dutch N0PM station) and it was 06-December-1925.
This date was considered a symbolic birthday of Polish amateur radio.
In April 1926 TPAX established the first QSO with USA : U1AAO - confirmed QSL card .
Then try to find scans of these cards.

This replica was built by Thomas SP5CCC in 1995.

Curiosity regarding the legality of the operation of amateur stations in some European countries at that time.
(Translation of the attached portion of the scan)

"On the 1st Nationwide Exhibition of Radio in 1926, in Warsaw, radios construction Ludomira Danielewicza TPAV and his brother Leonard were awarded a gold medal. There are no regulations governing Amateur Radio activity resulted in the confiscation of equipment Award" ...Hi

That's all for now.

Vy 73! Chris SP6GNJ

PS.
Please forgive me of my poor English.

11478. RE: [AWA Group] Re: Ktos tu czytac po polsku?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-16 10:41:31 UTC
From: dulmagedon@...
Topic: 11474 Message: 11478

Welcome Chris! Thanks for the translation. Nothing wrong with your English. Worry not.
Don VE3LYX

11479. Re: [AWA Group] Re: Ktos tu czytac po polsku?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-16 11:44:27 UTC
From: Larry Szendrei
Topic: 11474 Message: 11479

On 6/16/15 6:41 AM, dulmagedon@... [AWAGroup] wrote:
>
> Welcome Chris! Thanks for the translation. Nothing wrong with your
> English. Worry not.
> Don VE3LYX
>
>
>
Yes! Welcome, Chris; glad to have you aboard!

73,
-Larry/NE1S

11480. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-16 20:54:51 UTC
From: Louis Vermond
Topic: 130 Message: 11480

http://www.ebay.com/itm/NEW-IOB-FORD-MODEL-T-550-PANEL-METER-0-100-D-C-MA-SHURITE-METERS-ANTIQUE/221089613060?_trksid=p5411.c100167.m2940&_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D20140131123730%26meid%3Dbe5cb3d82c224632a1dfdd90f8f48c4f%26pid%3D100167%26rk%3D3%26rkt%3D3%26sd%3D111695933162

11481. Rubbing on the Breadboad Station

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-17 02:13:36 UTC
From: dulmagedon@...
Topic: 11481 Message: 11481

I have been playing with the breadboard rig quite a bit now. The difference from just built and running to where I am happy is sometimes long. the set had too much volume brought on I believe anyway by the fact that it runs on the same voltage as the transmitter. Since it doesn't control the Dc plate voltage to limit useable feed back but uses a throttle cap it can still run full plate voltage. (I may have said this wrong but ya'all know what I mean.) While it was fun to beabl hook an audio transformer to it and a speaker even with no PA audio stage it wasn't real practical to my way of thinking. Also CW tuning was tricky. So i popped a 15k resistor in the B plus feed for the regen (only) ad i added a 56pf cap parraleled with the 100pf grid leak cap. It seemed to like it. volume is still strong but below pain threshold now with phones on. It picks up CW easier now. How did I decide on 56pfs? There was one sitting on my desk in front of me so I tried it. I remembered playing a lot with the twinplex many ears ago and I found a sweet spot and have been very pleased with that radio ever since.
I will continue to rub on the combo as I see fit. Tis still a fun station though.
don

11482. Photo collection of early international stations and operators.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-17 16:36:21 UTC
From: Louis Vermond
Topic: 11482 Message: 11482
Attachments: 1 described; binary payloads are missing from this source WARC

Site lead courtesy of Chris, SP6GNJ.

KF Retro
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Presented photographs come from the collection of the lateZbigniew SP8HR and late Wladyslaw SP8SZ . Zbyszek, in the thirties was nasluchowcem and worked under the sign of PL-423 and Wladyslaw use the callsign the listening SPL-44. This unique collection perfectly captures the atmosphere of the 30s of the last century. I shared it, conventionally, in two parts, which can be titled: equipment and profiles. Watching this collection has the impression that time has stopped. In those days, the good tone belonged to his QSL cards to also attach a photo. Photographs are only scanned without making the slightest retouching. The oldest photograph was taken in 1928, the youngest of the year 1939 and carries most of the photos date from the years 1931-1933.

http://sp8bwr.com/index.php/kf-retro?showall=1

11483. Photo collection of early international stations and operators. Second try...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-17 16:47:47 UTC
From: Louis Vermond
Topic: 11483 Message: 11483

http://sp8bwr.com/index.php/kf-retro?showall=1

11484. A letter from WA8RVD to VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-17 20:04:38 UTC
From: Louis Vermond
Topic: 11484 Message: 11484
Attachments: 1 described; binary payloads are missing from this source WARC

Sri Mike for the delayed reply. Summer and all... Trade a 202 for one of those rifles? :0)

73, Lou

Hello, Lou

Thanks for your interest. I have enclosed a photo of them - ..... they were not quite ready for the B-K last year. Should make this year, though. The old one [an orignal] is ready for 40 meters but needs a grid coil for 80 and the new one needs its grid coil adjusted.

In the background of the pic you can see my other hobbies: I build and restore cedar canvas canoes and build historical replica firearms for historical reenacting. All the radio stuff is behind me!

I do follow the group on the net.

73, Mike/WA8RVD

11485. VE3AWA de K1TG ... Congrats "OM"...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-17 20:11:03 UTC
From: Louis Vermond
Topic: 11485 Message: 11485
Attachments: 5 described; binary payloads are missing from this source WARC

GM Lou,

I hope this finds you well. I forgot to mention that I became a "great-grandfather" a week ago. My oldest
grandson and his SO had a baby boy; Logan Jon. He reported aboard at 6 lbs. 11 oz. and answered muster.

I still have a little work to do on my UTAH to dress-up the 80 meter coil. I haven't put it on the air, as yet.
The output is about 16/17 watts into 50-Ohm dummy load. Now I have to find a place for it on the vintage
side of the shack.

CUL, Roger/K1TG

11486. eBay alert: Jan CDR CRC 808 General Electronics Power Tube Pair

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-19 01:42:35 UTC
From: Dry Martini Holding Company
Topic: 11486 Message: 11486

http://m.ebay.com/itm?itemId=201373559981

Sent from my iPhone

11487. eBay alert: Jan CDR CRC 808 General Electronics Power Tube Pair

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-19 01:43:38 UTC
From: Dry Martini Holding Company
Topic: 11486 Message: 11487

http://m.ebay.com/itm?itemId=201373559981

Sent from my iPhone

11488. Re: [AWA Group] eBay alert: Jan CDR CRC 808 General Electronics Power Tube Pair

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-19 02:53:07 UTC
From: Louis Vermond
Topic: 11486 Message: 11488

This listing (321483121032) has been removed, or this item is not available

11489. Re: [AWA Group] eBay alert: Jan CDR CRC 808 General Electronics Power Tube Pair

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-19 03:00:23 UTC
From: Dry Martini Holding Company
Topic: 11486 Message: 11489

That is odd. It still shows in my watch list.

http://pages.ebay.com/link/?nav=item.view&alt=web&id=201373559981&globalID=EBAY-US

Robert
KG4KGL

> On Jun 18, 2015, at 22:53, Louis Vermond ldvermond@... [AWAGroup]
<AWAGroup@yahoogroups.com> wrote:
>
> This listing (321483121032) has been removed, or this item is not available
>

11490. RE: [AWA Group] eBay alert: Jan CDR CRC 808 General Electronics Power Tube Pair

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-19 03:24:20 UTC
From: Mike Feher
Topic: 11486 Message: 11490

You have the wrong eBay number Lou. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, June 18, 2015 10:53 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay alert: Jan CDR CRC 808 General Electronics Power Tube Pair

This listing (321483121032) has been removed, or this item is not available

11491. Re: [AWA Group] eBay alert: Jan CDR CRC 808 General Electronics Power Tube Pair

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-19 09:56:50 UTC
From: N1BUG
Topic: 11486 Message: 11491

Both the first link (to m.ebay.com) and the revised one posted later (to pages.ebay. com) work for me...

73,
Paul

On 06/18/2015 11:24 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

You have the wrong eBay number Lou. 73 ? Mike

?

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

?

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, June 18, 2015 10:53 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay alert: Jan CDR CRC 808 General Electronics Power Tube Pair

?

?

This listing (321483121032) has been removed, or this item is not available

11492. Re: [AWA Group] eBay alert: Jan CDR CRC 808 General Electronics Power Tube Pair

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-19 13:20:50 UTC
From: Louis Vermond
Topic: 11486 Message: 11492

Odd. I copied and pasted then ND. Nice jugs tho...

----- Original Message -----
From: N1BUG paul@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-06-19 5:56 AM
Subject: Re: [AWA Group] eBay alert: Jan CDR CRC 808 General Electronics Power Tube Pair

Both the first link (to m.ebay.com) and the revised one posted later (to pages.ebay. com) work for me...

73,
Paul

On 06/18/2015 11:24 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

You have the wrong eBay number Lou. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, June 18, 2015 10:53 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay alert: Jan CDR CRC 808 General Electronics Power Tube Pair

This listing (321483121032) has been removed, or this item is not available

11493. Midwest Glow Worms Net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-19 20:19:38 UTC
From: Louis Vermond
Topic: 11493 Message: 11493

Lost the note. Sat., but what is the frequency and time again?

Tks, Lou

11494. Dave WB9WHG ... and his OT gear

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-19 20:26:11 UTC
From: Louis Vermond
Topic: 11494 Message: 11494
Attachments: 4 described; binary payloads are missing from this source WARC

Lou

You are welcome to post the pictures, I only ask that you mention two things:

1. I received much help and encouragement from Harold, KB0ROB
2. I am a member of the Midwest Glow Worms

Harold has done so much to encourage people to build 1929 rigs here in the Midwest!
[emphases mine]

These are of my Hartley Osc, it uses a Type 10 Tube. Harold, KB0ROB helped me with plans and advice. B+ is 218 Volts from a gas-tube (2 VR-105's) regulated power supply

.... here is my 211 PA - I run about 200-500 volts B+, and can get as much as 40W out if I wish... Most of the time, I run about 20W out - for the contest, I run 10W input... I do run it through an auto tuner, and hopefully that holds the harmonics down!

I also use 10 VDC for the 211 filament, less hum modulation that way! I use a .0004 HV mica cap for coupling from the Osc, and get a real nice note from that combo.

For both the Hartley Osc, and the PA, I have coils for 160, 80, and 40. I run straight-through, no doubling... The large disk-type neutralizing cap on the PA helps to get the neutralization just right!

The Hartley is my main work of art, but the PA is somewhat of a prototype yet. I am quite happy with how they both perform on the air.

Best 73, Dave WB9WHG

11495. Re: Dave WB9WHG ... and his OT gear

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-20 05:18:50 UTC
From: dulmagedon@...
Topic: 11494 Message: 11495

The activities of the Midwest Glow Worms interest me. Can't find them online BTW.
The 211 rig in particular caught my attention as I built one and it was my biggest failure to date. All through in testing at around 300 v it worked fine. Then I upped it to around 700v key down an with in seconds it was running itself, no cathode B- and I think smoked its own tube. I have since found out it is recommended these tubes run a good smooth DC heater supply as the AC can be too much excitement for them. Doesn't matter now , it was all over in a matter for seconds before I could even reach for the switch to kill the B+. Heater is still good in the tube ad nothing rattles but it appears to be done! I see a very healthy neutrulizer in Dave's pics.
Maybe someday I will take a good look at his schematic and see where I may have gone wrong. For now my wallet is still hurting from losing the tube..I am still smarting from that one!
don

11496. Re: [AWA Group] Re: Dave WB9WHG ... and his OT gear

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-21 04:04:44 UTC
From: Ron Barlow
Topic: 11494 Message: 11496

Hi Don,
You didn't explain what the "done" symptoms were. Zero plate current??
I have read that a severe overload can cause a loss of cathode emission, in a thoriated tungsten type xmitting tube, such as a 211.
Any old hb contains the info required to (hopefully) restore normal emission.
73 & GL de Ron

On Sat, 6/20/15, dulmagedon@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] Re: Dave WB9WHG ... and his OT gear
To: AWAGroup@yahoogroups.com
Date: Saturday, June 20, 2015, 1:18 AM

The activities of the Midwest Glow Worms interest
me. Can't find them online BTW.
The 211
rig in particular caught my attention as I built one and it
was my biggest failure to date. All through in testing at
around 300 v it worked fine. Then I upped it to around 700v
key down an with in seconds it was running itself, no
cathode B- and I think smoked its own tube. I have since
found out it is recommended these tubes run a good smooth DC
heater supply as the AC can be too much excitement for them.
Doesn't matter now , it was all over in a matter for
seconds before I could even reach for the switch to kill the
B+. Heater is still good in the tube ad nothing rattles but
it appears to be done! I see a very healthy neutrulizer in
Dave's pics.
Maybe someday I will take a
good look at his schematic and see where I may have gone
wrong. For now my wallet is still hurting from losing the
tube..I am still smarting from that one!
don

11497. Re: [AWA Group] Re: Dave WB9WHG ... and his OT gear

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-21 04:47:41 UTC
From: dulmagedon@...
Topic: 11494 Message: 11497

Good question. The dang thing scared me when it ran away. So later I tried it at the test voltage I had been successful at a got nothing I figued it was smoked. I had wondered about sending it back to the Tube store for a test. But then i thought if it was no good I would need to replace it and i didn't really want to. The project did not suit me. I dont mind the 45s or 171As etc or even the 6l6s but big tubes like that I think are out of my serious range of interest. So when it got close to the BK weekend this year I liberated the tuning cap from this rig and used it with its matching one in my TPTG 01A rig. I didn't do a lot of testing , just confirmed it wasn't working and quit. The XYL had bought me the tube for Christmas and doesn't know of this disaster and I ain't a gonna tell her her gift lasted less time then a cheap fireworks. Still it bugs me to be beat since it was working fine a light voltage. However your guess could be correct. I hadn't thought if that. Seems to me to reactivate they run them over voltage just the heater for period of time "Boiling" the coating so to speak. If i get another ancient cap i may reassemble it and at least just keep it to hold up as a bad example.
BTW for those who like to operate. 80m has been open a ot evenings and mornings but no oralmost no Cw activity. I check the time signal to see before operating and the last coule of days it has been extremely strong here. A couple of weeks ago it often could not be heard. For instance right now it is a moderate signal. This morning before 9 AM here it was VERY strong.
don

11498. The Elementary Principles of the Valve... Wireless World, June 9, 1923

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-21 15:32:18 UTC
From: Louis Vermond
Topic: 11498 Message: 11498

http://www.r-type.org/articles/art-147.htm

11499. 6l6 tnt?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-22 11:37:05 UTC
From: dulmagedon@...
Topic: 11499 Message: 11499

In my warped and distorted mind I keep looking at my new 6l6 crystal controlled transmitter and thinking it would be so easy to sub the crystal with a grid coil and open the grid choke and have a self controlled osc. A TNT if you will. I am fighting the urge to try it at the moment but it may be a losing battle!
don

11500. Re: [AWA Group] 6l6 tnt?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-22 14:10:03 UTC
From: Louis Vermond
Topic: 11499 Message: 11500
Attachments: 1 described; binary payloads are missing from this source WARC

de 1938 Handbook

11501. Re: [AWA Group] 6l6 tnt?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-22 19:43:11 UTC
From: dulmagedon@...
Topic: 11499 Message: 11501

Oh So it was done already?
I was just thinking Lou, it was you who got me into all this stuff in the first place!. (thanks!) I remember the email, probably still have it.
don

11502. Re: [AWA Group] 6l6 tnt?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-22 19:56:52 UTC
From: Larry Szendrei
Topic: 11499 Message: 11502

On 6/22/15 3:43 PM, dulmagedon@... [AWAGroup] wrote:
>
> Oh So it was done already?
> I was just thinking Lou, it was you who got me into all this stuff in
> the first place!. (thanks!) I remember the email, probably still have it.
> don
>
>
Also, listmember Jon AB9ZG built a beautiful replica of a 1929
Heising-modulated MOPA, in which the master oscillator could easily be
switched from an LC-tuned Hartley to XTAL control. My friend Bruce owns
it now, and I can vouch that it runs great both ways, as I've done so.

73,
-Larry/NE1S

11503. Re: [AWA Group] 6l6 tnt?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-22 20:21:24 UTC
From: Louis Vermond
Topic: 11499 Message: 11503
Attachments: 1 described; binary payloads are missing from this source WARC

Also, listmember Jon AB9ZG built a beautiful replica of a 1929 Heising-modulated MOPA...

This one?

11504. Re: [AWA Group] 6l6 tnt?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-22 20:22:53 UTC
From: Louis Vermond
Topic: 11499 Message: 11504

Oh So it was done already? No sweat. SKED, OM?

I was just thinking Lou, it was you who got me into all this stuff in the first place! My fault...

11505. Re: [AWA Group] 6l6 tnt?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-22 20:34:30 UTC
From: dulmagedon@...
Topic: 11499 Message: 11505

This is getting tempting. Personally I hate being rockbound especially when I know LCs can be quite good if done right.
Anyway today I am on a different project. I need a better PSU for my No 19. Something that can deliver a solid 600 volts to the final but feed the HT1 275 volts besides. Since the ARC5s use basically the same voltages it will also replace my ARC5 supply. I am today trying to decide if I will go solid state rectifiers or run a 5U4 of which I have several. I bought a new Hammond transformer (I am on Cash For Life now! Old Age Security Pension so I had to celebrate that extra income somehow) with enough 5 volt winding amps(4) to comfortably run a 5U4. It also has a rating of 288 mils for the 600 volt winding so it should be able to steady itself running either of those. The ARC5 guys like a resistor network for the lower transmitter voltages. Me I am not sure yet. I am just hoping to be able to hold at at least 580v under load on the PAs when done and I would like a quiet supply , minimal hum. Even got a 10 hnry choke with 3000 v insulated value. My brother got me a 1/2 dozen metesr on Ebay so we may even get fancy. Then the current AC supply for the No 19 will get to run the 6L6 TX. Tested it today on it and its is OK. Nothing got hot and no smoke.
don

11506. Re: [AWA Group] 6l6 tnt?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-22 21:05:02 UTC
From: dulmagedon@...
Topic: 11499 Message: 11506

I just checked the band (80M) and it is dead at the moment. (no CHU) I will recheck at 630Pm and if its open we can go for it aiming for the good spot closer to dusk. 3561 kc I will try to do it all with just the 6l6tx and the regen. (which is working pretty good now.) I will Email
don

11507. Re: [AWA Group] 6l6 tnt?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-22 21:15:12 UTC
From: Larry Szendrei
Topic: 11499 Message: 11507
Attachments: 1 described; binary payloads are missing from this source WARC

Nope.

The one I was referring to uses a 210 MO, 210 PA, 250 modulator. I searched my files for photos but i don't have any, and couldn't find any with a Google search either. Perhaps Jon will see this and post an image or two.

73,
-Larry/ME1S

On 6/22/15 4:21 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> □
>
> Also, listmember Jon AB9ZG built a beautiful replica of a 1929
> Heising-modulated MOPA...
> This one?
>

11508. Re: [AWA Group] 6l6 tnt?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-23 00:03:58 UTC
From: Louis Vermond
Topic: 11499 Message: 11508
Attachments: 1 described; binary payloads are missing from this source WARC

Perhaps Jon will see this and post an image or two.

Hope he posts a few back and side pics of this one as well.

11509. Re: [AWA Group] 6l6 tnt?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-23 14:17:15 UTC
From: Jon Delventhal
Topic: 11499 Message: 11509

That was my first ham transmitter. It is shown under 1928 style ham transmitter in my project gallery. I got the idea for an oscillator that is switchable between crystal and Hartley came from the April 1929 QST article on phone transmitters.There also were several oscillators shown in QST that were mentioned to be used in both TNT and crystal mode.
My second far simpler transmitter shown by Lou is still in the prototype form. I need to fix a parasitic issue before I build it in the final form. When the coil ground clip is in the position which gives greatest efficiency, the oscillator breaks into UHF parasitics when keyed. When the ground clip is advanced one turn toward the center of the coil, the tube draws more current for the same output but keys without sign of parasitics. I suspect the longer lead lengths required for the front panel-mounted tubes are forming tanks resonant at some UHF that is still low enough for the tube to oscillate at. Side view.

From: "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, June 22, 2015 4:15 PM
Subject: Re: [AWA Group] 6l6 tnt?

Nope.

The one I was referring to uses a 210 MO, 210 PA, 250 modulator. I searched my files for photos but i don't have any, and couldn't find any with a Google search either. Perhaps Jon will see this and post an image or two.

73,
-Larry/ME1S

On 6/22/15 4:21 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:

☐ Also, listmember Jon AB9ZG built a beautiful replica of a 1929 Heising-modulated MOPA... This one?

11510. Re: 6l6 tnt?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-23 14:28:21 UTC
From: n3ibx
Topic: 11499 Message: 11510

Hello Don,
I think your idea of a 6L6 TNT is a nifty one indeed, but the transmitter might be more stable and easy to control if you used a lower mu tube like a ordinary triode (210,250,2A3,6B4G etc).
Besides, you won't have the need for a dropping resistor or whatver you choose for the screen supply.

I'm sure you could use a 6L6 or similar tube but due to it's relatively hi mu it may be a bit squirrelky, especially on the higher bands like 40M etc.

Whatever you decide I wish you the best of luck with it.

Mod-U-Later,
Joe Cro N3IBX

11511. Re: 6l6 tnt?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-23 18:47:24 UTC
From: dulmagedon@...
Topic: 11499 Message: 11511

First Jon D . Very nice! Most impressive!
Joe, I have got a 6l6 transmitter I built I guess around Christmas. I built it to test a couple of different ways of modulating it, satisfied my curiosity and have been robbing parts from it now and then. I was looking at it today. The PS is on board, it has a tube shield installed and the tube is still wired to go. I stole its two variable caps and both its coils. It was a TPTG and so could have quickly become a TNT. It had no issues as far as stability goes so whatever I did it must have been Ok. I have several 29 style rigs thanks to Lou's dragging me into the selfcontrolled osc world. So I am not hungry to build any more for now. I already have a TNT 45, a TPTG 201A, a Hartley 201A or 45 depending on my mood, a 171A Hartley series cathode modulated by a 201A. That is just the pre 29 stuff. XYL asked about a month ago "How many transmitters do you actually have?" (18 and about 75% homemade) It is kinda 1930s/40 style stuff here now. South of us the Crystal control thing kinda took over although it was not the hard rule up here however it became most common. We don't didn't have a Novice class. I was just looking at the circuit of the 6l6 Tx I just built and thought man that isn't much different except for the rock. That is what started the idea rather then I didn't already have a TNT. Today I was working on the new power supply(for the tank radio). I whimped out and went solid state on the rectifiers. The new electrolytics are so small it is hard to image they actually will work!
I don't like the look of them.
don

11512. Multi wire cloth covered power cable

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-24 02:28:23 UTC
From: Louis Vermond
Topic: 11512 Message: 11512

Hi,

Is there anyone selling multi wire cloth covered power cable? Not finding it on the net.

Tks, Lou

11513. RE: [AWA Group] Multi wire cloth covered power cable

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-24 10:39:26 UTC
From: Steve Flood
Topic: 11512 Message: 11513

Antique Electronic Supply has 2-conductor 18awg braided cable.

NostaligicBulbs.com has a bunch of different stuff.

SundialWire.com

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11514. Re: [AWA Group] Multi wire cloth covered power cable

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-24 13:39:42 UTC
From: Louis Vermond
Topic: 11512 Message: 11514

Tks, Steve.

----- Original Message -----
From: 'Steve Flood' kk7uv@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-06-24 6:39 AM
Subject: RE: [AWA Group] Multi wire cloth covered power cable

Antique Electronic Supply has 2-conductor 18awg braided cable.

NostaligicBulbs.com has a bunch of different stuff.

SundialWire.com

This email has been checked for viruses by Avast antivirus software.
www.avast.com

11515. Re: [AWA Group] Multi wire cloth covered power cable

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-24 15:59:23 UTC
From: Niel - W0VLZ
Topic: 11512 Message: 11515

Lou,

A cloth shoelace of the right color will work. Snip off the tips and you have a cloth tube to run your cable wires through. See the metering cable here:
http://w0vlz.blogspot.com/2009/09/more-1934-transmitter-it-works.html

Niel

Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> Hi,
> Is there anyone selling multi wire cloth covered power cable? Not
> finding it on the net.
> Tks, Lou
>

11516. Re: [AWA Group] Multi wire cloth covered power cable

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-24 17:09:33 UTC
From: Leonard Meek
Topic: 11512 Message: 11516

I bought some bulk shoe lace from a fabric shop once, and slipped it over some #18 wire for the "antique" look.

Leonard

----- Original Message -----
From: 'Steve Flood' kk7uv@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Wednesday, June 24, 2015 12:39 AM
Subject: RE: [AWA Group] Multi wire cloth covered power cable

Antique Electronic Supply has 2-conductor 18awg braided cable.

NostaligicBulbs.com has a bunch of different stuff.

SundialWire.com

This email has been checked for viruses by Avast antivirus software.
www.avast.com

11517. RE: [AWA Group] Multi wire cloth covered power cable

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-24 17:15:50 UTC
From: Mike Feher
Topic: 11512 Message: 11517

I did the same on some spherical audions. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, June 24, 2015 1:10 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Multi wire cloth covered power cable

I bought some bulk shoe lace from a fabric shop once, and slipped it over
some #18 wire for the "antique" look.

Leonard

----- Original Message -----

From: 'Steve Flood' kk7uv@... [AWAGroup]
<mailto:kk7uv@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: Wednesday, June 24, 2015 12:39 AM

Subject: RE: [AWA Group] Multi wire cloth covered power cable

Antique Electronic Supply has 2-conductor 18awg braided cable.

NostaligicBulbs.com has a bunch of different stuff.

SundialWire.com

_____

<https://www.avast.com/antivirus> Avast logo

This email has been checked for viruses by Avast antivirus software.
www.avast.com

11518. Re: [AWA Group] Multi wire cloth covered power cable

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-24 17:19:38 UTC
From: Louis Vermond
Topic: 11512 Message: 11518
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Niel and thank you.

A cloth shoelace of the right color will work. Snip off the tips and you have a cloth tube to run your cable wires through. See the metering
cable here: Now isn't that nifty! If I can not find the what I need I'll follow your lead in this.

Another shoelace trick: Slip small diameter black lace over buss wire then cover lace with heavy coats of shellac. Presto! You have early radio hook-up wire. I've seen it done and the result looks very close to original.

73, Lou

11519. RE: [AWA Group] Multi wire cloth covered power cable

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-24 17:27:43 UTC
From: Mike Feher
Topic: 11512 Message: 11519
Attachments: 1 described; binary payloads are missing from this source WARC

I used candle wax on my audion leads. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, June 24, 2015 1:20 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Multi wire cloth covered power cable

Hi Niel and thank you.

A cloth shoelace of the right color will work. Snip off the tips and you have a cloth tube to run your cable wires through. See the metering cable here: Now isn't that nifty! If I can not find the what I need I'll follow your lead in this.

Another shoelace trick: Slip small diameter black lace over buss wire then cover lace with heavy coats of shellac. Presto! You have early radio hook-up wire. I've seen it done and the result looks very close to original.

73, Lou

11520. Re: [AWA Group] Multi wire cloth covered power cable

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-24 18:05:33 UTC
From: Louis Vermond
Topic: 11512 Message: 11520

I used candle wax on my audion leads. 73 - Mike

One hundred + year old candle I should hope... :0)

11521. RE: [AWA Group] Multi wire cloth covered power cable

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-24 18:31:58 UTC
From: Mike Feher
Topic: 11512 Message: 11521

I am not as "period correct" as some people claim to be, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, June 24, 2015 2:06 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Multi wire cloth covered power cable

<http://y.analytics.yahoo.com/fpc.pl?ywarid=515FB27823A7407E&a=1000131032227
9&js=no&resp=img>

I used candle wax on my audion leads. 73 - Mike

One hundred + year old candle I should hope... :0)

11522. Re: [AWA Group] Multi wire cloth covered power cable

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-24 19:06:31 UTC
From: Louis Vermond
Topic: 11512 Message: 11522

some people claim. Some people's only claim in this is that they try....

11523. eBay Alert Cloth covered 4-wire power cable

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-24 23:56:05 UTC
From: Louis Vermond
Topic: 11523 Message: 11523

http://www.ebay.ca/itm/priced-per-ft-RARE-4-wire-cloth-20-ga-STRANDED-tinned-in-CLOTH-covered-cable-/230961482298?pt=LH_DefaultDomain_0&hash=item35c6608a3a

11524. New PSU for my old Military Rigs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-25 14:10:05 UTC
From: dulmagedon@...
Topic: 11524 Message: 11524

I have some ARC5 stuff and my WS19 sets. The ARC 5s I use on a homebrew junkbox built PSU. It works but is a bit rough to put the WS19 on. It has a load voltage of 770v B+ but since I use the ARC5 with series cathode modulation I lose the modulator tubes B requirements in the mix and with up with net voltages of in the high 500s on the plates of the 1625s. Also the lower HV for the rest of the ARC 5s is at the scream end of limits. I must confess I wasn't as concerned as I should be since both those radios were bought for $17 US funds. However the WS19 is a bit of a classic up here being a specific Canadian model (MKII Can) and being almost an NOS rig I could not bring myself to put it on the big brute. So I have been using it on a vibrator supply I have for portable tube radio use and supplying the extra HV for the 807 final piggy back with a small bench supply. It worked fine but was UGLY! so I built a proper voltage supply from what I had around. It worked BUT its transformer was unable to hold steady when I put it in Tx and so output has dropped and so has my QSO count. Finally I took some of my first pension cheque and ordered a new Hammond transformer and everything I would need to build a supply. The transformer supplies 600 volts and is rated at 288 mils so is a far cry from the pipsqueak I have on it now. However the company I buy from supplied very new style capacitors. They look like 10 ufds 25 volters used to but are rated at 10UFD , 450 volts (yes I know to series them and bridge them for equal flow) and 105 degrees. It bothers me they are so small. I am told by many they will be fine so now here I am just a fuse and a power cord needed before the smoke test. I am a bit nervous however... The older light supply is going to get to run the new 6L6 breadboard rig. Voltages should be just right for CW work and that rig doesnt need much in the way of current.
Anxious in Ameliasburgh
don

11525. Re: [AWA Group] New PSU for my old Military Rigs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-25 16:20:27 UTC
From: Larry Szendrei
Topic: 11524 Message: 11525

On 6/25/15 10:10 AM, dulmagedon@... [AWAGroup] wrote:
>
> However the company I buy from supplied very new style capacitors.
> They look like 10 ufds 25 volters used to but are rated at 10UFD , 450
> volts (yes I know to series them and bridge them for equal flow) and
> 105 degrees. It bothers me they are so small. I am told by many they
> will be fine so now here I am just a fuse and a power cord needed
> before the smoke test. I am a bit nervous however...
>
Don - where you *might* run into a problem is if your filter is capacitor input (vs. choke input or resonant) the peak current through the capacitor on the rectifier side of the filter choke may exceed the newer capacitors' rating, heat it up and explode it. Been there, done that. Some of the smaller, modern electrolytics aren't designed for that service. You may be OK, though. Tread cautiously and make sure the capacitors aren't getting hot.

73,
-Larry/NE1S

>
>

11526. Re: [AWA Group] New PSU for my old Military Rigs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-25 17:31:16 UTC
From: dulmagedon@...
Topic: 11524 Message: 11526

OK Larry, I went and got my safety glasses just in case. When I did the Linear which runs an average voltage of around 1440 v using a doubler they were much smaller then i am used to but not as small as these. I guess I will stand back , wear my safety glasses and see what happens. I may reoder elsewhere later just to ease my mind. Yes. It is Cap input. I have lots of NOS can type but I hate the thought of having to replace them. I have used a few over the years but have run across a few that were no good. Too much age I guess. And rearange everything to make room. These I can go with some bigger Spragues (My personal preference) from someone else and just clip the leads and pop them in.
don

11527. Re: [AWA Group] New PSU for my old Military Rigs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-25 18:51:31 UTC
From: Larry Szendrei
Topic: 11524 Message: 11527

On 6/25/15 1:31 PM, dulmagedon@... [AWAGroup] wrote:
>
> OK Larry, I went and got my safety glasses just in case. When I did
> the Linear which runs an average voltage of around 1440 v using a
> doubler they were much smaller then i am used to but not as small as
> these. I guess I will stand back , wear my safety glasses and see what
> happens. I may reoder elsewhere later just to ease my mind. Yes. It is
> Cap input. I have lots of NOS can type but I hate the thought of
> having to replace them. I have used a few over the years but have run
> across a few that were no good. Too much age I guess. And rearange
> everything to make room. These I can go with some bigger Spragues (My
> personal preference) from someone else and just clip the leads and pop
> them in.
> don
>
>
>
Very well; best to play it safe.

If I have the room I like to use the large oil capacitors (PCB or not) that are 8 or 10uF at 600 or 1000V in this type of service. They seem to last forever.

Earlier this year I started using resonant filters where in the past I would have used choke-input. I really like them because you can have a very light "standby" load on the supply without the filter thinking it's cap input and the voltage soaring as a result.

73,
-Larry/NE1S

11528. eBay Alert and Mike F.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-26 01:24:52 UTC
From: ldvermond@...
Topic: 11528 Message: 11528

Works Replica Wallace 1911 1st Regenerative Radio BEFORE Armstrong Stole Design http://www.ebay.ca/itm/Works-Replica-Wallace-1911-1st-Regenerative-Radio-BEFORE-Armstrong-Stole-Design-/321789494204?pt=LH_DefaultDomain_0&hash=item4aec2603bc

http://www.ebay.ca/itm/Works-Replica-Wallace-1911-1st-Regenerative-Radio-BEFORE-Armstrong-Stole-Design-/321789494204?pt=LH_DefaultDomain_0&hash=item4aec2603bc

Works Replica Wallace 1911 1st Regenerative Radio B... http://www.ebay.ca/itm/Works-Replica-Wallace-1911-1st-Regenerative-Radio-BEFORE-Armstrong-Stole-Design-/321789494204?pt=LH_DefaultDomain_0&hash=item4aec2603bc Works Replica Wallace 1911 1st Regenerative Radio BEFORE Armstrong Stole Design in Collectibles, Radio, Phonograph, TV, Phone, Radios | eBay

View on www.ebay.ca http://www.ebay.ca/itm/Works-Replica-Wallace-1911-1st-Regenerative-Radio-BEFORE-Armstrong-Stole-Design-/321789494204?pt=LH_DefaultDomain_0&hash=item4aec2603bc Preview by Yahoo

11529. Re: [AWA Group] New PSU for my old Military Rigs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-26 02:23:17 UTC
From: dulmagedon@...
Topic: 11524 Message: 11529

I ran it twenty minutes at reduced voltage . No smoke so I am going to go for it.
don

11530. Re: eBay Alert and Mike F.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-26 10:57:46 UTC
From: dulmagedon@...
Topic: 11528 Message: 11530

I read some of this story. There are some significant comments here and there that indicate Wallace had a handle on this rather then was a surprised experimenter.
As for his "design was stolen" one has to be careful. Years ago I developed a tool for use in the machine shop race engine trade. I went to the Carlise show with a basket of them. It was a severely simple solution to a nagging problem. I had field tested it with two other shops for over a year and none of us had had the problem it solved again. I was asking $5 a piece and had a bristol board display showing it all. Never even had a nibble the three days we were there. Was beginning to pack up when a fellow stopped by. He asked about it and did I design it. I told him I did and he asked did I patent it or at least copyright it. I said no and asked about copyrighting it as as an author I knew about copyrights but not as it relates to inventions. He explained he was a tool designer for the automotive industry and did tool design as a living and copyright was one option he used for short run, low cost tools. He bought one as we spoke and I said , and I quote, " No I didn't patent it or copyright it. If you think you can make a buck off it go right ahead. Be my guest. I can't even give them away !" (marketing is not one of my skills!) About a year later the tool appeared in a major companies catalogue and has remained there ever since. I saw one and borrowed a set of verniers to compare. Even the dimensions were exact to my originals which I still have. I could be mad however I did say what I said. A man stands by his word. I am sure things like this happen to many who develop things. Often the personality that invents is not a student of How to Win Friends and Influence People but an expert for some unknown reason in how to Tick Folks Off. So when I see "design was stolen" I know more about that then I want to.
Anyway it is an interesting design and I enjoyed looking into it. Thanks for posting it.
don

11531. RE: [AWA Group] eBay Alert and Mike F.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-26 16:17:55 UTC
From: Mike Feher
Topic: 11528 Message: 11531

Roy does beautiful work. I have bought a couple of his reproduction tubes from him. He has a YouTube video showing how he makes the tubes. He even installs a getter, near the base so it is not too visible, on his spherical audions, so that they will work real well. He puts a lot of love and effort into those sets and tubes. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, June 25, 2015 9:25 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] eBay Alert and Mike F.

Works Replica Wallace 1911 1st Regenerative Radio BEFORE Armstrong Stole Design <http://www.ebay.ca/itm/Works-Replica-Wallace-1911-1st-Regenerative-Radio-BEFORE-Armstrong-Stole-Design-/321789494204?pt=LH_DefaultDomain_0&hash=item4aec2603bc>

<http://www.ebay.ca/itm/Works-Replica-Wallace-1911-1st-Regenerative-Radio-BEFORE-Armstrong-Stole-Design-/321789494204?pt=LH_DefaultDomain_0&hash=item4aec2603bc> image

<http://www.ebay.ca/itm/Works-Replica-Wallace-1911-1st-Regenerative-Radio-BEFORE-Armstrong-Stole-Design-/321789494204?pt=LH_DefaultDomain_0&hash=item4aec2603bc> Works Replica Wallace 1911 1st Regenerative Radio B...

Works Replica Wallace 1911 1st Regenerative Radio BEFORE Armstrong Stole Design in Collectibles, Radio, Phonograph, TV, Phone, Radios | eBay

<http://www.ebay.ca/itm/Works-Replica-Wallace-1911-1st-Regenerative-Radio-BEFORE-Armstrong-Stole-Design-/321789494204?pt=LH_DefaultDomain_0&hash=item4aec2603bc> View on www.ebay.ca

Preview by Yahoo

11532. RE: [AWA Group] eBay Alert and Mike F.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-26 17:13:38 UTC
From: Louis Vermond
Topic: 11528 Message: 11532

Hi Mike,

What is the cost of Roy's spherical audion? Lou

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Fri, 26 Jun 2015 12:17:55 -0400
Subject: RE: [AWA Group] eBay Alert and Mike F.

Roy does beautiful work. I have bought a couple of his reproduction tubes from him. He has a YouTube video showing how he makes the tubes. He even installs a getter, near the base so it is not too visible, on his spherical audions, so that they will work real well. He puts a lot of love and effort into those sets and tubes. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, June 25, 2015 9:25 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] eBay Alert and Mike F. Works Replica Wallace 1911 1st Regenerative Radio BEFORE Armstrong Stole Design
Works Replica Wallace 1911 1st Regenerative Radio B... Works Replica Wallace 1911 1st Regenerative Radio BEFORE Armstrong Stole Design in Collectibles, Radio, Phonograph, TV, Phone, Radios | eBayView on www.ebay.ca Preview by Yahoo

11533. TEST

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-26 17:20:35 UTC
From: Louis Vermond
Topic: 315 Message: 11533

TEST

11534. RE: [AWA Group] eBay Alert and Mike F.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-26 17:21:35 UTC
From: Mike Feher
Topic: 11528 Message: 11534

I do not remember as I never bought one. I did buy a replica Fleming valve from him for only $160 and a triple plate spherical, made as a joke, for $338. However, remember, these are eBay prices and are working tubes. Surprised he could sell them for so little after so much work. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, June 26, 2015 1:14 PM
To: RogerK
Subject: RE: [AWA Group] eBay Alert and Mike F.

Hi Mike,

What is the cost of Roy's spherical audion? Lou

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Fri, 26 Jun 2015 12:17:55 -0400
Subject: RE: [AWA Group] eBay Alert and Mike F.

Roy does beautiful work. I have bought a couple of his reproduction tubes from him. He has a YouTube video showing how he makes the tubes. He even installs a getter, near the base so it is not too visible, on his spherical audions, so that they will work real well. He puts a lot of love and effort into those sets and tubes. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, June 25, 2015 9:25 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] eBay Alert and Mike F.

Works Replica Wallace 1911 1st Regenerative Radio BEFORE Armstrong Stole Design
<http://www.ebay.ca/itm/Works-Replica-Wallace-1911-1st-Regenerative-Radio-BEFORE-Armstrong-Stole-Design-/321789494204?pt=LH_DefaultDomain_0&hash=item4aec2603bc>

<http://www.ebay.ca/itm/Works-Replica-Wallace-1911-1st-Regenerative-Radio-BEFORE-Armstrong-Stole-Design-/321789494204?pt=LH_DefaultDomain_0&hash=item4aec2603bc> image

<http://www.ebay.ca/itm/Works-Replica-Wallace-1911-1st-Regenerative-Radio-BEFORE-Armstrong-Stole-Design-/321789494204?pt=LH_DefaultDomain_0&hash=item4aec2603bc> Works Replica Wallace 1911 1st Regenerative Radio B...

Works Replica Wallace 1911 1st Regenerative Radio BEFORE Armstrong Stole Design in Collectibles, Radio, Phonograph, TV, Phone, Radios | eBay

<http://www.ebay.ca/itm/Works-Replica-Wallace-1911-1st-Regenerative-Radio-BEFORE-Armstrong-Stole-Design-/321789494204?pt=LH_DefaultDomain_0&hash=item4aec2603bc> View on www.ebay.ca

Preview by Yahoo

11535. RE: [AWA Group] eBay Alert and Mike F.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-26 17:24:38 UTC
From: Louis Vermond
Topic: 11528 Message: 11535

Tks Mike,

$ not dear at all. Yes, surprising.

Please post photos of both valves! Lou

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Fri, 26 Jun 2015 13:21:35 -0400
Subject: RE: [AWA Group] eBay Alert and Mike F.

I do not remember as I never bought one. I did buy a replica Fleming valve from him for only $160 and a triple plate spherical, made as a joke, for $338. However, remember, these are eBay prices and are working tubes. Surprised he could sell them for so little after so much work. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, June 26, 2015 1:14 PM
To: RogerK
Subject: RE: [AWA Group] eBay Alert and Mike F. Hi Mike,

What is the cost of Roy's spherical audion? LouTo: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Fri, 26 Jun 2015 12:17:55 -0400
Subject: RE: [AWA Group] eBay Alert and Mike F.

Roy does beautiful work. I have bought a couple of his reproduction tubes from him. He has a YouTube video showing how he makes the tubes. He even installs a getter, near the base so it is not too visible, on his spherical audions, so that they will work real well. He puts a lot of love and effort into those sets and tubes. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, June 25, 2015 9:25 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] eBay Alert and Mike F. Works Replica Wallace 1911 1st Regenerative Radio BEFORE Armstrong Stole DesignWorks Replica Wallace 1911 1st Regenerative Radio B... Works Replica Wallace 1911 1st Regenerative Radio BEFORE Armstrong Stole Design in Collectibles, Radio, Phonograph, TV, Phone, Radios | eBayView on www.ebay.ca Preview by Yahoo

11537. Re: [AWA Group] New PSU for my old Military Rigs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-26 21:12:51 UTC
From: dulmagedon@...
Topic: 11524 Message: 11537

I have been running it full tilt for the last hour. Very quiet on RX. Voltages in range, nothing getting warm HOWEVER,
I have to have DC heater voltage to run the relay and the meter low voltage scale. To get the 12 volts (ca) I combined the 5v rectifier heater winding and the 6.3 winding. I got 12.75v AC But when I put a diode in series I only get 5 volts DC. I think I know what I have to do to get 12v (rectifiy both before combining.) however I must confess I hadn't anticipated that. Tis a rare day when you don't learn something.
don

11538. Re: [AWA Group] New PSU for my old Military Rigs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-27 12:49:00 UTC
From: Larry Szendrei
Topic: 11524 Message: 11538

On 6/26/15 5:12 PM, dulmagedon@... [AWAGroup] wrote:
>
> I have been running it full tilt for the last hour. Very quiet on RX.
> Voltages in range, nothing getting warm HOWEVER,
> I have to have DC heater voltage to run the relay and the meter low
> voltage scale. To get the 12 volts (ca) I combined the 5v rectifier
> heater winding and the 6.3 winding. I got 12.75v AC But when I put a
> diode in series I only get 5 volts DC. I think I know what I have to
> do to get 12v (rectifiy both before combining.) however I must
> confess I hadn't anticipated that. Tis a rare day when you don't learn
> something.
> don
>
>
Hi Don,

Use a full-wave bridge across the series-ed windings instead of a single diode (which is half-wave rectifier). That'll give you 1.4X the total RMS transformer voltage with a capacitor-input filter, minus an amount which depends on the load on the supply. If the voltage is too high under load, knock it down with a 7812 regulator chip and a npn power transistor connected as a "pass" device (emitter follower).

With a half-wave rectifier, the integrated (DC) voltage is less because you've only got half the waveform to work with.

73,
-Larry/NE1S

11539. Re: [AWA Group] New PSU for my old Military Rigs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-27 20:39:11 UTC
From: dulmagedon@...
Topic: 11524 Message: 11539

Thanks I on it!
don

11540. Re: [AWA Group] New PSU for my old Military Rigs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-27 22:31:32 UTC
From: dulmagedon@...
Topic: 11524 Message: 11540

I whipped up a bridge from my junk box. It is working but I am about a volt light underload some of which is because I am at the end of a rural feed on an old green transformer that has been patched several times and I am around 113 volts most of the time. I can pull about another 1/2 volt I think by getting creative. I am going to have to filter some as I can hear it in the monitor on transmit. Anyway it works , Volume is excellent on receive and RF out on transmit is up almost 20% . Nothing is getting hot and no funny smells so this is good.
That was a very interesting deal BTW. I took the opportunity to poke around the circuit just for fun to see what where and why before installing the bridge. I will order a "real" one with a better rating. These are 3 amp diodes and I know I am pushing them even though they are not complaining yet. Some kind of a SSB contest on this afternoon even in the "AM Window" I offered them the chance to log a vintage AM station but alas no takers. No sense of adventure I guess.
don
BTW on ebay right now a photo of Montreal RCAF Electronics School (No 1 Wireless group I believe is the technical name) Middle row 4th from the right with a bit of a grin I believe is my Dad. I wasn't around then but have a photo of him about 2 years later in uniform in my living room. Looks like a match to me. He was an instructor there for most of the war. I saved it and will ask him on my next visit.
don

11541. Unusual Regen Receiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-29 01:28:32 UTC
From: Niel - W0VLZ
Topic: 11541 Message: 11541

Has anyone ever seen references to a three tube regen receiver with tubes mounted horizontally? See http://www.ebay.com/itm/Home-Brew-Regenerative-Receiver-Battery-tubes-about-1932-/291501766254

How about the sort of 7 pin power plug it needs?

73,
Niel - W0VLZ

11542. Re: Unusual Regen Receiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-06-29 15:18:24 UTC
From: dulmagedon@...
Topic: 11541 Message: 11542

Me I would change the power plug since it is backwards. I always want the socket in the PSU so there are no hot pins. I have two 1930s three tube circuits but don't know if one is this one. The tube through the hole is most cool.
don

11543. Re: [AWA Group] New PSU for my old Military Rigs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-03 17:37:28 UTC
From: dulmagedon@...
Topic: 11524 Message: 11543

I found in my junk box three very serious 20 volt 12000uf dual section caps. I just finished installing one in the PSU using only one section and tested it with all A set heaters on. 14.73 volts which is well within normal charging voltages for automotive 12 volt applications. Depending on manufacturers 13.8v (chrysler)to 15.2 v(ford) is what one normlly sees when servicing these systems. Virtually anything in the 14 volt range would work well without trouble. Since these radios are designed for vehicle use I am assuming they have to be happy with the same.
don

11544. HK-24 Triode

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-04 20:45:38 UTC
From: Rj Mattson
Topic: 11544 Message: 11544

I have a Stancor 60P xmtr with a bad HK-24 Triode PA.
Is there a close cheaper relative to the HK-24?
Regards,
bob...w2ami x wn2ami 1962

11545. Re: [AWA Group] HK-24 Triode

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-05 03:54:30 UTC
From: Ron Barlow
Topic: 11544 Message: 11545

I believe that the 25T/3-25A3 is essentially identical. It was manufactured by Eimac and probably others.
73 de ron n4gjv

On Sat, 7/4/15, Rj Mattson wn2ami@gmail.com [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] HK-24 Triode
To: "Group AWA" <AWAGroup@yahoogroups.com>
Date: Saturday, July 4, 2015, 4:45 PM

I have a Stancor 60P xmtr
with a bad HK-24 Triode PA.Is there a close
cheaper relative to the
HK-24?Regards,bob...w2ami x wn2ami
1962

11546. Fwd: Night of Nights 2015! - MRHS Newsletter No, 51

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-05 11:44:38 UTC
From: Bill Stewart
Topic: 11546 Message: 11546

To those interested, it's Maritime Radio Historical Society Night of Nights time again. Newsletter 51 gives all the details. KPH, KFS, KSM, WLO & KLB will be active. May be the last time USCG stations will participate. K6KPH & W4WLO will be active. The coastal stations will operate on numerous old ship/shore CW channels including around 500kc . Also great info on antique receivers the MHRS has recently received:
RCA SSB R-3, IP-501A, RAZ-1, AR-8510.
The restoration of these receivers and other info makes very interesting reading.
73 de Bill K4JYS

From: "Maritime Radio Historical Society" <info@...>
To: cwopr@...
Sent: Saturday, July 4, 2015 8:57:18 PM
Subject: Night of Nights 2015! - MRHS Newsletter No, 51

Having trouble viewing this email? Click here...

MRHS Newsletter No. 50

Dedicated to True Believers Worldwide

Special Night of Nights Edition

4 July 2015

Newsletter back issues click HERE MRHS Web site click HERE

Basic Event Enformation: Date: 12 July 2015 Pacific Daylight Time

First Transmission form MRHS Stations: 5:01pm Pacific Daylight Time 12 July, 0001Z 13 July 2015

Full details below

> Historic coast stations KPH, KFS, KSM, WLO AND KLB will be on the air!

> USCG stations NMC, NMW and NMQ will return to the air - possibly for the last time!

> RCA "H Set" Transmitter 298 will be on the air (KSM 22Mc)

> 1942 Press Wireless PW15 transmitter will be on the air (KFS 12Mc)

> K6KPH will be listening for calls and signal reports

> W4WLO will be listening for calls and signal reports

> Hear about Night of Nights on KWMR

> Join us in person or on the air!

But wait, there's more:

> Attend a special presentation on the history of KPH

> Project to rebuild a RCA SSB R3 diversity receiver
> 1925 Radiomarine IP-501-A receiver obtained by MRHS - and more!

> Frank Geisel's Report No. 3 for June/July 1946

> Antenna Report

Clearly we have a lot to cover in this issue. But before we dive in we'd like to solicit your support for our activities like Night of Nights and the ongoing maintenance and repair of the transmit and receive stations and their associated antenna fields. As many True Believers know, we suffered significant damage to our antenna field in a December storm. This included the felling of a 100ft antenna pole which took out the MF antenna and three antennas (including the MF Marconi T).

Downed pole in Bolinas antenna field

Since then Roy Henrichs of the Transmitter and Operations Departments has done a thorough survey of every antenna at the transmit and receive site, so we know where we stand. The picture is daunting. Everything from the guy anchors to the poles themselves is in need of repair or replacement. But now we are ready to start reversing years of deferred maintenance. To do this we figure we'll just about deplete our bank account, money that's there only because True Believers have contributed very generously to the MRHS. Can you assist with a contribution? Any donation you can make will be very deeply appreciated and will go directly to support our efforts. Just click on the button below.

Thanks,

MRHS

Make a Donation

> Night of Nights 2015!

It's that time of year again. Time to honor all those ops who came before us by preserving their skills, traditions and culture through on the air operations.

Why 12 July? Long time True Believers know the story. But it may be worth repeating for new arrivals and to remind everyone of the traditions we hope to keep alive.

On 12 July 1999 some very tough looking grizzled old radio pioneers had tears in their eyes as the last commercial Morse code radiogram was sent. It was the end of an era. And as the last beeps faded away into the static they witnessed the end of the career to which they had devoted their lives.

Paul Zell sends the last commercial Morse messages at KFS/KPH - or so it was thought

These men - and some women - had stood watch over the airwaves on shore and at sea. Theirs was mostly the business of maritime commerce. But when their ship was in peril they were called upon to send the most electrifying three letters in radio, S O S , knowing that all

their fellow radio operators would press their earphones close to get every scrap of information and bring aid to their stricken ship.

Once, our coasts were dotted with great Morse code radio stations, all communicating with ships at sea. They're all gone now... all except one, the one they called the Wireless Giant of the Pacific, located at Point Reyes.

On that sad day in 1999 another event took place. The Maritime Radio Historical Society (MRHS) was formed. We made it our life's work to honor the men and women of wireless by restoring that wireless giant. One year and one minute later the giant's voice once again spanned the oceas as we picked up the thread and kept the faith with our colleagues of the air.

Every year since, in an event that became known as the Night of Nights, Morse code station KPH has returned to the air, joined by KFS and the station of the MRHS, KSM.

This year our friends and colleagues at USCG station NMC have labored mightily to bring that storied call sign back to life on Morse code for the evening along with NMQ in Cambria, CA..

And station NMW in Astoria, OR will be on the air as well.

Stations WLO and KLB will join us again as hey have in years past.

This is a global and local event. Hundreds of listeners around the world will be waiting with their earphones on, waiting for the signals of the great station to once again arc over the dome of the Earth to their receivers.

You can be with us in person!

Dozens of people will join us at the RCA receiving station in the Point Reyes National Seashore to watch as the signals are transmitted by hand using vintage telegraph keys.

A guest operating position will be available so bring your key and 'phones or use ours and operate K6KPH. No license required! So if you're an ex-commercial op who never became a ham here's your chance to sling some Morse again. Or if you hold a current commercial radiotelegraph ticket you can operate KPH, KFS and/or KSM and have your license endorse to that effect.

This year we will have our custom made endorsement stamp available to add that special touch to your ticket.

Chief Operator Richard Dillman at Position 1

Date: Friday 12 July 2015 Pacific Daylight Time

Location: RCA receiving station, 17400 Sir Francis Drake Blvd., Point Reyes National Seashore

Click HERE for a map of the location from Google Maps

Time: Doors open at 3:00pm pdt, first transmission 5:01pm pdt (0001gmt 13 July)

Refreshments: Served

Photographs: Encouraged

Tours: Given

None of this would have been possible without the trust and vision of the Point Reyes National Seashore . The only reason these facilities were spared the bulldozer that visited all the others is that they are on park land. And the only reason they have been restored to operation is that the PRNS staff understood their importance and trusted the MRHS to restore them to life.

MRHS Stations

Notice: At press time we have not received authorization to use the KPH and KFS frequencies. A special update will be sent when final information is received.

Sixteen transmitters will be on the air from the MRHS transmitter site in Bolinas. That doesn't include transmitters held in ready reserve in case of failure. Members of the crack MRHS Transmitter Department and the H Set Team will be on hand to assure that all goes well.

> KPH:

Frequency Transmitter Antenna

500/426 Henry MF-5000D Marconi T (Off the air, antenna down)

4247.0 RCA K Set Double Extended Zepp
6477.5 RCA K Set Double Extended Zepp
8642.0 RCA L Set Double Extended Zepp
12808.5 RCA L Set H over 2
17016.8 RCA L Set H over 2

22477.5 RCA H Set H over 2

The restoration of the H set has been chronicled in past issues of the Newsletter. It will return to revenue service for the first time in decades for Night of Nights. See Newsletter No. 38 for information about and photos of this magnificent transmitter.

> KFS

We want to offer our sincere thanks to Globe Wireless for the help and support they have provided for our project since the very beginning.

Frequency Transmitter Antenna

12695.5 Press Wireless PW15 H over 2
17026.0 Henry HF-5000D H over 2

> KSM

Frequency Transmitter Antenna

500/426 Henry MF-5000D Marconi T (Off air, antenna down)
8438.3 Henry HF-5000D Double Extended Zepp 12993.0 Henry HF-5000D H over 2
16914.0 Henry HF-5000D H over 2

Verification card for K6KPH. A similar card is available for KSM. Both were designed by Paul Shinn

> K6KPH

K6KPH ops will monitor the frequencies below as propagation and the number of available operators permit.

Frequency Transmitter Antenna

3550.0 Henry HF-5000D Double Extended Zepp
7050.0 RCA L Set Double Extended Zepp
14050.0 Henry HF-5000D H over 2
18097.5 Henry HF-5000D H over 2
21050.0 Henry HF-5000D H over 2

> Reception Reports

Reception reports and verification requests for the MRHS stations listed above may be sent to:

Maritime Radio Historical Society
PO Box 392
Point Reyes Station, CA 94956
USA

> Station Telephone

The receive site may be contacted by phone on 415-669-9646

> Hear about Night of Nights on KWMR

Community radio station in Point Reyes Station will broadcast a special presentation about Night of Nights on the Epicenter program at 5:00pm Pacific time 8 July. Listen directly to KWMR on 90.5 Point Reyes, 89.9 Bolinas or 92.3 in the San Geronimo Valley. Not in the listening area? No problem. Listen on line via the KWMR Website . Just click on Click to Play. Can't listen at that time? Again, no problem. Listen to the KWMR archive of the program. Click on the date, 8 July, and the program name, Epicenter.

USCG Stations

NOTICE!

This may very well be the last time ever that USCG stations can be heard on the air using A1A (Morse) emission. As new equipment is installed the hardware and wiring for Morse has been progressively removed. And the personnel who knowledgeable in the art retire or are reassigned. So be sure to listen for these stations.

Many USCG personnel at all levels are responsible for bringing these stations back on the air for Night of Nights 2104. We want to particularly thank ET1 Mike Leska and Chief Eric Simmons (Ret.) for taking the lead for this year's project.

NMC/NMQ verification card from Night of Nights 2014

> NMC (Transmit Bolinas, Receive Pt. Reyes)

Frequency Transmitter Antenna

472.0 Nautel ND2500TT/6 173' monopole tower
500.0 Nautel ND2500TT/6 173' monopole tower
6383.0 Rockwell-Collins RT-2200 Omni-directional
8574.0 Rockwell-Collins RT-2200 Omni-directional
17220.5 Rockwell-Collins RT-2200 Omni-directional

NOTE regarding NMC/NMQ/NMW MF transmissions. Only one MF transmitter will be in service at each station. Morse transmissions will be made on an as-available basis from each station as USCG operators must also accommodate scheduled NAVTEX transmissions.

> NMQ (Transmit Cambria, CA, Receive and Control Pt. Reyes)

NMQ Transmitters

Frequency Transmitter Antenna

448.0 Nautel ND2500TT/6 Inverted L
500.0 Nautel ND2500TT/6 Inverted L

> NMW (Transmit Astoria, OR, Receive and Control Pt. Reyes)

Capacitive top hat transmitting antenna at NMW

Frequency Transmitter Antenna

448.0 Nautel ND2500TT/6 Capacitive top hat
500.0 Nautel ND2500TT/6 Capacitive top hat

> Reception Reports

Reception reports and verification requests for the USCG stations listed above may be sent to:

Attn: OSCS Phil Marsh
USCG CAMSPAC Point Reyes
17000 Sir Francis Drake Blvd.
Point Reyes Station, CA 94956
USA

Shipcom LLC Stations

All thanks to Rene at WLO and CJ at KLB for the work they do each year to bring these stations back on the air. They are true radiomen.

> WLO

2055.5
4343.0
8658.0
12992.0
16968.5

> KLB

488.0
500.0
8582.5

> Reception Reports

Via email (for both stations) to: wloradio@...

> W4WLO

Here's great information just received from Rene Steigler of WLO:

We will activate W4WLO ON 40 and 20 meter CW for Night of Nights. We are thinking 7055/14055 so as not to interfere with K6KPH.

Be sure to listen for W4WLO and give them a buzz.

> Calling Channels

All commercial and USCG stations listed above will listen for calls from ships on 500kc and on ITU Channel 3 HF:

4184.0
6276.0
8368.0
12552.0
16736.0
22280.5

Listen on these frequencies if you want to copy both sides of ship to shore contacts.

> Commemorative Messages

Was your father, uncle or grand dad a commercial op or amateur operator? Would you like to send a commemorative message in their honor over KPH, KFS and KSM? We have sent several of these messages in past events and they were all very moving. If you would like us to send such a message this year please send it to us no later than Wednesday 9 July pdt so we can be sure to include it. Sent it to info@...

> Attend a special presentation on the history of KPH

The Novato, CA library has kindly invited Chief Operator Dillman to present his famous lecture and slide show on the history of wireless in West Marin at 6:00pm on 29 July. The presentation will cover in detail the span of this dramatic story from the establishment of the first Marconi stations at Bolinas and Marshall in 1914 including both trans-oceanic operations and the history of KPH.

Many photograph that have never before been seen in public will be shown. If the history of maritime communications is an interest of yours, this presentation is not to be missed. The Novato library can accommodate 60 people. There are still a few good seats left. So mark your calendar and join us at this event.

Date: 29 July 2015
Time: 6:00 pm
Location: Novato library, 1720 Novato Blvd, Novato CA 94947

Phone: +1 415-473-2050
Google Maps: Click HERE

> Project to rebuild a RCA SSB R3 diversity receiver!

This should probably be the headline story for this issue of the Newsletter. In fact if this wasn't the Night of Nights special issue, it would have been. Hold on to your earphones: the MRHS has plans to rebuild a RCA SSB R3 diversity receiver! This is real Jurassic Park stuff.

If that statement doesn't quite cause you to gasp in amazement then we refer you to information about the magnificent R3 in Newsletter No. 16 and Newsletter No. 19 . At the time this information was written the crack H Set Crew had completed three years of work to bring T3 transmitter 298 on line at Bolinas. The T3 is a four channel independent sideband transmitter used in trans-oceanic point to point service. But we never expected to have the companion R3 diversity receiver to show visitors. There once were dozens of these receivers in the receiving room upstairs at Point Reyes. But they had all gone to the dump, leaving us with just a few fragments.

Now comes a overseas seller with just about all the components needed to rebuild a R3! Needless to say we struck a deal for everything he had, figuring that True Believers would approve of this expenditure of the funds they had donated to the MRHS.

At press time the status is that everything is in a wooden crate undergoing customs inspection in New York. We have to wonder what they will make of this stuff! Once the crate is released by customs we assume it will be loaded on a truck for shipment to San Francisco.

We have to say that the business of international shipping is complex, with endless forms and the need for brokers and agents. Nevertheless, if this effort produces a complete and working R3 receiver that we can show folks when they visit, we think it will be worth it.

Where to put the receiver? Sadly, it can't go back into the receiving room at Point Reyes. That room is now Park Service offices. But! The receivers for the last point to point link were actually installed just outside the CW operations room while the receiving room was being torn apart of a satellite Earth station. So our plan is to install the completed receiver in that same space, completing the circle and returning a functioning R3 to the very spot where one of its magnificent brothers once stood.

Of course we will keep you posted on our progress.

> 1925 Radiomarine IP-501-A Receiver Obtained by MRHS

When we started the KPH restoration project back in 1999 one of the first things we did was to gather up all the historic photographs of the station and go over them carefully and repeatedly to extract and absorb all the important details they contained. One of our favorite photos is of the KPH receive position taken in 1920. The station had just moved to the original Marconi trans-oceanic receive site at Marshall. As always, the KPH operation had secondary status and the ops were relegated to a corner of the building, huddled over their receivers, their Western Electric 509 headphones clamped to their heads, their Underwood mills at the ready.

KPH ops on duty at Marshall

There are lots of details in the photo including the land line telegraph sounder to the left, chattering out messages from Bolinas and San Francisco in American Morse. Yep, the operators had to be bilingual in Morse. But if course it's the IP-501 receivers that draw the eye of the True Believer .

The IP-501, made primarily by Wireless Specialty Apparatus Co., was the standard commercial receiver of the day, used aboard ship and at coast stations like KPH and WUP of the US Army at Ft. Mills in the Philippine Islands (below) .

It used a single tube as the detector although provision was made for the use of an external crystal detector. Note the external two step audio amplifier connected to the right of each receiver in the KPH photo. This allowed excellent headphone volume as well as the ability to use a horn speaker.

For years we mooned over these receivers, hoping to add one to our collection. We wanted one for two reasons: for display to visitors and so we could experience what it was like to operate one of these receivers, so different from a modern receiver or even a 70 year old receiver from WWII.

We suppose there's something to the saying that all things come to those who wait because an IP-501-A receiver recently became available. The A model incorporates the two step audio amplifier in the receiver cabinet. The receiver on offer was expensive but in superb condition. Plus it was made by Radiomarine, thus providing direct lineage to RCA and KPH. So, after much discussion, we decided to make the purchase.

When the receiver arrived, MRHS members gathered with great reverence to observe its careful unpacking. It was everything we hoped it would be. Luckily, one of our number, Steve Sparks, has an IP-501. He is also a radio historian and a gifted radio diagnostician. He took charge of the slow and careful process of bringing the receiver to operational status.

One of the first orders of business, after checking the tubes (all RCA, by the way), was to select the correct grid leak resistor for stable operation.

That's when we discovered that, yes Virginia, there really *is* such a thing as a grid leak drip pan!

We don't know why but for some reason we found it astounding to see that a resistor manufacturer of the 1920s had enough of a sense of humor to produce these as promotional items. They must be rare as chicken lips. Anyway, we had never seen any before.

After the hilarity died down we returned to work. Life giving voltages were applied to the proper terminals. The tubes grew warm. The earphones came alive. The receiver was in great shape, requiring only a little tweaking (and a bit of a steep learning curve on our part). Then it came time to attach an antenna to see what we could hear. The tuning range of the receiver is 300 to 8000 meters (38kc to 1Mc). Our targets were the non-directional beacons at the local airports. We used a selective voltmeter to assure that signals could be heard on the hastily strung up wire antenna (the Marconi T antenna overloaded the receiver). Then we tuned for those signals on the IP-501-A.

Bob Dildine tunes the selective voltmeter while Steve Sparks manipulates the controls of the
IP-501-A.

It was old guys working with old radio gear at an old receive site on a foggy day at Point Reyes. How much better can it get? Well, we guess it got maybe even a little better when we placed the IP-501-A on a special table to had made just for it and placed the horn speaker on top. Not just any horn speaker, mind, but the exact same make and model horn speaker we see in photos of KPH at Marshall.

The IP-501-A on its custom made table, with horn speaker, in the main hall of the receive site at Point Reyes

Now, how about the reception of some signals in the MF marine band? Our plan is to tune the receiver to the KSM 426kc signal to demonstrate it to visitors. But alas, as noted above, our MF transmit antenna is on the ground. But! MRHS Transmitter Supervisor Steve Hawes is also a member of the radio department (in fact, he *is* the radio department) aboard SS RED OAK VICTORY/KYVM . The ship, with Steve at the key, was on the air on 6 June (D-Day) on MF and we copied his 500kc signals on the IP-501-A!

Here are some notes from Steve Sparks on the work we did on the receiver:

Before applying power to the receiver, we first checked audio transformers, fixed and variable condensers, and the grid leak. Everything was good except for one open solder joint. We installed tested tubes and were able to hear things. Operation of the controls was puzzling until we discovered that two knobs were installed 180 degrees out of correct alignment, making the primary circuit tuning knob tune backwards and reversing the sense of the coupling control. Excessive howling was greatly improved with the installation of a slightly lower value grid-leak resistor. Using a long feed line as an antenna seemed to be causing overload, so we put up a 100 foot wire and that worked better. Impulse noise was reduced with a common-mode power line filter on the power supply. With that final improvement, we were able to log four NDBs at mid-day, the farthest being FCH Fresno 344 kc, about two hundred miles away.
Steve

Partial view of the Treasure Room. Strict rule: no drooling.

The next step is for you to join us at the receive site some Saturday. Identify yourself as a True Believer for admission to our Treasure Room where the IP-501-A and many other items of interest reside.

> Another Receiver!

Another historic Radiomarine receiver has recently arrived. Actually there are three components involved: receiver CRM-46092, preselector AR-8503-P and power supply CRM-20096, known collectively by the military as RAZ-1.

This receiver is the direct descendant of the IP-501-A, replacing it in most shipboard installations. It covers 15kc to 600kc in four ranges. While it is clearly a more modern and easier to use receiver, it's amazing how many features and similarities it has with the IP-501-A. At this writing the components have been cleaned and inspected. Much to our relief all three units appear unmodified and in excellent condition. Like its IP-501-A older brother, The CRM-46092 will be brought to life for display and use at the MRHS.

Flash!

Just before press time life giving voltages were applied to the RAZ-1. All components came up and functioned as they should! It just shows the result careful engineering and quality

construction. Non directional beacons and WWVB at 60kc were received without difficulty in daylight.

The receiver, preselector and power supply will be properly mounted and prepared for display to visitors. Plus we plan to use it to monitor 500kc and the KSM transmissions on 426kc.

> And Yet ANOTHER Receiver!

We are very fortunate to have in our collection the descendant of the CRM-46092, the Radiomarine AR-8510. This is the main ship receiver that was supplied with the Radiomarine 3U and 4U radio consoles. It was also used at some coast stations, including post war KPH.

This receiver too will be restored to operational status.

In combination, these three receivers will permit us to show the history and development of marine receivers from the 1920s through WWII and beyond, since many of the Victory and Liberty ships that were activated for the war in Viet Nam were equipped with 3U and 4U consoles.

Once restored, all three receivers will be placed in the Treasure Room at the receive site. When you come to visit, be sure to whisper the words "True Believer" to a MRHS member for a Treasure Room viewing opportunity.

> Frank Geisel's Report No. 3 June/July 1946

Beginning in Newsletter No 49 we began presenting FG's KPH reports from the years immediately following WWII after the station was re-opened for commercial service. Let's look in at his reports for

June and July 1946 as Frank continues to battle interference, ships that won't call KPH to clear traffic and operators who find life in West Marin too rugged and expensive.

In June the good news was that the installation of a crystal oscillator in BL2 was completed. However the key clicks from VFN were so broad they were interfering with KPH on 8420kc. Message levels were fairly good. A new man hired last month, N.C. Kumler, decided West Marin wasn't for him and departed..

In July

> MRHS Merchandise

Support the MRHS and look cool at the same time. Such a deal! We've got hats, mugs, T shirts, belt buckles and bumper stickers, all with variations of the MRHS logo. Get a hat and mug for yourself and a put yourself in solid with the XYL by getting her a MRHS hoodie.

Click on the images to go to the True Believers Store

Just click on the images above to go to the MRHS True Believers store and browse our offerings. Thanks!

Whew! Okay, that's it for this issue. Thanks for reading. We very much look forward to hearing you on the air or seeing you in person on Night of Nights. Until then we wish you the best of luck and fair winds & following seas.

73,

MRHS

Forward this email

This email was sent to cwopr@... by info@... |
Update Profile/Email Address | Rapid removal with SafeUnsubscribe ™ | Privacy Policy .

Maritime Radio Historical Society | PO Box 392 | Point Reyes Station | California | 94956

11547. Reverse beacon lingo

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-05 12:40:50 UTC
From: dulmagedon@...
Topic: 11547 Message: 11547

What does LoTW mean? I have been watching the reverse beacon for 80M looking for my next victim (someone under 200 Miles away) and see that after an entry here and there. I have no idea what it means. There seems to be a lot of CQing but not much activity even though obviously conditions are not bad judging by where they are being heard.
don

11548. Re: [AWA Group] Reverse beacon lingo

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-05 13:05:32 UTC
From: Bill Stewart
Topic: 11547 Message: 11548

Don, LOTW is the Logbook of the World. Its run by the ARRL and is used
for QSLing, electronic style, and keeping up with various ARRL awards, like
DXCC, etc. I think you have to have a compatible logging program to upload
your log extracts and the other guy the same. Then the LOTW will match up
QSOs, etc. Takes place of paper cards. I don't use it and don't know much
abt it, but that's the gen. jist. Any one using it and can explain better?
73 de Bill K4JYS

The RBN is pretty neat...eh. I use it quite a lot to see if I'm getting out. I get
a few surprises sometimes too.

----- Original Message -----

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Sunday, July 5, 2015 8:40:50 AM
Subject: [AWA Group] Reverse beacon lingo

What does LoTW mean? I have been watching the reverse beacon for 80M looking for my next
victim (someone under 200 Miles away) and see that after an entry here and there. I have no
idea what it means. There seems to be a lot of CQing but not much activity even though
obviously conditions are not bad judging by where they are being heard.
don

11549. Re: HK-24 Triode

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-05 14:05:01 UTC
From: n3ibx
Topic: 11544 Message: 11549

Hello Bob W2AMI,
Good to hear from you OM! If you have a bad HK24 triode in yoiur Stancor 60P look no further. I have a 60P and a NIB HK24 spare I can give you, just send me something to my email address to let me know for sure (n3ibx@...).

Perhaps we can have a 60P to 60P QSO someday. Mine will do 30W out on 'Fone modulated by 6L6G's, and about 40 plus on CW. The plate current is just over 100 ma when properly loaded.
You tune your oscillator for maximum smoke,(switch position #1) then (position #3 for plate current) dip to about 110ma. and you'll be good to go.Switch position number 2 reads modulator current.

At resonance the diminuitive HK24 tantalum plate will glow a bright cherry orange just like it's big brother be-tantalumed triodes. The spare and tube I have in my transmitter isn't a Eimac but something else I think. It'll still work FBOM for you.

Hope to hear from you soon and very best regards. Hello to the XYL from me.

Joe Cro N3IBX

11550. Re: [AWA Group] Reverse beacon lingo

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-05 18:02:04 UTC
From: dulmagedon@...
Topic: 11547 Message: 11550

Thanks Bill,
Everyone is getting so sophisticated. I thought it meant low tone or something ;>)
don

11551. Re: [AWA Group] Reverse beacon lingo

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-05 18:27:46 UTC
From: Bill Stewart
Topic: 11547 Message: 11551

Right Don,
Us tubers gotta mix the hi tech with the old sometimes...hi.
Bill

----- Original Message -----

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Sunday, July 5, 2015 2:02:04 PM
Subject: Re: [AWA Group] Reverse beacon lingo

Thanks Bill,
Everyone is getting so sophisticated. I thought it meant low tone or something ;>)
don

11552. Speaking of Old Tubers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-05 19:15:22 UTC
From: dulmagedon@...
Topic: 11552 Message: 11552

I was down in the vintage shack just now looking for something and decided to fire up the 1920s style AM rig I built early this year. It is a 171A Hartley modulated bya 01A which is in series with the B- for the 171A and controlled by a carbon mic circuit. Mic bias is stolen from the 01As battery heater supply. It is amazing to me how this old stuff works and it is hard not to grin a bit when playing with it. If one had this stuff back then you would have thought you were king!
don

11553. Re: [AWA Group] Reverse beacon lingo

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-05 21:05:40 UTC
From: N1BUG
Topic: 11547 Message: 11553

I use LoTW and your description is about right. As a DXer LoTW has been a godsend for me. I only wish more people would use it. Many logging programs automate the process, as does the one I use. However just about all logging programs probably have the ability to export the log as an ADIF format file, which with a bit more effort can be uploaded to LoTW.

73,
Paul N1BUG

On 07/05/2015 09:05 AM, Bill Stewart cwopr@... [AWAGroup] wrote:

Don, LOTW is the Logbook of the World. Its run by the ARRL and is used
for QSLing, electronic style, and keeping up with various ARRL awards, like
DXCC, etc. I think you have to have a compatible logging program to upload
your log extracts and the other guy the same. Then the LOTW will match up
QSOs, etc. Takes place of paper cards. I don't use it and don't know much
abt it, but that's the gen. jist. Any one using it and can explain better?
73 de Bill K4JYS

The RBN is pretty neat...eh. I use it quite a lot to see if I'm getting out. I get
a few surprises sometimes too.

From: "dulmagedon@... [AWAGroup]"
To: AWAGroup@yahoogroups.com
Sent: Sunday, July 5, 2015 8:40:50 AM
Subject: [AWA Group] Reverse beacon lingo

What does LoTW mean? I have been watching the reverse beacon for 80M looking for my next victim (someone under 200 Miles away) and see that after an entry here and there. I have no idea what it means. There seems to be a lot of CQing but not much activity even though obviously conditions are not bad judging by where they are being heard.
don

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

11554. Re: HK-24 Triode

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-06 20:22:18 UTC
From: Rj Mattson
Topic: 11544 Message: 11554

Hi Joe aka n3ibx
Nice hear from you.
I had other group replies with HK info - tnx to all.
Joe, we might be the only two Stancor 60-P xmtr owners in the world :-)
I also have the ST-202-A, S-282 and 440M.
Tnx for the HK-24 offer.
Talk to u off group.
bob...w2ami x wn2ami 1962

11555. Re: [AWA Group] Unusual Regen Receiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-08 00:57:53 UTC
From: Niel - W0VLZ
Topic: 11541 Message: 11555

It turns out this is a Ross Hull design. His article describing it is in
the June '30 issue of QST. The main point of the article is the gain of
the '33 used as the AF stage but the radio is less than half the size of
the SW3.

The 33 is missing from mine. Does anyone have one to spare?

73,
Niel - W0VLZ
http://w0vlz.blogspot.com/2015/07/a-ross-hull-three-tube-regen.html

Niel - W0VLZ w0vlz@... [AWAGroup] wrote:
>
> Has anyone ever seen references to a three tube regen receiver with
> tubes mounted horizontally? See
> http://www.ebay.com/itm/Home-Brew-Regenerative-Receiver-Battery-tubes-about-1932-/291501766254
>
> How about the sort of 7 pin power plug it needs?
>
> 73,
> Niel - W0VLZ
>
>

11556. Re: [AWA Group] Unusual Regen Receiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-08 02:30:09 UTC
From: dulmagedon@...
Topic: 11541 Message: 11556

Very much enjoyed the tour of your Blog. Checked to see if you were on air. You weren't. Do you operate a lot?
I fire up almost everyday however often find no takers. Currently sitting on 3561kcs .
Where is the best spot? 3615?
don

11557. Re: [AWA Group] Unusual Regen Receiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-08 04:05:49 UTC
From: Niel - W0VLZ
Topic: 11541 Message: 11557

Don,

Glad you enjoyed the blog and website.

Most of my summer operating is in the park. I like to get out when I can here in MN. This coming Saturday mid day I'll be portable using my KX3 on 20 CW (around 14060) at Frontenac State Park, about an hour from here. The picnic area at Frontenac is on a 300' bluff overlooking the Mississippi. Great propagation to the east.

During the winter is when I get the most use out of my boat anchors in the basement, mostly during the AWA BK and LC CW Parties. But I do have my Utah Jr and HRO Sr set up right now. We might be able to QSO on 40...say around 7035 or 7110. Shall we try an evening sched?

73,
Niel - W0VLZ
https://www.prismnet.com/~nielw/wa5vlz.htm

dulmagedon@... [AWAGroup] wrote:
>
> Very much enjoyed the tour of your Blog. Checked to see if you were on
> air. You weren't. Do you operate a lot?
> I fire up almost everyday however often find no takers. Currently
> sitting on 3561kcs . Where is the best spot? 3615?
> don
>
>

11558. Re: [AWA Group] Unusual Regen Receiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-08 11:10:02 UTC
From: dulmagedon@...
Topic: 11541 Message: 11558

I have a internal repair to perform on my 40M boat anchor (WS No 19) Something in the PA smelt funny but no real smoke and output dropped. Probably the cap to ground is going bad after 72 years. It was the piont of trouble with all my ARC5s so I am used to the signs. But I will listen around on 20 with my modern rig on saturday just in case. I have two rigs on 80M but this time of year 80M can be a bit iffy although Lou and I pulled it off a couple of weeks back with my breadboard station. You are probably about 500 to 600 miles ATCF from me but I will check.
Hope you find a 33 for your regen. Love the thru the hole tube.
don

11559. Fwd: Night of Nights UPDATE - MRHS Newsletter No. 51a

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-08 18:09:04 UTC
From: Bill Stewart
Topic: 11559 Message: 11559

Here is some updated info.
Get those GC and MF receivers ready....
73, Bill K4JYS

----- Original Message -----

From: "Maritime Radio Historical Society" <info@...>
To: cwopr@...
Sent: Wednesday, July 8, 2015 1:00:54 AM
Subject: Night of Nights Update - MRHS Newsletter No. 51a

Having trouble viewing this email? Click here...

MRHS Newsletter No. 51a

Dedicated to True Believers Worldwide

Night of Nights Update Edition

7 July 2015

Newsletter back issues click HERE MRHS Web site click HERE

Good News To Report!

> MF Antenna Restored

> KPH and KFS Frequencies Confirmed

> Clarification: Sunday is the Day

> MF Antenna Restored - Your Donation Dollars at Work!

Readers of these pages will doubtless recall that for some time now we have been sharing tales of woe about winter storms, antennas down and how much it will all cost to make things right. Many True Believers stepped up to make contributions, which we have carefully set aside in our bank account.

As we have reported, a December storm took down one of the three poles supporting the Marconi T MF antenna at Bolinas. As Night of Night approached we realized it was impossible to think about the event with no signals on 500kc and 426kc.

A crack restoration team was assembled. We dipped into the funds supplied by our generous donors to buy materials and hire expert climbers. Today we headed out to the Bolinas antenna field with the steadfast objective of restoring the Marconi T. This evening we are tired, sun burned and worried about any poison oak we may have picked up. But! We hare exceedingly happy to report that... The Marconi T has been restored!

Climber ascends the 100ft center support pole for the Marconi T antenna next to the tuning house, Building 42

The Marconi T is the largest antenna at the site. The center vertical radiator is 95ft tall. The top capacity hat consists of two wires with an total span of 736ft.

Our objective was to restore the vertical radiator, restore one span of the top hat to the still standing pole, then restore the second half to a pole as close as possible to the location of the downed pole.

Climber on the center pole watches as the center radiator is pulled up toward him by the ground crew

Step by step the work progressed. The first two goals were met with relative ease but the third was a challenge. We had to support the other leg of the capacity hat in the middle of its span with an insulator mounted on an intermediate pole. A pulley was installed and the support successfully hoisted up.

One of the pulleys used for the Marconi T restoration, retrieved from KPH stock

Then we had to pick a pole at the right distance and direction to stand in for the one that's down. Luckily one of the poles for one of the H over 2 antennas fit the bill. After much bushwhacking we were able to install a pulley on that pole as well and hoist up the the final span of the capacity hat.

Climber installs a pulley atop one of the Marconi T end poles

There is still one major task ahead of us: re-tuning the antenna tuning unit to match the new antenna which will almost certainly have slightly different characteristics compared to the original antenna. But we have a special crew ligned up to do this on Saturday, just in time for Night of Nights. So, if all goes well, we will be back on MF in time for the event.

> KPH and KFS Frequencies Confirmed

In Newsletter No. 51 we mentioned that at press time our use of frequencies for KPH had not been confirmed. We are very pleased to report that confirmation has now been received so stations KPH, KFS and KSM will be on the air from our Bolinas site.

Happy listening!

Check Newsletter No. 51 for a complete listing of frequencies for all Night of Nights stations.

> Clarification: Sunday is the Day

There's no such thing as a shortcut. This was brought home to us when we used last year's Night of Nights announcement as a template for the 2015 announcement.

As many readers were kind enough to report, the wrong day for Night of Nights 2015 was mentioned. We apologize for the confusion. Here below is the correct information for the event:

Date: Sunday 12 July 2015 Pacific Daylight Time

Location: RCA receiving station, 17400 Sir Francis Drake Blvd., Point Reyes National Seashore

Click HERE for a map of the location from Google Maps

Time: Doors open at 3:00pm pdt, first transmission 5:01pm pdt (0001gmt 13 July)

Refreshments: Served

Photographs: Encouraged

Tours: Given

None of this would have been possible without the trust and vision of the Point Reyes National Seashore . The only reason these facilities were spared the bulldozer that visited all the others is that they are on park land. And the only reason they have been restored to operation is that the PRNS staff understood their importance and trusted the MRHS to restore them to life.

> MRHS Merchandise

Support the MRHS and look cool at the same time. Such a deal! We've got hats, mugs, T shirts, belt buckles and bumper stickers, all with variations of the MRHS logo. Get a hat and mug for yourself and a put yourself in solid with the XYL by getting her a MRHS hoodie.

Click on the images to go to the True Believers Store

Just click on the images above to go to the MRHS True Believers store and browse our offerings. Thanks!

Thanks for reading this Night of Nights update. We very much look forward to hearing you on the air or seeing you in person on Night of Nights. Until then we wish you the best of luck and fair winds & following seas.

73,

MRHS

Forward this email

This email was sent to cwopr@... by info@radiomarine.org |
Update Profile/Email Address | Rapid removal with SafeUnsubscribe ™ | Privacy Policy .

Maritime Radio Historical Society | PO Box 392 | Point Reyes Station | California | 94956

11560. Night of Nights UPDATE - MRHS Newsletter No. 51a

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-08 18:25:27 UTC
From: Bill Stewart
Topic: 11560 Message: 11560

First attempt didn't go thru...probably will later??

Here is some updated info:

> MF Antenna Restored

> KPH and KFS Frequencies Confirmed

> Clarification: Sunday is the Day

Get those GC and MF receivers ready....
73, Bill K4JYS

Link to UPDATES:

http://campaign.r20.constantcontact.com/render?ca=b0e270ed-0743-4fb8-9859-9e96138125ff&c=87e94620-790b-11e3-93dd-d4ae5292c4bc&ch=88dd6a20-790b-11e3-9409-d4ae5292c4bc

11561. 33

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-08 19:15:01 UTC
From: JAMES HANLON
Topic: 11561 Message: 11561

Neil,

Per your AWA post about the Unusual Regenerative Receiver, I went looking in my stash and I found a 33 you might want. It's a Cunningham C333 with a sort of tear-drop shaped bulb. There's a label on it that says "OK May 40." I just tested it on my trusty old Hickok 533 and it came up way into the green zone, above the nominal transconductance.

It's yours for the shipping cost. Interested?

Jim Hanlon, W8KGI

11562. RE: [AWA Group] Unusual Regen Receiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-08 19:11:45 UTC
From: Louis Vermond
Topic: 11541 Message: 11562

Hello Niel,

The 33 is missing from mine. Does anyone have one to spare? Have you found a 33? If not, I have a Canadian Rogers ST that tests very good. Good price too...

It turns out this is a Ross Hull design. ...Ah. Having a valve through a screen partition was common in the 1920-30s' English BC and HB ham RXs.

73, Lou

11563. Re: [AWA Group] Unusual Regen Receiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-09 00:35:31 UTC
From: Niel - W0VLZ
Topic: 11541 Message: 11563

Lou,

Maybe this explains the roots of the design, Hull was from Australia.
Until 1938 He couldn't even get a US ham license because he was not a
citizen.

>
> It turns out this is a _Ross Hull design_. ...Ah. Having a valve
> through a screen partition was common in the 1920-30s' English BC and
> HB ham RXs.
>
> 73, Lou
>
>
> --
>

11564. RE: [AWA Group] Unusual Regen Receiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-09 00:42:15 UTC
From: Louis Vermond
Topic: 11541 Message: 11564

Maybe this explains the roots of the design, Hull was from Australia. Definitely.

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Wed, 8 Jul 2015 19:35:31 -0500
Subject: Re: [AWA Group] Unusual Regen Receiver

Lou,

Maybe this explains the roots of the design, Hull was from Australia.

Until 1938 He couldn't even get a US ham license because he was not a

citizen.

>

> It turns out this is a _Ross Hull design_. ...Ah. Having a valve

> through a screen partition was common in the 1920-30s' English BC and

> HB ham RXs.

>

> 73, Lou

>

>

> --

>

11565. Breadboard on new PSU

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-11 06:05:50 UTC
From: dulmagedon@...
Topic: 11565 Message: 11565

I had my breadboard rig on an old PSU I made some years ago. I use it on my 29 radios as it has variable DC voltage for the heaters .It worked ok. Always had a bit if a hum despite my efforts to get rid if it but a handy piece none the less. I was in the shack playing today as it was for a bit too hot outside and realized the lower high voltage for the new PSU I built for my no19 will run it (the 6l6 breadboard rig) as well. Designed to supply approx 275 volts under load. it came in pretty close with loaded voltage of 282v. T(he PSU supplies 12vs DC for the military sets on pins 7 and 6 but also supplies 6.3 AC on pins 7 and 2 (pin seven being also ground) I use 7AC socket pinout for all PSUs and all radios in the shack. It eliminate mistakes. Pin 3 (plate) always has the moderate hi voltage Cathode comes out 8 and is also ground. Unusual hi voltages always come out the screen pin so any radio can be plugged into any PSU and only the proper voltages are delivered. So I plugged the breadboard rig into the new PSU. Everything looked good.
I hit the key after a few minutes warm up Nice. Without the voltage sag of the old light duty PSU the note was noticeably different. I spent the afternoon playing with several tubes , both 6v6 and 6l6 varieties. The 6L6G proved the best output even though it could have had probably almost double that for voltage and survive on CW. When adjusted up so everything was happy input power was 11.5 watts. Signal sounded clean on the monitor. Noticeably cleaner then the other PSU and the big transformer wasn't even breaking sweat. The Regen Rx works as well although not as clean as on batteries. Still even though at the time of day CHU could not be heard here on any rxs and antennas I was able to copy w1aw with ease so perhaps all will be well. I will try it again when east west propagation is good. So far I am thinking it is going to work out well.

don

11566. R2D2

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-11 11:01:46 UTC
From: Larry Szendrei
Topic: 11566 Message: 11566

http://www.ebay.com/itm/1X-TUBE-MARCONI-LV6-METAL-BASE-POWER-TRIODE-WIRELESS-TELEGRAPH-UK-RS237-AD1-/261954833191

11567. RE: [AWA Group] R2D2

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-11 11:18:40 UTC
From: Mike Feher
Topic: 11566 Message: 11567

Neat tube Larry. I have the German WWII equivalent. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, July 11, 2015 7:02 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] R2D2

http://www.ebay.com/itm/1X-TUBE-MARCONI-LV6-METAL-BASE-POWER-TRIODE-WIRELESS-TELEGRAPH-UK-RS237-AD1-/261954833191

11568. 1932 ARRL Handbook Single Control Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-12 11:18:34 UTC
From: dulmagedon@...
Topic: 11568 Message: 11568

I keep finding references to a Single control transmitter from the 1932 ARRL handbook. I believe it is a 6l6 design but I may be wrong. I have followed every link to it I can find but come up dry everytime. I would like to see a schematic , either here or by PM as I have an interest in building it I think. Anyone have access to it?
don

11569. Re: [AWA Group] 1932 ARRL Handbook Single Control Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-12 11:49:24 UTC
From: Bill Stewart
Topic: 11568 Message: 11569

Don,
I believe that's abt the same TX as in the Dec '29 QST. It is a TNT using a 210.
I see it in my 1933 ARRL handbook as well. I built one using a '01A which
worked pretty good. It was my first '20s rig and used it for several years in
the BK until I built a Hartley. You might be able to find info using TNT or Tuned-
Not-Tuned in your search...and also Dec 1929 QST. Sorry I don't have a
scanner, but I expect some-one on the list can furnish you with the info.
73 de Bill K4JYS

----- Original Message -----

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Sunday, July 12, 2015 7:18:34 AM
Subject: [AWA Group] 1932 ARRL Handbook Single Control Transmitter

I keep finding references to a Single control transmitter from the 1932 ARRL handbook. I believe it is a 6l6 design but I may be wrong. I have followed every link to it I can find but come up dry everytime. I would like to see a schematic , either here or by PM as I have an interest in building it I think. Anyone have access to it?
don

11570. Re: [AWA Group] 1932 ARRL Handbook Single Control Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-12 12:19:12 UTC
From: Larry Szendrei
Topic: 11568 Message: 11570

On 7/12/15 7:18 AM, dulmagedon@... [AWAGroup] wrote:
>
> I keep finding references to a Single control transmitter from the
> 1932 ARRL handbook. I believe it is a 6l6 design but I may be wrong. I
> have followed every link to it I can find but come up dry everytime. I
> would like to see a schematic , either here or by PM as I have an
> interest in building it I think. Anyone have access to it?
> don
>
>
It can't be a 6L6 design in 1932. Octal tubes didn't arrive on the scene
until 1935, and the 6L6 was born in 1936.

73,
-Larry/NE1S

11571. Re: [AWA Group] 1932 ARRL Handbook Single Control Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-12 13:36:39 UTC
From: dulmagedon@...
Topic: 11568 Message: 11571

Hi Hi , I guess that would be difficult in 1932! I should know that too. Silly me! Anyway I have not seen the article although the schematic is what I need. however if itisa directly heated tube circuit. I need to perhaps do my own variation. I have some early pentodes and sockets. DIrectly heated tubes are complicate things sometimes and I have many of the 29 rigs (Thanks Lou! Its all your fault ;>) I want to explore some 30s circuits. But no more rock control.I have had enough of that. Don't fence me in is my theme song!
So what do you think of the design Bill since you have a real live one. (As you know I am a big fan of the 01a as well. "The little tube that could" and no one realizes it.
don

11572. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-12 18:23:10 UTC
From: Louis Vermond
Topic: 130 Message: 11572

http://www.ebay.com/sch/cartago_delenda_est/m.html?item=261955068253&rt=nc&_trksid=p2047675.l2562

If you like early European valves..... WOW

11573. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-12 19:00:28 UTC
From: Mike Feher
Topic: 130 Message: 11573

I do not see any early ones! 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, July 12, 2015 2:23 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] eBay Alert

http://www.ebay.com/sch/cartago_delenda_est/m.html?item=261955068253
<http://www.ebay.com/sch/cartago_delenda_est/m.html?item=261955068253&rt=nc&
_trksid=p2047675.l2562> &rt=nc&_trksid=p2047675.l2562

If you like early European valves..... WOW

11574. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-12 21:09:52 UTC
From: Louis Vermond
Topic: 130 Message: 11574

Comparing to English valves, some shapes suggest 1920s.

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Sun, 12 Jul 2015 15:00:28 -0400
Subject: RE: [AWA Group] eBay Alert

I do not see any early ones! 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, July 12, 2015 2:23 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] eBay Alert http://www.ebay.com/sch/cartago_delenda_est/m.html?item=261955068253&rt=nc&_trksid=p2047675.l2562

If you like early European valves..... WOW

11575. RE: [AWA Group] 1932 ARRL Handbook Single Control Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-12 21:35:39 UTC
From: Louis Vermond
Topic: 11568 Message: 11575

I want to explore some 30s circuits. But no more rock control. Based what is found in QST and Handbooks from that period, this might be a problem, Don.

The TNT was still being featured in the '34 hdbuk, but all other oscillator rig circuits found in that edition were C.C.

Have never looked thru a '35 handbook. What type of "beginners rig" circuit was featured there anyone?

73, Lou

11576. RE: [AWA Group] 1932 ARRL Handbook Single Control Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-12 22:19:04 UTC
From: Steve Flood
Topic: 11568 Message: 11576

How about the ECO and Tri-Tet of the 30's?

You might check out the 6L6 ECO - 809 or 807 PA rig that popped up in the handbooks and HamTips of the 30's.

I've got an 802 ECO - 809 PA rig that I started on several years ago but has fallen low in the build list.

Steve KK7UV

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11577. Re: [AWA Group] 1932 ARRL Handbook Single Control Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-12 23:40:38 UTC
From: Bill Stewart
Topic: 11568 Message: 11577

Best I remember, Don, the TNT worked fine. I had to do some tweaking on the grid coil, but other than that worked pretty well from the start. A little chirpy and drifty but thats normal. With a some extra solid construction practice, you might make a pretty stable rig. At first I ran about 150-175vdc on the '01A, so output was very low, probably less than a watt, but made BK QSOs. Later went up a bit higher on B+ (I run 300vdc on a 1924 version of the '01A on the 1924 Meissner...so they can take it). If you don't get the info, I can try to get a copy of the 1929 version off my CD and email to you.
Bill

----- Original Message -----

From: "dulmagedon@yahoo.ca [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Sunday, July 12, 2015 9:36:39 AM
Subject: Re: [AWA Group] 1932 ARRL Handbook Single Control Transmitter

Hi Hi , I guess that would be difficult in 1932! I should know that too. Silly me! Anyway I have not seen the article although the schematic is what I need. however if itisa directly heated tube circuit. I need to perhaps do my own variation. I have some early pentodes and sockets. DIrectly heated tubes are complicate things sometimes and I have many of the 29 rigs (Thanks Lou! Its all your fault ;>) I want to explore some 30s circuits. But no more rock control.I have had enough of that. Don't fence me in is my theme song!
So what do you think of the design Bill since you have a real live one. (As you know I am a big fan of the 01a as well. "The little tube that could" and no one realizes it.
don

11578. Re: [AWA Group] 1932 ARRL Handbook Single Control Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-13 01:44:42 UTC
From: dulmagedon@...
Topic: 11568 Message: 11578

I added another rock to my collection to day. I now have 3736, 3561 and 3543 rocks for the breadboard. I think I can find two more at least. I think I have a bit of plan now. However I also have an 10 watt VFO run exciter from the OTHER handbook that is very buildable. I am thinking. OK Bill. Since I want to build it with a indirect heater tube I will just free build it from memory of my TNT with appropriate mods so i can use a indirect heart tube.
don

11579. RE: [AWA Group] 1932 ARRL Handbook Single Control Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-13 10:56:19 UTC
From: dulmagedon@...
Topic: 11568 Message: 11579

Yes that is a problem. This was the era I see as the dark ages. Probably not the wisest decision ever made. I do have a circuit called a 10 watt VFO /exciter in the 1940s OTHER handbook that I have been wanting to build. If it is in the 1940 book then it must have been around before that as Handbooks tend to be a summary of the best designs. It is a 3 tube circuit using a have most of the parts other then two variable caps which I can get with out too much trouble. However I would still , truth be known like to try a slightly modernized version of the TNT with octal tubes or at least not directly heated filament tubes. When modulating from the bottom which I like doing directly heated tubes present some problems which while not insurmountable are inconvenient at the least. I like 6l6s in all flavours and would like to use one in a TNT style circuit so I may just build one free style and see what it is like. And may just leave it on CW too. Other then my 1939 Hammarlund Shortwave manual I have no 1930s books. Only 1920s or 1940s and 1950s. The Hammarlund book has a VFO based 5 meter rig that would lend its self I think to a 40 meter design as well with a bit of minor work. I have just had enough of Crystal controlled HF rigs. A belly full if you will. Even my Dx60B in on the rocks although I did build it a VFO. I watch my early rigs on my digital rx as I monitor my signal with RF gain choked a bit.and no extended antenna. Any change in freq greater then the step will produce a note change in tone and once tuned up and running other then hand effect I find then sitting proper and not wandering around. One in particular I built doesnt even have hand effect. It is an AM two tube circuit using a 6sl7 osc modulator driving a 6v6 or 6l6 depending on power supply used. It is screen modulated and has a carbon mic battery biased circuit up front. It was kinda a free build and I have had it now a few years and have constantly rubbed on it till i have it working as I wished. Like all well rubbed on radios it shows its rubbing.
don

11580. Re: 1932 ARRL Handbook Single Control Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-13 15:56:42 UTC
From: JAMES HANLON
Topic: 11568 Message: 11580

I have ARRL Handbooks from 1931 and 1935. In the 1931 Handbook, the "Single Control Transmitter" is a UX-210 in a TNT circuit with the antenna tapped onto the plate coil through a .002 mfd condenser. A 500 volt power supply is specified. Coils are described for 160, 80, 40 and 20. By 1935 it had evolved slightly, using a 10 and link coupling to the plate coil. In the 1931 version the unturned grid coil was at the right-front of the breadboard, axis perpendicular to the plate coil axis. In the 1935 version it is on the right edge of the breadboard, axis parallel to the plate coil axis. It still uses the same power supply, and the coils are exactly the same.

I checked with QST, and the 1931 Handbook transmitter is the same one described by George Grammer in December, 1929 starting on page 25, "The Single Control Transmitter." There's one difference, Grammer did not include coils for 160, just for 80, 40, and 20.

Jim, W8KGI

11581. Re: 1932 ARRL Handbook Single Control Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-13 17:06:08 UTC
From: dulmagedon@...
Topic: 11568 Message: 11581

Thanks all. That would not be significantly different from my 45 TNT. However a 6l6 or 6v6 TNT is currently coming together here. I seem to have everything but a grid coil which I may wind this afternoon.
don

11582. RE: [AWA Group] Re: 1932 ARRL Handbook Single Control Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-13 17:10:08 UTC
From: Louis Vermond
Topic: 11568 Message: 11582
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Jim and tks...

So, this is what you are seeing below in the '35 edition?

Anyone... Were self-excited oscillator transmitters outlawed or just discouraged in the US?

From '34 handbook.

11583. Self-Excited Rigs Not Outlawed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-14 18:15:36 UTC
From: JAMES HANLON
Topic: 11583 Message: 11583

Self-Excited rigs were never outlawed in the US, but by 1934 it was becoming obvious that one could build a one-tube crystal controlled rig that would be a lot easier to adjust and that would out perform the typical self-excited TNT or Hartley for not much more than the cost of the Self-Excited rig. Certainly one QST article that helped this transition along is "A One-Tube Crystal-Controlled Transmitter, Practical Two-Band Operation With One Crystal," by George Grammar, QST, March 1934, page 8 and following. It describes a 59 pentode used in a Tri-Tet circuit for either 160 and 80 meters, 80 and 40 meters, or 40 and 20 meters. Output on the crystal fundamental frequency was about 7 watts with about 5 watts out on the second harmonic. You could even get a watt or so out on the fourth harmonic, and on 20 meters it can be quite surprising how far you can go on even that power level at the right time.

The QST Editor, K. B. Warner, put the following note at the head of the article. "QST's most recent development - the Tri-tet oscillator - has made the single-tube crystal transmitter a really practical affair at last. Practical because it is now possible to work equally well in two - and, in a pinch, in three amateur bands with a single crystal. Unless we miss our bet, this particular set marks the beginning of the era in which the new amateur's first transmitter will be crystal controlled. The design of the set is such that other higher power units of similar type can be added at will."

This transmitter, along with the type 10 TNT, was featured as a beginner's transmitter in the 1935 ARRL Handbook.

Just a side note, the 1931 Handbook shows a 150 watt, self-excited oscillator transmitter for 20 and 10 meters using push-pull 852s. That must have put out an interesting signal!

In the later 30s, crystal-controlled transmitters became pretty much the rule. By 1938 some folks were building "ECOs," low-powered Electron Coupled (variable frequency, self-excited) Oscillators (using tetrodes or pentodes with oscillation accomplished between the control and screen grids and coupled via the electron stream to the plate circuit for output), to drive the crystal oscillator stages in their rigs. See for example, "A Two-Tube E.C.O., "Beveridge, QST, August 1938, page 28; "Switched 6L6G Oscillator for Grid-Plate Crystal and ECO Operation," QST, May 1938, page 55; "An ECO of High Stability and Output," Guimont, QST August 1938, p 29 and October, page 109; "A Stabilized EC Oscillator," Scoville, QST August 1938, page 29; " A High-Frequency Exciter of Variable Frequency and High Stability," QST, July 1938, page 52; "Variable Frequency Control for Transmitters," Griffin, QST November 1938, page 28. Meissner introduced their "Signal Shifter," a self-contained 6F6/6L6 ECO Exciter with a built-in power supply and plug-in coils covering 160 through 10 meters in February 1938.

So from the early 30s to the later 30s, self-excited oscillators evolved from single-tube or two-tube push-pull triode jobs intended to deliver quite a few watts to the antenna by themselves to more sophisticated, Electron-Coupled tetrode or pentode, low power circuits, most often with one or more buffer stages following the oscillator, designed for stability and intended to drive the higher power stages of a multi-stage transmitter.

Jim, W8KGI

11584. Setting up the vintage station

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-14 22:59:30 UTC
From: dulmagedon@...
Topic: 11584 Message: 11584

With the breadboard rig running nicely I needed to move it to a more period correct spot in my vintage shack. Years ago we bought an old house and flipped it. 120 years old then and it had a handmade small table painted a generous coat of green paint. It had had a rough life but we still have it so It is now the table for my vintage station. Over the table I installed a porcelain light socket and installed a Nostalgia bulb (Lowes) which is said to look like Thomas Es original. A small power supply easily hidden that I had built for the BK now powers the sets. Had to rework my feedline so it would come into the shack more but just now fired it up, waited for warm up and sent CQ. Much to my surprise I got an answer from about 70Miles north of here. The band went to pot quickly but I was able to get in most of one exchange. Was using my new rock I found in my old stash. 3541kcs. Normally 70miles would be a bit close but for a few moments he was clear as a bell. May play later this evening after 9 if I am not too tired.
Jim, thanks for the history. Was poking away at the 6l6 tnt project today. No rush but it is on the bench. Meanwhile I may be having too much fun.
don

11585. Freed-Eisemann Model FE15 No. 284B

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-15 03:53:27 UTC
From: Steve
Topic: 130 Message: 11585

Is anyone familiar with this radio?

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11586. Re: Freed-Eisemann Model FE15 No. 284B

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-15 11:35:27 UTC
From: dulmagedon@...
Topic: 130 Message: 11586

FE15 1925 neutrodyne Three dialer five tubes . I have the next years model 1926, 6 tubes and different dials but construction is very similar. (Mine is a FE30)
don

11587. RE: [AWA Group] Self-Excited Rigs Not Outlawed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-15 13:59:52 UTC
From: Louis Vermond
Topic: 11583 Message: 11587

Thank you, Jim for this and the work put into it. You've gone well beyond the question asked. I have printed it for future reference.

May I create a File for it or perhaps you would care to?

73, Lou

Self-Excited rigs were never outlawed in the US, but by 1934 it was becoming obvious that one could build a one-tube crystal controlled rig that would be a lot easier to adjust and that would out perform the typical self-excited TNT or Hartley for not much more than the cost of the Self-Excited rig. Certainly one QST article that helped this transition along is "A One-Tube Crystal-Controlled Transmitter, Practical Two-Band Operation With One Crystal," by George Grammar, QST, March 1934, page 8 and following. It describes a 59 pentode used in a Tri-Tet circuit for either 160 and 80 meters, 80 and 40 meters, or 40 and 20 meters. Output on the crystal fundamental frequency was about 7 watts with about 5 watts out on the second harmonic. You could even get a watt or so out on the fourth harmonic, and on 20 meters it can be quite surprising how far you can go on even that power level at the right time.

The QST Editor, K. B. Warner, put the following note at the head of the article. "QST's most recent development - the Tri-tet oscillator - has made the single-tube crystal transmitter a really practical affair at last. Practical because it is now possible to work equally well in two - and, in a pinch, in three amateur bands with a single crystal. Unless we miss our bet, this particular set marks the beginning of the era in which the new amateur's first transmitter will be crystal controlled. The design of the set is such that other higher power units of similar type can be added at will."

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Just a side note, the 1931 Handbook shows a 150 watt, self-excited oscillator transmitter for 20 and 10 meters using push-pull 852s. That must have put out an interesting signal!

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Two-Tube E.C.O., "Beveridge, QST, August 1938, page 28; "Switched 6L6G Oscillator for Grid-Plate Crystal and ECO Operation," QST, May 1938, page 55; "An ECO of High Stability and Output," Guimont, QST August 1938, p 29 and October, page 109; "A Stabilized EC Oscillator," Scoville, QST August 1938, page 29; " A High-Frequency Exciter of Variable Frequency and High Stability," QST, July 1938, page 52; "Variable Frequency Control for Transmitters," Griffin, QST November 1938, page 28. Meissner introduced their "Signal Shifter," a self-contained 6F6/6L6 ECO Exciter with a built-in power supply and plug-in coils covering 160 through 10 meters in February 1938.

So
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Jim, W8KGI

11588. Re: [AWA Group] Re: Freed-Eisemann Model FE15 No. 284B

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-15 16:26:40 UTC
From: Steve
Topic: 130 Message: 11588

Thanks Don

> FE15 1925 neutrodyne Three dialer five tubes . I have the next years
> model 1926, 6 tubes and different dials but construction is very similar.
> (Mine is a FE30)
> don

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

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http://ve7sl.blogspot.ca/

11589. Re: Setting up the vintage station

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-16 02:55:00 UTC
From: dulmagedon@...
Topic: 11584 Message: 11589

Went on tonight just now the same fellow was waiting for me VE3DCX and came back immediately. Fading was bad and noise level very high but when it was good it was pretty good.Eventually after a few handovers it got too bad to continue. Still is a ball running the old style station.
Also this morning I dragged by bad No 19 set out. It is pretty rough and looks like it was sunk in water or something as the chassis an even the right handle is rusted. It was missing two tubes but I had them so popped them in. Sprayed contact cleaner on all the switches and cycled them till they felt free. I then hooked up my vibrator power supply with clip leads and lit it up. Darn thing works! Not perfectly but audio output, volume works BFo works , Spotting works and AVC works. Rf gain which is this sets claim to fame (this is a Mk 111) works and even though there were no stations on air at that time I can hear the antenna make its connection which is a good place to start. It had an intermittent and I traced i tto the 6k7 on the right hand middle side. When I tried to remove the shield it would not budge . Eventually I got it loose but the tube did not survive. There is one in the intercom that I don,t use or run so for now I can steal it.
I am amazed that a radio in this condition still functions. Now What?
don

11590. Re: Self Excited Rigs Not Outlawed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-16 17:43:41 UTC
From: JAMES HANLON
Topic: 11590 Message: 11590

Lou,

I'm flattered that you would want to put my post into a File, but please go ahead. I've just perused QST from the 30s era for a long time, and that sort of insight comes easily. It helps to have the QST View CDs from that time too.

73,

Jim

11591. RE: [AWA Group] Re: Self Excited Rigs Not Outlawed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-16 19:55:39 UTC
From: Louis Vermond
Topic: 11590 Message: 11591

There you are, Jim. Thanks again. Lou

To: awagroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Thu, 16 Jul 2015 11:43:41 -0600
Subject: [AWA Group] Re: Self Excited Rigs Not Outlawed

Lou,

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73,

Jim

11592. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-16 20:35:59 UTC
From: Louis Vermond
Topic: 130 Message: 11592

http://www.ebay.com/itm/OLD-VINTAGE-GREBE-CR-18-SHORTWAVE-RECEIVER-VERY-NICE-WITH-2-COILS-/201389640415?pt=LH_DefaultDomain_0&hash=item2ee3c20adf

11593. 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-19 12:35:31 UTC
From: dulmagedon@...
Topic: 11593 Message: 11593

I have been pursuing this project on the side since we talked about it. The tube is installed and wired along with shunt feed. I wont need as many parts because of the indirect heating of the filament no heater/kathode splitter network will be needed. I have the variable cap yet to mount and large tank coil to wind. I am building from memory and was ding well till I started making the grid coil. I made one but it is too low when installed so off with some windings. This will not be a pretty build as this chassis is my 6l6 experimental work piece and has more holes then an unused mailbox. I am having evil thoughts as I build. Why don't I do an 811A TNT? I already have a 211 but wasn't happy with it (although I still have it more or less all there.) Anyway it is happening. I ran into VE3DCX while operating my breadboard station . Turns out he is building a 1929 BK style rig. He is a pretty good operator. Is able to find you very quickly so he must constantly be checking. His CW is easy copy. He asked if 2a3 are legit for Bk. I believe they are . My search showed 1924. Any comment? He asked what I use. I was honest and said I have used 45s but prefer those little ruf and ready 01As. He has a bunch of all three tubes. Oh yeah. I had the 40m hartley AM rig on the bigger PSU the other night. Sounded great. But I discovered why power is sometimes reduced in AM mode. I was halfway into my second Cq call and the 171A started to turn orange. I shut of the modulator but it was too late as it went bright white before I could shut off all power. I felt like the guy who pulled out his tie and wet his pants. I haven't had the nerve to fire it back up on its old supply and see but I suspect it has passed on. However I do have Lou's old 45 . I better treat it with respect.
don

11594. Re: [AWA Group] 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-19 13:52:30 UTC
From: Roger Kuchera
Topic: 11593 Message: 11594

Don't forget to run the Shield pin to the cathode for metal 6L6s!!
Roger/K1TG

On Sunday, July 19, 2015 8:35 AM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv8058379489 #yiv8058379489 .yiv8058379489ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv8058379489 div.yiv8058379489ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv8058379489 div.yiv8058379489photo-title a, #yiv8058379489 div.yiv8058379489photo-title a:active, #yiv8058379489 div.yiv8058379489photo-title a:hover, #yiv8058379489 div.yiv8058379489photo-title a:visited {text-decoration:none;}#yiv8058379489 div.yiv8058379489attach-table div.yiv8058379489attach-row {clear:both;}#yiv8058379489 div.yiv8058379489attach-table div.yiv8058379489attach-row div {float:left;}#yiv8058379489 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv8058379489 div.yiv8058379489ygrp-file {width:30px;}#yiv8058379489 div.yiv8058379489attach-table div.yiv8058379489attach-row div div a {text-decoration:none;}#yiv8058379489 div.yiv8058379489attach-table div.yiv8058379489attach-row div div span {font-weight:normal;}#yiv8058379489 div.yiv8058379489ygrp-file-title {font-weight:bold;}#yiv8058379489 --> <!--#yiv8058379489 #yiv8058379489ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv8058379489 #yiv8058379489ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv8058379489 #yiv8058379489ygrp-mkp #yiv8058379489hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv8058379489 #yiv8058379489ygrp-mkp #yiv8058379489ads {margin-bottom:10px;}#yiv8058379489 #yiv8058379489ygrp-mkp .yiv8058379489ad {padding:0 0;}#yiv8058379489 #yiv8058379489ygrp-mkp .yiv8058379489ad p {margin:0;}#yiv8058379489 #yiv8058379489ygrp-mkp .yiv8058379489ad a {color:#0000ff;text-decoration:none;}-->

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bright white before I could shut off all power. I felt like the guy who pulled out his tie and wet his pants. I haven't had the nerve to fire it back up on its old supply and see but I suspect it has passed on. However I do have Lou's old 45 . I better treat it with respect.
don

11595. Re: [AWA Group] 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-19 20:01:29 UTC
From: Larry Szendrei
Topic: 11593 Message: 11595

On 7/19/15 8:35 AM, dulmagedon@... [AWAGroup] wrote:
>
> He asked if 2a3 are legit for Bk. I believe they are . My search
> showed 1924. Any comment?
>
Hi Don,

I'm not sure of the exact year, but the 2A3 came out in the early-mid
1930s. Definitely not "legit" for the BK.

73,
-Larry/NE1S

11596. Re: [AWA Group] 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-19 21:44:42 UTC
From: dulmagedon@...
Topic: 11593 Message: 11596

Ok Larry I will tell him. The RM site said 1924 so that is why I said that. Wouldn't be the first time they were incorrect. BTW I see your name as king of the AM contest. Let me take a moment to congratulate you. Nice job!
All this talk of the old rigs had me firing up my BK Hartley this afternoon. Once I got it lit I took the 171A I made glow in the dark and tried it. Works good. How it survived that I don't know but I am glad it did. I guess it is heat treated now.
Ah the shield connection. Good reminder. However I have to date never had a steel 6l6 in these mittens. Sometimes I wish I had a couple but so far no luck. I did a lot more on the 6l6 TNT this afternoon. Using already built stuff for most . coils, chokes etc etc so it is more assembly then anything. I am curious to see how it works.
don

11597. RE: [AWA Group] 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-19 22:57:05 UTC
From: Louis Vermond
Topic: 11593 Message: 11597

http://www.ebay.ca/itm/One-Single-Plate-2A3-Tube-By-Radiotron-Cunningham-Engraved-Base-/371171229326?pt=LH_DefaultDomain_0&hash=item566b877e8e

"Worth" more then a 202!

I ran into VE3DCX while operating my breadboard station . Turns out he is building a 1929 BK style rig. Do you know if Jim is a Group member, Don? Not familiar to me. Lou

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Sun, 19 Jul 2015 05:35:31 -0700
Subject: [AWA Group] 6L6 TNT

I have been pursuing this project on the side since we talked about it. The tube is installed and wired along with shunt feed. I wont need as many parts because of the indirect heating of the filament no heater/kathode splitter network will be needed. I have the variable cap yet to mount and large tank coil to wind. I am building from memory and was ding well till I started making the grid coil. I made one but it is too low when installed so off with some windings. This will not be a pretty build as this chassis is my 6l6 experimental work piece and has more holes then an unused mailbox. I am having evil thoughts as I build. Why don't I do an 811A TNT? I already have a 211 but wasn't happy with it (although I still have it more or less all there.) Anyway it is happening. I ran into VE3DCX while operating my breadboard station . Turns out he is building a 1929 BK style rig. He is a pretty good operator. Is able to find you very quickly so he must constantly be checking. His CW is easy copy. He asked if 2a3 are legit for Bk. I believe they are . My search showed 1924. Any comment? He asked what I use. I was honest and said I have used 45s but prefer those little ruf and ready 01As. He has a bunch of all three tubes. Oh yeah. I had the 40m hartley AM rig on the bigger PSU the other night. Sounded great. But I discovered why power is sometimes reduced in AM mode. I was halfway into my second Cq call and the 171A started to turn orange. I shut of the modulator but it was too late as it went bright white before I could shut off all power. I felt like the guy who pulled out his tie and wet his pants. I haven't had the nerve to fire it back up on its old supply and see but I suspect it has passed on. However I do have Lou's old 45 . I better treat it with respect.
don

11598. Re: [AWA Group] 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-20 00:29:16 UTC
From: Larry Szendrei
Topic: 11593 Message: 11598

On 7/19/15 5:44 PM, dulmagedon@... [AWAGroup] wrote:
>
> Ok Larry I will tell him. The RM site said 1924 so that is why I said
> that. Wouldn't be the first time they were incorrect. BTW I see your
> name as king of the AM contest. Let me take a moment to congratulate
> you. Nice job!
>
Thanks, Don. I'm not familiar with the "RM site." Do you have a link?

As far as the AM contest goes, I was really surprised, because I spent a lot of the time as W2AN, which took away from operating as NE1S. I was one of very few people who bothered to send in a log, as I understand it. AMers are notorious for disliking paperwork! I've won it (more legitimately) twice before.

> All this talk of the old rigs had me firing up my BK Hartley this
> afternoon. Once I got it lit I took the 171A I made glow in the dark
> and tried it. Works good. How it survived that I don't know but I am
> glad it did. I guess it is heat treated now.
> Ah the shield connection. Good reminder. However I have to date never
> had a steel 6l6 in these mittens. Sometimes I wish I had a couple but
> so far no luck. I did a lot more on the 6l6 TNT this afternoon. Using
> already built stuff for most . coils, chokes etc etc so it is more
> assembly then anything. I am curious to see how it works.
>

The screen grid may (or may not) interfere with proper oscillation as a TNT, if you connect the tube as a tetrode. The reason is the Cgp, which is part of the feedback loop, may be too small to sustain oscillation. Let us know how you make out. If you do have problems, you could try connecting the screen grid to the control grid and operate it as a triode. You could also try connecting the screen grid to the plate in a low-mu triode connection, but in this hookup you shouldn't exceed 300V on the plate/screen.

73,
-Larry/NE1S

11599. RE: [AWA Group] 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-20 00:34:59 UTC
From: Louis Vermond
Topic: 11593 Message: 11599

The reason is the
Cgp, which is part of the feedback loop, may be too small to sustain
oscillation.
If not, add external capacity?

11600. Re: [AWA Group] 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-20 02:09:46 UTC
From: dulmagedon@...
Topic: 11593 Message: 11600

Ok, I'll watch for that. I did build a Hartley 6l6 last fall and ran it for awhile. I am really curious to see if/how it works. I just poke away at it when I am in the shack "reading the mail" but it is coming along well. It aint pretty though. I really hope I don't have to triode connect it but we shall see.
don

11601. Re: [AWA Group] 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-20 02:53:59 UTC
From: dulmagedon@...
Topic: 11593 Message: 11601

2a3, I searched an English site. Other was in German. Date of first production as you said Larry 1936. Other site was apparently referring to the date of the 4 pin socket introduction (UX I think it is called) I saw the 1924 date and jumped to conclusions. Why that would be on the tube info is anyones guess. I went back and read it carefully then looked for another site. RM is Radio Museum. Often has info but always they want money and often it is in only the language of the submitter unless you join or pay. One can only pay for so much. I have my limits. RM is a Swiss entity so info is often in German, French, Italian or English
don

11602. Re: [AWA Group] 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-20 10:16:08 UTC
From: Larry Szendrei
Topic: 11593 Message: 11602

On 7/19/15 8:34 PM, Louis Vermond ldvermond@... [AWAGroup] wrote:
>
> The reason is the Cgp, which is part of the feedback loop, may be too
> small to sustain oscillation.
> If not, add external capacity?
>
>
Yes, that would work too. But it involves adding a component, while connecting the 6L6 as a triode would eliminate at least one component. Another thing to try might be to just eliminate the screen grid bypass capacitor, and let the screen float at RF, effectively increasing Cgp. This, as well as the triode connections, would reduce the gain (vs. the tetrode connection), which is probably desirable for a TNT (high gain tube -> less stability and more squirrelyness).

73,
-Larry/NE1S

11603. Re: [AWA Group] 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-20 10:18:13 UTC
From: Larry Szendrei
Topic: 11593 Message: 11603

On 7/19/15 10:53 PM, dulmagedon@... [AWAGroup] wrote:
>
> 2a3, I searched an English site. Other was in German. Date of first
> production as you said Larry 1936.
>
Ha! so the 2A3 came out the same year as the 6L6! Who woulda thunk?

73,
-Larry/NE1S

11604. Re: [AWA Group] 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-20 11:58:44 UTC
From: Jon Delventhal
Topic: 11593 Message: 11604

The 2A3 was released in 1933.

From: "Larry Szendrei ne1s@securespeed.us [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, July 20, 2015 5:18 AM
Subject: Re: [AWA Group] 6L6 TNT

> On 7/19/15 10:53 PM, dulmagedon@... [AWAGroup] wrote:
>
> 2a3, I searched an English site. Other was in German. Date of first production as you said Larry 1936.
> Ha! so the 2A3 came out the same year as the 6L6! Who woulda thunk?

73,
-Larry/NE1S

11605. Re: [AWA Group] 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-20 14:07:46 UTC
From: Larry Szendrei
Topic: 11593 Message: 11605

On 7/20/15 7:58 AM, Jon Delventhal ab9zg@... [AWAGroup] wrote:
> The 2A3 was released in 1933.
>
That sounds more like it.

73,
-Larry/NE1S

11606. Re: [AWA Group] 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-20 17:34:55 UTC
From: dulmagedon@...
Topic: 11593 Message: 11606

Whatever. Wish these tube history websites would all get together. Anyway I have informed the fellow not legal for BK so I did my part.
Meanwhile , back at the ranch I finished the project. The answer is a no. Neither normal connected, bypassed or not. triode connected or screen floated. Voltage checks looked good for all elements and I tried a 6v6 too just to see. My grid coil and tank are on the same frequency so my question has been answered. Now I could find an indirectly heated triode tube and pop it in that would work with a socket rewire but I don't need another rig. I just wanted to know if a single 6l6 could be easily built TNT.and now I do. Curious I guess.
don

11607. AWA Group 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-20 20:03:15 UTC
From: Ron Barlow
Topic: 11593 Message: 11607

Hi Don,
I am not certain that I understand correctly, but I believe that you are stating that your tnt will not oscillate????
The plate tank circuit of a tptg/tnt oscillator must be tuned to a somewhat higher freq than the grid circuit, in order to provide feedback in the proper phase to induce oscillation. If detuning the plate tank circuit toward the high freq side of the grid tank resonant freq does not induce oscillation, you might try adding a "gimmick" cap between the plate and grid, to increase the feedback.
I can't imagine this being necessary, at HF, with a 6L6, however. Perhaps the grid tank circuit is very lossy, or not tuned to the freq that you believe it is?? If you are determining the grid tank resonant freq with a GDO, etc., make certain that this test is performed with the 6L6 in the circuit. The resonant freq of such a low "C" tank circuit will be lowered substantially by the sddition of the input (Grid #1/cathode) capacitance of the 6L6 oscillator tube, and it may be too far removed in freq, from the plate tank circuit resonant freq, to permit oscillation.
GL & 73 de ron

On Mon, 7/20/15, dulmagedon@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] 6L6 TNT
To: AWAGroup@yahoogroups.com
Date: Monday, July 20, 2015, 1:34 PM

Whatever. Wish these tube history websites would
all get together. Anyway I have informed the fellow not
legal for BK so I did my part.
Meanwhile ,
back at the ranch I finished the project. The answer is a
no. Neither normal connected, bypassed or not. triode
connected or screen floated. Voltage checks looked good for
all elements and I tried a 6v6 too just to see. My grid coil
and tank are on the same frequency so my question has been
answered. Now I could find an indirectly heated triode tube
and pop it in that would work with a socket rewire but I
don't need another rig. I just wanted to know if a
single 6l6 could be easily built TNT.and now I do. Curious I
guess.
don

11608. Re: [AWA Group] AWA Group 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-21 00:38:35 UTC
From: Larry Szendrei
Topic: 11593 Message: 11608

On 7/20/15 4:03 PM, Ron Barlow imalowfer@... [AWAGroup] wrote:
>
> Hi Don,
> I am not certain that I understand correctly, but I believe that you
> are stating that your tnt will not oscillate????
> The plate tank circuit of a tptg/tnt oscillator must be tuned to a
> somewhat higher freq than the grid circuit, in order to provide
> feedback in the proper phase to induce oscillation. If detuning the
> plate tank circuit toward the high freq side of the grid tank resonant
> freq does not induce oscillation, you might try adding a "gimmick" cap
> between the plate and grid, to increase the feedback.
> I can't imagine this being necessary, at HF, with a 6L6, however.
> Perhaps the grid tank circuit is very lossy, or not tuned to the freq
> that you believe it is?? If you are determining the grid tank resonant
> freq with a GDO, etc., make certain that this test is performed with
> the 6L6 in the circuit. The resonant freq of such a low "C" tank
> circuit will be lowered substantially by the sddition of the input
> (Grid #1/cathode) capacitance of the 6L6 oscillator tube, and it may
> be too far removed in freq, from the plate tank circuit resonant freq,
> to permit oscillation.
>
Good thoughts, Ron.

I think if it were me, and my first effort was unsuccessful after trying a few obvious things, I'd fashion a makeshift adaptor to use his 6L6 in a known-good TNT (or whatever). It would take the coils, etc. out of the equation and prove (or not) the concept of the 6L6 TNT. Also, Don could try the tube from his working TNT in the new rig. If that combination worked, one could rule out the tank circuits and other parts of the circuit as being the culprits.

73,
-Larry/NE1S

11609. Re: AWA Group 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-21 02:03:06 UTC
From: dulmagedon@...
Topic: 11593 Message: 11609

Yes, I understand that. GDO of grid is 7210khz with 6l6G installed. Plate tank tunes 6255 to 10__ something, I forget except it more then covers it. I may try the gimmick however I just wanted to see what would happen if I built the circuit similar to my 45 TNT and my 6L6G breadboard deal which both work very well. I spent the day trying several variations of the circuits and am pretty well satisfied while it probably could be made to work it is not a very practical design for this beam power tube. This design of tube does not encourage self oscillatiion like the old pre 29 tubes do. I don't have a lot of formal training so I build it to see what happens as I find that easy.(and fun, truth be known.) What intriqued me was the circuit of a TNT is NOT that different them my breadboard crystal osc. Now I know it isn't the same but the component count on the difference is really quite small So I thought I would whip one up and see. I already have my answer I think. I think I can comfortably leave the experiment here and return to pounding brass on 80M. I have been having a lot of fun with the breadboard rig. As for this experiment I have a metal chassis with a 6l6 or 7AC pattern socket wired in I use it for trying things and it has been through several experiments. It doesn't take much to morph it from on to the other. In its last life it was a hartley with a single control (Dual 365 cap) tuning identical "tuned" coils but not identical sized coils(grid and plate tank) to test an theory I had about coils. It worked fairly well and even did some phone work but testing some of my modulation ideas but it is just a test bench. It has its own on board power supply. Usually cost is zero or nearly so. I might have spent $5 on this adventure. Cheap education. I now understand why crystal rigs became so popular despite their inconvenience. Ease of construction and easy to tune.
don

11610. Question re: Speaker field coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-21 18:18:10 UTC
From: Roger Kuchera
Topic: 11610 Message: 11610

Gentlemen, During the process of restoring a Emerson "tombstone" radio, I discovered that the speakerfield coil has gone open. The schematic states the resistance is 1800 Ohms. It's been manymoons since I had to deal with a problem like this. These sets used the field coil as the powersupply choke.

I think the short fix is to put a choke in the power supply buss and put a plate-to-loadtransformer in to drive a PM type speaker. Do I disregard the lesser resistance of the newchoke or add a resistor to make up the total resistance? Ideas? Suggestions? Any help wouldbe appreciated. Thanks.
Roger/K1TG

11611. RE: [AWA Group] Question re: Speaker field coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-21 18:29:58 UTC
From: Mike Feher
Topic: 11610 Message: 11611

Roger –

I would think that there would already be a plate to load transformer in there to drive the voice coil of the existing speaker, so, a new one is probably not necessary for the PM speaker. As far as the choke resistance, I would be concerned about dynamic regulation of the B+. 1800 ohms does seem high for the field coil, so, it implies that the IR drop across it is acceptable after rectification to generate the proper B+. I would probably experiment with some resistance after the choke (depending on the new choke R) and before the filter cap until you get the voltage the tubes are rated/looking for. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, July 21, 2015 2:18 PM
To: AWAGroup
Subject: [AWA Group] Question re: Speaker field coils

Gentlemen,

During the process of restoring a Emerson "tombstone" radio, I discovered that the speaker

field coil has gone open. The schematic states the resistance is 1800 Ohms. It's been many

moons since I had to deal with a problem like this. These sets used the field coil as the power

supply choke.

I think the short fix is to put a choke in the power supply buss and put a plate-to-load

transformer in to drive a PM type speaker. Do I disregard the lesser resistance of the new

choke or add a resistor to make up the total resistance? Ideas? Suggestions? Any help would

be appreciated. Thanks.

Roger/K1TG

11612. Re: [AWA Group] Question re: Speaker field coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-21 18:41:14 UTC
From: Roger Kuchera
Topic: 11610 Message: 11612

GA Mike, Thanks for the suggestions. Yes, that is about what I was thinking. The restoration is in its earlystages, so nothing is cast in concrete. Take care and stay well. Roger/K1TG

On Tuesday, July 21, 2015 2:30 PM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv4142919146 #yiv4142919146 -- #yiv4142919146 .yiv4142919146ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv4142919146 div.yiv4142919146ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv4142919146 div.yiv4142919146photo-title a, #yiv4142919146 div.yiv4142919146photo-title a:active, #yiv4142919146 div.yiv4142919146photo-title a:hover, #yiv4142919146 div.yiv4142919146photo-title a:visited {text-decoration:none;}#yiv4142919146 div.yiv4142919146attach-table div.yiv4142919146attach-row {clear:both;}#yiv4142919146 div.yiv4142919146attach-table div.yiv4142919146attach-row div {float:left;}#yiv4142919146 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv4142919146 div.yiv4142919146ygrp-file {width:30px;}#yiv4142919146 div.yiv4142919146attach-table div.yiv4142919146attach-row div div a {text-decoration:none;}#yiv4142919146 div.yiv4142919146attach-table div.yiv4142919146attach-row div div span {font-weight:normal;}#yiv4142919146 div.yiv4142919146ygrp-file-title {font-weight:bold;}#yiv4142919146 #yiv4142919146 #yiv4142919146 #yiv4142919146 -- _filtered #yiv4142919146 {font-family:Helvetica;panose-1:2 11 6 4 2 2 2 2 2 4;} _filtered #yiv4142919146 {font-family:Wingdings;panose-1:5 0 0 0 0 0 0 0 0 0;} _filtered #yiv4142919146 {panose-1:2 4 5 3 5 4 6 3 2 4;} _filtered #yiv4142919146 {font-family:Calibri;panose-1:2 15 5 2 2 2 4 3 2 4;} _filtered #yiv4142919146 {font-family:Tahoma;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv4142919146 {font-family:Verdana;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv4142919146 {font-family:Consolas;panose-1:2 11 6 9 2 2 4 3 2 4;}#yiv4142919146 #yiv4142919146 p.yiv4142919146MsoNormal, #yiv4142919146 li.yiv4142919146MsoNormal, #yiv4142919146 div.yiv4142919146MsoNormal {margin:0in;margin-bottom:.0001pt;font-size:12.0pt;}#yiv4142919146 a:link, #yiv4142919146 span.yiv4142919146MsoHyperlink {color:blue;text-decoration:underline;}#yiv4142919146 a:visited, #yiv4142919146 span.yiv4142919146MsoHyperlinkFollowed {color:purple;text-decoration:underline;}#yiv4142919146 p {margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv4142919146 code {}#yiv4142919146 pre {margin:0in;margin-bottom:.0001pt;font-size:10.0pt;}#yiv4142919146 tt {}#yiv4142919146 span.yiv4142919146HTMLPreformattedChar {font-family:Consolas;}#yiv4142919146 p.yiv4142919146attach, #yiv4142919146 li.yiv4142919146attach, #yiv4142919146 div.yiv4142919146attach {margin-right:0in;margin-left:0in;font-size:9.0pt;}#yiv4142919146 p.yiv4142919146bold, #yiv4142919146 li.yiv4142919146bold, #yiv4142919146 div.yiv4142919146bold {margin-right:0in;margin-left:0in;font-size:10.0pt;font-weight:bold;}#yiv4142919146 p.yiv4142919146green, #yiv4142919146 li.yiv4142919146green, #yiv4142919146 div.yiv4142919146green

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li.yiv4142919146ad1, #yiv4142919146 div.yiv4142919146ad1
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tion:underline;}#yiv4142919146 span.yiv4142919146yshortcuts1
{font-weight:bold;}#yiv4142919146 span.yiv4142919146yshortcuts2
{font-weight:normal;}#yiv4142919146 span.yiv4142919146EmailStyle34
{color:#1F497D;}#yiv4142919146 .yiv4142919146MsoChpDefault {font-size:10.0pt;} _filtered
#yiv4142919146 {margin:1.0in 1.0in 1.0in 1.0in;}#yiv4142919146
div.yiv4142919146WordSection1 {}#yiv4142919146 _filtered #yiv4142919146 {} _filtered
#yiv4142919146 {font-family:Symbol;} _filtered #yiv4142919146 {} _filtered #yiv4142919146
{font-family:Wingdings;} _filtered #yiv4142919146 {font-family:Wingdings;} _filtered
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{font-family:Wingdings;} _filtered #yiv4142919146 {font-family:Wingdings;}#yiv4142919146
ol {margin-bottom:0in;}#yiv4142919146 ul {margin-bottom:0in;}#yiv4142919146

Roger – I would think that there would already be a plate to load transformer in there to drive the voice coil of the existing speaker, so, a new one is probably not necessary for the PM speaker. As far as the choke resistance, I would be concerned about dynamic regulation of the B+. 1800 ohms does seem high for the field coil, so, it implies that the IR drop across it is acceptable after rectification to generate the proper B+. I would probably experiment with some resistance after the choke (depending on the new choke R) and before the filter cap until you get the voltage the tubes are rated/looking for. 73 – Mike

Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, July 21, 2015 2:18 PM
To: AWAGroup
Subject: [AWA Group] Question re: Speaker field coils Gentlemen, During the process of restoring a Emerson "tombstone" radio, I discovered that the speakerfield coil has gone open. The schematic states the resistance is 1800 Ohms. It's been manymoons since I had to deal with a problem like this. These sets used the field coil as the powersupply choke.

I think the short fix is to put a choke in the power supply buss and put a plate-to-loadtransformer in to drive a PM type speaker. Do I disregard the lesser resistance of the newchoke or add a resistor to make up the total resistance? Ideas? Suggestions? Any help wouldbe appreciated. Thanks. Roger/K1TG

11613. Re: AWA Group 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-21 19:22:40 UTC
From: dulmagedon@...
Topic: 11593 Message: 11613

BUT perhaps I spoke too soon! I went back to it after lunch today and discovered a RF choke leaking to ground. These are from a new batch I just bought and this was the first I used them. Plate voltage seemed low to me based on my experience with 6l6s and their cosuins so I went looking for the diagnoser's three friends. "NEW, LOOSE and WARM)New & Warm paid off and I subbed it with the last of my old ones which are a different construction and away she went. It worked best as I first built it with one exception. I changed the grid resistor to get a little more definate action and was handsomely paid back with a strong signal. Key down at the MA meter tune dip 41 ma at 313 volts. I know. Not legal for BK. Don't worry it isnt anyway being a 6l6G. Not a lot of difference to the crystal controlled breadboard rig. Essentially choke and a crystal replaced with GL assembly and a grid coil which is what interested me in trying in the first place. I spent so time optimizing the grid coil after I got it running as dynamic operation is a bit different then grid dip passive testing. I will play with my Antenna link out for a bit till I am happy with it then put it on the air. 40m . Currently best output or sweet spot is at 7018kcs.(It is UGLY though! I am calling it "Frankenstein")
don

11614. Re: [AWA Group] Re: AWA Group 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-21 19:41:28 UTC
From: Larry Szendrei
Topic: 11593 Message: 11614

On 7/21/15 3:22 PM, dulmagedon@... [AWAGroup] wrote:
>
> BUT perhaps I spoke too soon! I went back to it after lunch today and
> discovered a RF choke leaking to ground. These are from a new batch I
> just bought and this was the first I used them. Plate voltage seemed
> low to me based on my experience with 6l6s and their cosuins so I went
> looking for the diagnoser's three friends. "NEW, LOOSE and WARM)New &
> Warm paid off and I subbed it with the last of my old ones which are a
> different construction and away she went. It worked best as I first
> built it with one exception. I changed the grid resistor to get a
> little more definate action and was handsomely paid back with a strong
> signal. Key down at the MA meter tune dip 41 ma at 313 volts. I know.
> Not legal for BK. Don't worry it isnt anyway being a 6l6G. Not a lot
> of difference to the crystal controlled breadboard rig. Essentially
> choke and a crystal replaced with GL assembly and a grid coil which
> is what interested me in trying in the first place. I spent so time
> optimizing the grid coil after I got it running as dynamic operation
> is a bit different then grid dip passive testing. I will play with my
> Antenna link out for a bit till I am happy with it then put it on the
> air. 40m . Currently best output or sweet spot is at 7018kcs.(It is
> UGLY though! I am calling it "Frankenstein")
> don
>
>
> --
>
Good show, OM!

73,
-Larry/NE1S

11615. RE: [AWA Group] Re: AWA Group 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-21 20:48:22 UTC
From: Louis Vermond
Topic: 11593 Message: 11615

Tks Don.

Ugly or not, how abt a photo? Lou
To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Tue, 21 Jul 2015 15:41:28 -0400
Subject: Re: [AWA Group] Re: AWA Group 6L6 TNT

On 7/21/15 3:22 PM, dulmagedon@...
[AWAGroup] wrote:

BUT perhaps I spoke too soon! I went back to it after
lunch today and discovered a RF choke leaking to ground.
These are from a new batch I just bought and this was the
first I used them. Plate voltage seemed low to me based on
my experience with 6l6s and their cosuins so I went
looking for the diagnoser's three friends. "NEW, LOOSE and
WARM)New & Warm paid off and I subbed it with the last
of my old ones which are a different construction and away
she went. It worked best as I first built it with one
exception. I changed the grid resistor to get a little
more definate action and was handsomely paid back with a
strong signal. Key down at the MA meter tune dip 41 ma at
313 volts. I know. Not legal for BK. Don't worry it isnt
anyway being a 6l6G. Not a lot of difference to the
crystal controlled breadboard rig. Essentially choke and
a crystal replaced with GL assembly and a grid coil which
is what interested me in trying in the first place. I
spent so time optimizing the grid coil after I got it
running as dynamic operation is a bit different then grid
dip passive testing. I will play with my Antenna link out
for a bit till I am happy with it then put it on the air.
40m . Currently best output or sweet spot is at
7018kcs.(It is UGLY though! I am calling it
"Frankenstein")

don

Good show, OM!

73,

-Larry/NE1S

11616. RE: [AWA Group] Re: AWA Group 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-22 02:29:34 UTC
From: dulmagedon@...
Topic: 11593 Message: 11616

Ok Lou. Let me take a time to make it a bit more presentable then I will photogragh it and post. It is kinda nice to be able to roam around a bit. Has a chirp. I might be able to make it a bit better behaved with some thought and trial and error. Going to be an interesting deal I think.
don

11617. RE: [AWA Group] Re: AWA Group 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-22 03:54:32 UTC
From: dulmagedon@...
Topic: 11593 Message: 11617
Attachments: 1 described; binary payloads are missing from this source WARC

In the back is the power supply. A 24 volt transformer run on its 220 volt primary giving a net 12 volts fed through a pair of dropping resistors. Why would I use them? I ave two friends in the heating business and they keep giving them to me. The other side is a doubler off the line voltage.
Grid coil is the small one to the left of the tube. larger one is plate tank and the dual BCB variable cap from an AA5 . Both sections are used now . Tank coil is shunt fed and is at ground potential. Tube is an old 6l6G. Underneath is a grid leak (1000 ohms/ 100 pfs) a screen resistor, currently 25K, A parasitic suppressor directly on the plate connection and a RF choke or plate choke if you like. Cathode lead has a 100ohm resistor bypassed by a 01ufd cap. Rig is cathode keyed. Output is two turns of stiff No 12 wire around the tank coil.
Not much too it really. I tried it tonight but no contacts..
don

11618. RE: [AWA Group] Re: AWA Group 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-22 22:09:53 UTC
From: dulmagedon@...
Topic: 11593 Message: 11618

Gridleak R is 10,000ohms not 1000 ohms (10k) sorry.
I have been rubbing on this today. Slowly it is becoming a better rig I think. Somewhere I have an unstable capacitor. It wants to drift a couple of Kcs over a few minutes of hard operation. I suspect the 100pf gridleak cap is the culprit. I will dig through my parts bin and see if I can find a better quality one. I could change the value too but for now I just want to see if that is the cause. It is usable though. Just my other VFOs don't do that (except my rice box) I don't know what the end result will be like however if it continues to improve as I rub on it it may be a decent little inexpensive transmitter. Right now it is too early to say for sure. I had it on 40m today (7061khz)Today I built a partition between RF and power supply. It liked that right away.
don

11619. RE: [AWA Group] Re: AWA Group 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-23 16:11:23 UTC
From: dulmagedon@...
Topic: 11593 Message: 11619

I have just about hit the end of the road with this project for now. I have learned a lot of interesting things from it. Before I put it away, Lou did you want to try a QSO with me using it ? Seemed to me you mentioned that ealier. My best operational window is approx 7030 to 7060.
don
What did I learn? I learned that a mopa with a gentle running osc would be a better performer from some standpoints however it is usable. Yes a crystal control would work fine if you like being rockbound. I don't!

11620. Re: [AWA Group] Re: AWA Group 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-23 18:46:58 UTC
From: Steve
Topic: 11593 Message: 11620

Do you still have the drift problem with the 6L6 TNT Don?

Steve

>I have just about hit the end of the road with this project for now. I have
>learned a lot of interesting things from it. Before I put it away, Lou did
>you want to try a QSO with me using it ? Seemed to me you mentioned that
>ealier. My best operational window is approx 7030 to 7060.
> don
> What did I learn? I learned that a mopa with a gentle running osc would be
> a better performer from some standpoints however it is usable. Yes a
> crystal control would work fine if you like being rockbound. I don't!

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

11621. RE: [AWA Group] Re: AWA Group 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-23 21:56:16 UTC
From: Louis Vermond
Topic: 11593 Message: 11621

Lou did you want to try a QSO with me using it ? Seemed to me you
mentioned that ealier. My best operational window is approx 7030 to
7060.

Don,

Tks for the photo. QSO? Sure. How about tomorrow Friday during the daytime? Time and frequency of choice your call. You call me...

73, Lou

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Thu, 23 Jul 2015 09:11:23 -0700
Subject: RE: [AWA Group] Re: AWA Group 6L6 TNT

I have just about hit the end of the road with this project for now. I have learned a lot of interesting things from it. Before I put it away, Lou did you want to try a QSO with me using it ? Seemed to me you mentioned that ealier. My best operational window is approx 7030 to 7060.
don
What did I learn? I learned that a mopa with a gentle running osc would be a better performer from some standpoints however it is usable. Yes a crystal control would work fine if you like being rockbound. I don't!

11622. Re: [AWA Group] Re: AWA Group 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-24 01:01:56 UTC
From: dulmagedon@...
Topic: 11593 Message: 11622

I have reduced it to the point it is a minor issue, Steve. It was most interesting working through it.
don

11623. RE: [AWA Group] Re: AWA Group 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-24 01:08:03 UTC
From: dulmagedon@...
Topic: 11593 Message: 11623

OK Lou. I am fiddle playing in the morning but should be home sometime between 12 and 1 and should already have been fed and watered. Tentatively 7050kcs and we will shoot for 2 oclock.
don

11624. RE: [AWA Group] Re: AWA Group 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-24 19:56:49 UTC
From: Louis Vermond
Topic: 11593 Message: 11624

Hi Don,

It's about 4 and I've just now getting to the computer and your letter. Sri OM...

7050kcs and we will shoot for 2 oclock... Can we make this Sunday or any day next week?

Lou

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Thu, 23 Jul 2015 18:08:03 -0700
Subject: RE: [AWA Group] Re: AWA Group 6L6 TNT

OK Lou. I am fiddle playing in the morning but should be home sometime between 12 and 1 and should already have been fed and watered. Tentatively 7050kcs and we will shoot for 2 oclock.
don

11625. RE: [AWA Group] Re: AWA Group 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-25 00:50:16 UTC
From: dulmagedon@...
Topic: 11593 Message: 11625

It OK. I had one of those days too. I gave it a shot at 2 between visitors. We will do it some other time. I have stashed it for now and am working on the bench on a triple double tube AM rig I was working on. (12ah7 osc buffer, 6sn7 audio amp modulator and a 829B final.)
The 6l6 TNT was a good project for me I learned a lot from it. Well worth the effort. So is it a good rig? No not really. It is no better then my 45 TNT for sure and has issues it doesn't. Right church, wrong pew thing. Because I can compare it quickly with the breadboard crystal controlled 6l6 rig since the circuits have only two significant differences I can see why crystal control became quickly popular. I don't like crystal control because I don't like having only one or two frequencies. My next will be a build from the 1940 "Radio Handbook" a 10 watt VFO exciter. Someday of course . Not tomorrow. I have a couple of real good working VFOs based on 6sn7 tube. Very stable with no bad habits. However I would like to see what this handbook design works like. It uses a 6l6 final.
don

11626. RE: [AWA Group] Re: AWA Group 6L6 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-07-25 14:11:30 UTC
From: Louis Vermond
Topic: 11593 Message: 11626

My next will be a build from the 1940 "Radio Handbook" a 10 watt VFO exciter.
Happy building, Don. 73, Lou

To: AWAGroup@yahoogroups.com
From: AWAGroup@yahoogroups.com
Date: Fri, 24 Jul 2015 17:50:16 -0700
Subject: RE: [AWA Group] Re: AWA Group 6L6 TNT

It OK. I had one of those days too. I gave it a shot at 2 between visitors. We will do it some other time. I have stashed it for now and am working on the bench on a triple double tube AM rig I was working on. (12ah7 osc buffer, 6sn7 audio amp modulator and a 829B final.)
The 6l6 TNT was a good project for me I learned a lot from it. Well worth the effort. So is it a good rig? No not really. It is no better then my 45 TNT for sure and has issues it doesn't. Right church, wrong pew thing. Because I can compare it quickly with the breadboard crystal controlled 6l6 rig since the circuits have only two significant differences I can see why crystal control became quickly popular. I don't like crystal control because I don't like having only one or two frequencies. My next will be a build from the 1940 "Radio Handbook" a 10 watt VFO exciter. Someday of course . Not tomorrow. I have a couple of real good working VFOs based on 6sn7 tube. Very stable with no bad habits. However I would like to see what this handbook design works like. It uses a 6l6 final.
don

11627. House wiring causing a problem

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-01 00:08:18 UTC
From: dulmagedon@...
Topic: 11627 Message: 11627

I have had some strange things happening in the downstairs shack. Hum problems and lots of electrical noise plus a few phantom failures that made to me no sense. Minor problems but a pain non the less. Lately I got the idea maybe this section of the house, or more specifically this room was wired wrong. So I tested it. neutral was on the wrong side of the outlet. Why I thought if this I don't know it was just a gut feeling something was wrong. So today I fixed it. Already my breadbox transmitter sounds cleaner and some bad hum issues have been significantly improved. Funny changes on signals when I plug in this or that are gone and I am anticipating improved operating conditions. I have lived here since 86 but we didnt use that room for other then storage till I got into the AM and old 29 style rigs. Will be trying later tonight when 80 opens up on 3561 +or - using CW. Probably lose my title now. BWS.
don

11628. New HB Xmtr Using a 2A5

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-02 21:56:07 UTC
From: Bill Stewart
Topic: 11628 Message: 11628

GA all,
I just made the first QSO with a new HB xmtr. Made it into TN with a 569C,
(on 40 mtrs) report and am all smiles.

The rig is from July 1934 RADIO mag. and is xtal controlled. It uses a 2A5 tube.
I am running at low power for testing...about 250vdc plate and screen voltage...
almost 9 watts input. It worked from the start, with only the tank as a load, but
when I tried the 80m OCF Hertz....no oscillation. I also tried a short wire, which I
use for the ARC-5 on 80m, but about same situation with that and when it did osc
there was a pronounced woop, so the xtal was not wanting to start up. I have now
put a three turn coil around the plug in coil, with one end to gnd and other to the
Hertz....success. Still a slight woop...not bad tho, but haven't played with the
3-turn coil any...just using it around the middle of the plug-in coil. I am using a
Heathkit bench supply, so tone is T9...a more-or-less period supply is planned.
I added a #49 lamp in the xtal lead and it barely glows, so xtal current is low.
It is in the prototype stage now, and after all the tweaking is done I'll rebuild it
for a more neater look. In the next few days I'll do some more tweaking and
may try QRO....maybe 400vdc on the plate....CQ DX!

73 de Bill K4JYS

11629. Re: [AWA Group] New HB Xmtr Using a 2A5

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-02 22:05:19 UTC
From: Larry Szendrei
Topic: 11628 Message: 11629

Congrats, Bill!

I'll take a look at the article.

-Larry/NE1S

On 8/2/15 5:56 PM, Bill Stewart cwopr@... [AWAGroup] wrote:
> GA all,
> I just made the first QSO with a new HB xmtr. Made it into TN with a 569C,
> (on 40 mtrs) report and am all smiles.
>
> The rig is from July 1934 RADIO mag. and is xtal controlled. It uses a
> 2A5 tube.
> I am running at low power for testing...about 250vdc plate and screen
> voltage...
> almost 9 watts input. It worked from the start, with only the tank as
> a load, but
> when I tried the 80m OCF Hertz....no oscillation. I also tried a short
> wire, which I
> use for the ARC-5 on 80m, but about same situation with that and when
> it did osc
> there was a pronounced woop, so the xtal was not wanting to start up.
> I have now
> put a three turn coil around the plug in coil, with one end to gnd and
> other to the
> Hertz....success. Still a slight woop...not bad tho, but haven't
> played with the
> 3-turn coil any...just using it around the middle of the plug-in coil.
> I am using a
> Heathkit bench supply, so tone is T9...a more-or-less period supply is
> planned.
> I added a #49 lamp in the xtal lead and it barely glows, so xtal
> current is low.
> It is in the prototype stage now, and after all the tweaking is done
> I'll rebuild it
> for a more neater look. In the next few days I'll do some more
> tweaking and
> may try QRO....maybe 400vdc on the plate....CQ DX!
>
> 73 de Bill K4JYS

11630. Re: New HB Xmtr Using a 2A5

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-03 01:33:30 UTC
From: dulmagedon@...
Topic: 11628 Message: 11630

Ah man I know the thrill! What rock do you have in it? I was playing on 40 today myself. In fact going back down in a few minutes around 7050 if it is open.
On 40 I use a 1 3/4 turn output loop and on 80a 2/1/4 turn output loop. I load into a 4 watt clear Christmas tree bulb for tune up and spotting. Both the 80M and the 40Mgive about the same brightness so I am thinking I am in the ball park.
Anyway I will be listening for you.
don

11631. Re: [AWA Group] Re: New HB Xmtr Using a 2A5

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-03 11:22:46 UTC
From: Bill Stewart
Topic: 11628 Message: 11631

Don, I was on 7053 a bit ago. Called CQ for a while, but no dice. Rev Bcn showed numerous hits with good reports, tho. I'll probably hang around 7043 to 7053 during the testing phase.

I had the wrong year on the info...the article is from July 1933 RADIO mag, page 10.
73 de Bill K4JYS

----- Original Message -----

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Sunday, August 2, 2015 9:33:30 PM
Subject: [AWA Group] Re: New HB Xmtr Using a 2A5

Ah man I know the thrill! What rock do you have in it? I was playing on 40 today myself. In fact going back down in a few minutes around 7050 if it is open.
On 40 I use a 1 3/4 turn output loop and on 80a 2/1/4 turn output loop. I load into a 4 watt clear Christmas tree bulb for tune up and spotting. Both the 80M and the 40Mgive about the same brightness so I am thinking I am in the ball park.
Anyway I will be listening for you.
don

11632. Re: [AWA Group] New HB Xmtr Using a 2A5

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-03 11:25:14 UTC
From: Bill Stewart
Topic: 11628 Message: 11632

Larry, I had the wrong year on the article...its in the 1933 July issue...pg. 10.
73 Bill

----- Original Message -----

From: "Larry Szendrei ne1s@securespeed.us [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Sunday, August 2, 2015 6:05:19 PM
Subject: Re: [AWA Group] New HB Xmtr Using a 2A5

Congrats, Bill!

I'll take a look at the article.

-Larry/NE1S

On 8/2/15 5:56 PM, Bill Stewart cwopr@...m [AWAGroup] wrote:

GA all,
I just made the first QSO with a new HB xmtr. Made it into TN with a 569C,
(on 40 mtrs) report and am all smiles.

The rig is from July 1934 RADIO mag. and is xtal controlled. It uses a 2A5 tube.
I am running at low power for testing...about 250vdc plate and screen voltage...
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when I tried the 80m OCF Hertz....no oscillation. I also tried a short wire, which I
use for the ARC-5 on 80m, but about same situation with that and when it did osc
there was a pronounced woop, so the xtal was not wanting to start up. I have now
put a three turn coil around the plug in coil, with one end to gnd and other to the
Hertz....success. Still a slight woop...not bad tho, but haven't played with the
3-turn coil any...just using it around the middle of the plug-in coil. I am using a
Heathkit bench supply, so tone is T9...a more-or-less period supply is planned.
I added a #49 lamp in the xtal lead and it barely glows, so xtal current is low.
It is in the prototype stage now, and after all the tweaking is done I'll rebuild it
for a more neater look. In the next few days I'll do some more tweaking and
may try QRO....maybe 400vdc on the plate....CQ DX!

73 de Bill K4JYS

11633. New HB Xmtr Using a 2A5-CORRECTION

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-03 11:29:38 UTC
From: Bill Stewart
Topic: 11633 Message: 11633

----- Forwarded Message -----

From: "Bill Stewart" <cwopr@...>
To: "AWA Group" <AWAGroup@yahoogroups.com>
Sent: Monday, August 3, 2015 7:12:23 AM
Subject: New HB Xmtr Using a 2A5-CORRECTION

Sorry, had the wrong year.
The article is in July 1933 RADIO magazine...page 10.
Title is 'Add-a-Stage Beginner's Crystal-Controlled Transmitter'.
In the following August issue, they have a 210 amp.
73 de Bill K4JYS

11634. New HB Xmtr Using a 2A5-CORRECTION

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-03 11:12:23 UTC
From: Bill Stewart
Topic: 11633 Message: 11634

Sorry, had the wrong year.
The article is in July 1933 RADIO magazine...page 10.
Title is 'Add-a-Stage Beginner's Crystal-Controlled Transmitter'.
In the following August issue, they have a 210 amp.
73 de Bill K4JYS

11635. Re: [AWA Group] Re: New HB Xmtr Using a 2A5

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-03 13:08:25 UTC
From: dulmagedon@...
Topic: 11628 Message: 11635

I gave it a shot for a few minutes just after 8 local time. Tried CQ and your call as well. Lots of QRN but lots of usable signals. I didnt show up on rev beacon but never have anyway. I was using the 6l6 tnt. I had been playing with it last night and got it a bit better but it still walks on freq some when I start sending. Nothing Like it used to but enough to be annoying. I subbed all the caps with different style one by one but it didnt help nor did it change anything. I sent the grid to grid with its resistor rather then risk heating the grid coil but it still does it. I have a couple of suspicions including capacity change inside the tube as it heats up in use. May try a lower value of L on the grid coil and pull it back with some C so the effect will not be as great. Voltage (B plus) is stable so it isn't that. After about 20 minutes it gets a bit better. Anyway i am keeping an ear for you and have saved a 40m Rev Be filter so I can tell when your operating.
don

11636. Re: New HB Xmtr Using a 2A5-CORRECTION

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-03 13:51:40 UTC
From: dulmagedon@...
Topic: 11633 Message: 11636

I can't find the article. Tried for the last 50 minutes. I think I am going to need a link.
don

11637. Old Radio Mag. Archives

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-03 15:23:30 UTC
From: Bill Stewart
Topic: 11637 Message: 11637

Anyone know the archive site with the weird name...'doom' or 'dungeon' or something like that. Its not the American History site....another one with the strange name.
Tnx Bill K4JYS

11638. Re: [AWA Group] Re: New HB Xmtr Using a 2A5-CORRECTION

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-03 15:22:22 UTC
From: Larry Szendrei
Topic: 11633 Message: 11638

On 8/3/15 9:51 AM, dulmagedon@... [AWAGroup] wrote:
>
> I can't find the article. Tried for the last 50 minutes. I think I am
> going to need a link.
> don
>
> _
Here ya go, Don:

http://www.americanradiohistory.com/Radio_Magazine_Guide.htm

73,
-Larry/NE1S

11639. Re: [AWA Group] Old Radio Mag. Archives

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-03 15:45:18 UTC
From: Garey Barrell
Topic: 11637 Message: 11639

bunker of doom

73, Garey - K4OAH
Rome, GA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Bill Stewart cwopr@... [AWAGroup] wrote:
>
>
> Anyone know the archive site with the weird name...'doom' or 'dungeon' or
> something like that. Its not the American History site....another one with the
> strange name.
> Tnx Bill K4JYS
>
>

11640. Re: [AWA Group] Old Radio Mag. Archives

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-03 15:39:27 UTC
From: Bill Stewart
Topic: 11637 Message: 11640

I found it....http://www.bunkerofdoom.com/

----- Original Message -----

From: "Bill Stewart cwopr@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "AWA Group" <AWAGroup@yahoogroups.com>
Sent: Monday, August 3, 2015 11:23:30 AM
Subject: [AWA Group] Old Radio Mag. Archives

Anyone know the archive site with the weird name...'doom' or 'dungeon' or something like that. Its not the American History site....another one with the strange name.
Tnx Bill K4JYS

11641. Re: [AWA Group] Old Radio Mag. Archives

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-03 16:00:12 UTC
From: Bill Stewart
Topic: 11637 Message: 11641

Tnx Garey...odd name, eh....Bill

----- Original Message -----

From: "Garey Barrell k4oah@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, August 3, 2015 11:45:18 AM
Subject: Re: [AWA Group] Old Radio Mag. Archives

bunker of doom

73, Garey - K4OAH
Rome, GA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Bill Stewart cwopr@... [AWAGroup] wrote:
>
>
> Anyone know the archive site with the weird name...'doom' or 'dungeon' or
> something like that. Its not the American History site....another one with the
> strange name.
> Tnx Bill K4JYS
>
>

11642. Re: [AWA Group] Old Radio Mag. Archives

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-03 16:10:07 UTC
From: dulmagedon@...
Topic: 11637 Message: 11642

I have the radio news archive but can not find the article either in search or in the july 1933 index.
don

11643. Re: [AWA Group] Old Radio Mag. Archives

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-03 16:13:46 UTC
From: Bill Stewart
Topic: 11637 Message: 11643

Don, so far I haven't been able to find that particular article on the two archive sites. If you don't get a file, let me know and will mail you copies. I don't have a scanner.
Bill

----- Original Message -----

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, August 3, 2015 12:10:07 PM
Subject: Re: [AWA Group] Old Radio Mag. Archives

I have the radio news archive but can not find the article either in search or in the july 1933 index.
don

11644. Re: [AWA Group] Old Radio Mag. Archives

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-03 16:20:57 UTC
From: Garey Barrell
Topic: 11637 Message: 11644

Don -

What is the article you are searching for??

73, Garey - K4OAH
Rome, GA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

dulmagedon@... [AWAGroup] wrote:
>
>
> I have the radio news archive but can not find the article either in search or in the
july
> 1933 index.
> don
>
>

11645. Radiotron 809 Triodes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-03 16:40:16 UTC
From: Bill Stewart
Topic: 11645 Message: 11645

I just received some nice 809s from an eBay auction...good price and look to be NOS. I haven't had a chance to thumb thru the late 30s early 40s HBs or mags yet, so was wondering if anyone knows of any CW construction articles or has used one in CW service.
Thanks...73 de Bill K4JYS

11646. Re: [AWA Group] Old Radio Mag. Archives

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-03 17:05:30 UTC
From: Larry Szendrei
Topic: 11637 Message: 11646

On 8/3/15 12:10 PM, dulmagedon@... [AWAGroup] wrote:
>
> I have the radio news archive but can not find the article either in
> search or in the july 1933 index.
> don
>
> _

Yeah...

The article is in "Radio," not "Radio News," which is a different magazine altogether.

But the link I sent you previously doesn't have ANY issues for 1933, unfortunately. So I can't see the article on Bill's transmitter, either :-(. I should have checked; sorry about that. But the issues that are there have some GREAT articles and projects.

73,
-Larry/NE1S

11647. Re: [AWA Group] Re: New HB Xmtr Using a 2A5

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-03 17:44:04 UTC
From: Ron Barlow
Topic: 11628 Message: 11647

Are you using any solid dielectric caps in the tank ckts, Don? My experiences, while using the solid dielectric caps that were available to me (meaning that they were located in my junkbox), is that they will cause drift problems, when used in a power oscillator ckt. The drift and chirp problem vanished, in my power osc circuits, when such caps were replaced by air dielectric caps. The circulating tank ckt current is quite high, in such ckts, especially if it is a high "C" ckt., which results in enough dielectric heating to cause drift problems, even when good quality caps, such as silvered micas, were used.
I have little personal experience with a tnt, but I have read that the grid ckt resonant freq is rather critical to good performance. With the RF output dissipated in a dummy load, sweep the frequency of your oscillator throughout its range, while observing the plate current. The plate current dip should occur at or slightly below the freq that you plan to use your xmtr on. If the dip occurs elsewhere, adjust the grid tuning until this parameter is realized.
73 & gl de ron

On Mon, 8/3/15, dulmagedon@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Re: New HB Xmtr Using a 2A5
To: AWAGroup@yahoogroups.com
Date: Monday, August 3, 2015, 9:08 AM

I gave it a shot for a few minutes just after 8
local time. Tried CQ and your call as well. Lots of QRN but
lots of usable signals. I didnt show up on rev beacon but
never have anyway. I was using the 6l6 tnt. I had been
playing with it last night and got it a bit better but it
still walks on freq some when I start sending. Nothing Like
it used to but enough to be annoying. I subbed all the caps
with different style one by one but it didnt help nor did it
change anything. I sent the grid to grid with its resistor
rather then risk heating the grid coil but it still does
it. I have a couple of suspicions including capacity change
inside the tube as it heats up in use. May try a lower value
of L on the grid coil and pull it back with some C so the
effect will not be as great. Voltage (B plus) is stable so
it isn't that. After about 20 minutes it gets a bit
better. Anyway i am keeping an ear for you and have saved a
40m Rev Be filter so I can tell when your operating.
don

11648. Re: Radiotron 809 Triodes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-03 20:24:04 UTC
From: JAMES HANLON
Topic: 11645 Message: 11648

Bill,

Back around 1952 through 1960 or so, my brother and I had a rig on with push-pull 809s. It was a very typical, push-pull triode amplifier. We used National AR-16 series plug-in coils with center links for the grid coils and B&W BVL series coils with a swinging center link for the plate tank. Our neut caps were commercial, a "sleeve inside of a sleeve" coaxial design. We ran about 750 volts and 200 ma to the plates and operated both CW and AM at that level. The one somewhat unusual feature was what we did for grid bias. A single 809 wants 75 volts of bias and 25 ma of grid drive on CW, 32 ma on phone. We used a pair of VR-75 voltage regulator tubes in parallel in series with the bias line with an electrolytic condenser attached across them. When we first applied drive to the amplifier, the grid voltage would go negative until the VR tubes fired, and then the voltage would stabilize at - 75 volts. The capacitor would also charge up to - 75 volts. When the drive was removed the grid current would drop to zero and the VR tubes would go out, but the capacitor would remain charged and it would hold -75 volts of bias on the tubes so that they would not conduct. It was easier than building a bias supply or acquiring bias batteries. The reason we used two VR tubes in parallel is that one VR tube is rated to carry only 40 ma max.

Physically our amp had the grid tank on the left end of the chassis, looking at the front, then a vertical shield with the sockets for the 809s - the tubes were mounted horizontally with the filament wires oriented so that the thin edges were on top and on the bottom and their thick sides were vertical - prevented the filaments from sagging. The plate tank was on the right end of the chassis. The neut caps were mounted horizontally on the shield along side the tubes. We had two meters, one for grid current mounted in the bottom of the chassis and below the grid tank on the left, and one for plate current in the bottom of the chassis and below the plate tank on the right. The filament transformer was also mounted in the bottom of the chassis. We had a steel panel on the front of the chassis.

We ran the amp on all bands, 80 through 10 meters. It worked well. Lots of luck on yours.

Jim Hanlon, W8KGI

11649. Re: [AWA Group] Re: New HB Xmtr Using a 2A5

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-03 21:03:11 UTC
From: dulmagedon@...
Topic: 11628 Message: 11649

I will look into that. I used pumkkin seed caps but tried mica and an orange drop where appropriate. Yes the grid coil can be a difficult part however I have built these before and have some experence tuning it. Found a pretty good method for centering the grid coil in the desired range. I am getting around 4 watts out so I am in the game otherwise I would begetting none or very little when on freq. It just changes freq as it warms up more then my 45 TNT does. I am not running it that hard. My gut instinct on the problem is similar to yours. Something is warming up and changing value. I took a frozen wiener down after lunch(ok. I snuck a frozen wiener down) I was going to look for temp sensitive parts with it but it tasted so good I only got to check a couple.;>) I know it is probably something simple. It is just that the 45 TNT stays put and this one doesn't I will see what else I have for caps.
I was looking or the article Bill built his rig from as I found it interesting and wanted to see what he is running for a circuit and how it compares with my two rockbound rigs.
don VE3LYX

11650. Re: [AWA Group] Old Radio Mag. Archives

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-04 02:44:59 UTC
From: dulmagedon@...
Topic: 11637 Message: 11650

Thanks Bill, So far no joy but the schematic would be enough. Sounds like you are having fun so that is good!
don

11651. Re: [AWA Group] Re: Radiotron 809 Triodes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-04 10:34:07 UTC
From: Bill Stewart
Topic: 11645 Message: 11651

Tnx Jim for the interesting info on the rig. Not sure just what I'll do with 'em but the price was right and they just look like they would make an interesting project sometime....but, of course my junk box is full of parts with that thought attached to them...hi.
73 de Bill K4JYS

----- Original Message -----

From: "JAMES HANLON knjhanlon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "AWA Group" <awagroup@yahoogroups.com>
Sent: Monday, August 3, 2015 4:24:04 PM
Subject: [AWA Group] Re: Radiotron 809 Triodes

Bill,

Back around 1952 through 1960 or so, my brother and I had a rig on with push-pull 809s. It was a very typical, push-pull triode amplifier. We used National AR-16 series plug-in coils with center links for the grid coils and B&W BVL series coils with a swinging center link for the plate tank. Our neut caps were commercial, a "sleeve inside of a sleeve" coaxial design. We ran about 750 volts and 200 ma to the plates and operated both CW and AM at that level. The one somewhat unusual feature was what we did for grid bias. A single 809 wants 75 volts of bias and 25 ma of grid drive on CW, 32 ma on phone. We used a pair of VR-75 voltage regulator tubes in parallel in series with the bias line with an electrolytic condenser attached across them. When we first applied drive to the amplifier, the grid voltage would go negative until the VR tubes fired, and then the voltage would stabilize at - 75 volts. The capacitor would also charge up to - 75 volts. When the drive was removed the grid current would drop to zero and the VR tubes would go out, but the capacitor would remain charged and it would hold -75 volts of bias on the tubes so that they would not conduct. It was easier than building a bias supply or acquiring bias batteries. The reason we used two VR tubes in parallel is that one VR tube is rated to carry only 40 ma max.

Physically our amp had the grid tank on the left end of the chassis, looking at the front, then a vertical shield with the sockets for the 809s - the tubes were mounted horizontally with the filament wires oriented so that the thin edges were on top and on the bottom and their thick sides were vertical - prevented the filaments from sagging. The plate tank was on the right end of the chassis. The neut caps were mounted horizontally on the shield along side the tubes. We had two meters, one for grid current mounted in the bottom of the chassis and below the grid tank on the left, and one for plate current in the bottom of the chassis and below the plate tank on the right. The filament transformer was also mounted in the bottom of the chassis. We had a steel panel on the front of the chassis.

We ran the amp on all bands, 80 through 10 meters. It worked well. Lots of luck on yours.

Jim Hanlon, W8KGI

11652. Re: [AWA Group] Re: Radiotron 809 Triodes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-04 10:58:38 UTC
From: Larry Szendrei
Topic: 11645 Message: 11652

On 8/3/15 4:24 PM, JAMES HANLON knjhanlon@... [AWAGroup] wrote:
>
> The one somewhat unusual feature was what we did for grid bias. A
> single 809 wants 75 volts of bias and 25 ma of grid drive on CW, 32 ma
> on phone. We used a pair of VR-75 voltage regulator tubes in parallel
> in series with the bias line with an electrolytic condenser attached
> across them. When we first applied drive to the amplifier, the grid
> voltage would go negative until the VR tubes fired, and then the
> voltage would stabilize at - 75 volts. The capacitor would also
> charge up to - 75 volts. When the drive was removed the grid current
> would drop to zero and the VR tubes would go out, but the capacitor
> would remain charged and it would hold -75 volts of bias on the tubes
> so that they would not conduct. It was easier than building a bias
> supply or acquiring bias batteries. The reason we used two VR tubes
> in parallel is that one VR tube is rated to carry only 40 ma max.

Usually when one connects a moderate amount of capacitance - say, around 0.5 mfd or greater - across a VR tube you make a relaxation oscillator, which would not be desirable in this application (or any other unless you WANT a relaxation oscillator!). How did you avoid this? Usually, a resistor is placed in series with the VR tube which, if large enough, will stop the tendency to oscillate. Of course, regulation is compromised when this is done. Come to think of it, since the VR-75s are in parallel, you probably already had current-equalizing resistors in series with each tube, which which likely served the function of suppressing the relaxation oscillations as well.

>
> Physically our amp had the grid tank on the left end of the chassis,
> looking at the front, then a vertical shield with the sockets for the
> 809s - the tubes were mounted horizontally with the filament wires
> oriented so that the thin edges were on top and on the bottom and
> their thick sides were vertical - prevented the filaments from
> sagging. The plate tank was on the right end of the chassis. The
> neut caps were mounted horizontally on the shield along side the
> tubes. We had two meters, one for grid current mounted in the bottom
> of the chassis and below the grid tank on the left, and one for plate
> current in the bottom of the chassis and below the plate tank on the
> right. The filament transformer was also mounted in the bottom of the
> chassis. We had a steel panel on the front of the chassis.
>
> We ran the amp on all bands, 80 through 10 meters. It worked well.
> Lots of luck on yours.
>
Sound like a nice amp! I like push-pull triode amps - easy to neutralize

(but difficult to bandswitch!).

73,
-Larry/NE1S

11653. Rat trap TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-04 14:41:29 UTC
From: dulmagedon@...
Topic: 11653 Message: 11653

Saw where someone built a radio using a mouse trap board and brass nail solder points. (Mouser Mk1). Got carried away this payday and went and bought a new Victory Rat Trap. I am going to see what comes out. Probably a Hartley.
don VE3LYX

11654. Re: [AWA Group] Rat trap TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-04 15:02:00 UTC
From: Daniel Petersen
Topic: 11653 Message: 11654

A rat-trap? Such uncontrolled consumerism! 8^)
73,
Dan - W7OIL

On Tue, Aug 4, 2015 at 7:41 AM, dulmagedon@... [AWAGroup] <
AWAGroup@yahoogroups.com> wrote:

>
>
> Saw where someone built a radio using a mouse trap board and brass nail
> solder points. (Mouser Mk1). Got carried away this payday and went and
> bought a new Victory Rat Trap. I am going to see what comes out. Probably a
> Hartley.
>
> don VE3LYX
>
>
>

--

73,
Dan - W7OIL

11655. Re: [AWA Group] Rat trap TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-04 19:44:28 UTC
From: dulmagedon@...
Topic: 11653 Message: 11655
Attachments: 1 described; binary payloads are missing from this source WARC

Was a fun build. All from the junk box. Was making 80M RF signal by 3pm. The ceramic trimmer is stolen from a1930s superhet.(#56tubes and such type)
I paralleled the two sections to get enough C but had to pad as well . Didn't have any in the 225pf to 250pf range so piggy backed a couple for now but I am searching my stash for real ones (old). I borrowed the RF choke from my parts bin but will wind one later today on a pencil or something. I didn't put it on areial yet but pumped it into my vintage QRP dummy load. Not too bad really. Not super powerful . Used an 01A for a tube. Is not bothered much by hand and the screw driver tuning of the trimmer isn't as big a pain as I imagined. I don't as i said have enough padding so I am bottomed out at around 3623kcs at the moment. I could add a couple more smaller ones but wish to find the right one instead. I could rewind the coil with some more L but I am not going to. I looks to good so I don't want to mess with it. Right now I am taking a mouse trap down to see if I can make it into a CW key. Anyway I sure enjoyed the build.
don VE3LYX

11656. Re: [AWA Group] Old Radio Mag. Archives

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-04 20:01:36 UTC
From: Bill Stewart
Topic: 11637 Message: 11656

Don, I will get copies made and mail them to your QRZ address.
Yep, having fun...making QSOs...just worked KA3P/4 in Fl.
Forty not in vy good shape, but made it for a short contact.
I'll let ya know when copies are on the way. Oh, will also include
copies of a later article for the amp, using a 210.
73 de Bill K4JYS

----- Original Message -----

From: "dulmagedon@yahoo.ca [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, August 3, 2015 10:44:59 PM
Subject: Re: [AWA Group] Old Radio Mag. Archives

Thanks Bill, So far no joy but the schematic would be enough. Sounds like you are having fun so that is good!
don

11657. Re: [AWA Group] Old Radio Mag. Archives

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-04 23:45:17 UTC
From: dulmagedon@...
Topic: 11637 Message: 11657

Thanks Bill, That is most kind. Old designs interest me very much.
I have a few 80M rigs but often wish I had built them for 40M as summertime 80 is not much.
I was on air (3677kcs) with the rat trap rig tonight using the just minted mouse trap key which works very well BTW. No takers but it is working so? In the meantime keep having fun and be sure to tell us of your adventures.
don VE3LYX

11658. Old Radio magazine link

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-05 03:03:53 UTC
From: Roger Kuchera
Topic: 11658 Message: 11658

Could someone please send me the link to the old RADIO mags archive. I lost it in the shuffle.
TNX, Roger/K1TG

11659. Re: [AWA Group] Old Radio magazine link

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-05 04:11:45 UTC
From: Steve
Topic: 11658 Message: 11659

http://americanradiohistory.com/

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

11660. Re: [AWA Group] Old Radio magazine link

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-05 10:57:51 UTC
From: Larry Szendrei
Topic: 11658 Message: 11660

On 8/4/15 11:03 PM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:
> Could someone please send me the link to the old RADIO mags archive. I
> lost it in the shuffle.
>
>
Here you go, Roger:

http://www.americanradiohistory.com/Radio_Magazine_Guide.htm

73,
-Larry/NE1S

11661. Link

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-05 13:41:58 UTC
From: Roger Kuchera
Topic: 11661 Message: 11661

TNX Larry. Not sure how I got the first message to the bit bucket.....but I did. :) :)
Roger/K1TG

11662. Re: Radiotron 809 Triodes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-05 18:00:49 UTC
From: JAMES HANLON
Topic: 11645 Message: 11662

Larry,

1952 when we built that final is a few years back to remember all the details, but yes I think we did throw in a couple of resistors to equalize the current flow through the two VR-75s. The capacitor across them, as I recall, was a 150 volt electrolytic, typical of what you would find as a power supply filter cap in a 5 tube superhet. We did not have any relaxation oscillator problems. That certainly would have shown up on the on-the-air signal! That was a neat rig. It started off on 80 with a BC457 vfo or a 6C4 pierce crystal oscillator, fed into a "bandbox" frequency multiplier, driving a 6146, driving the 809s. The modulator ended up in a pair of 807s in AB2. The bandbox and driver were in one rackmount, panel unit. The final was in a second. The modulator was in a third. The power supply was built into a surplus radar rack power supply, a giant guy with four breaker switches on the front panel. I used to call it "The world's largest 150 watt station." We used an HRO-50 as a receiver. We had it rigged so that we could operate break-in CW, keying the BC457 vfo in the process. It had just a little, distinctive chirp on 15 meters. I still have the HRO, the D-104 mike, and the key from that setup. When we split up the station around 1960, I told my brother that I wanted the HRO and he could have everything else. I think I got the better part of the deal, HI.

73,

Jim

11663. Re: [AWA Group] Rat trap TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-05 20:41:10 UTC
From: dulmagedon@...
Topic: 11653 Message: 11663

I found my stash of 220 pf caps so I am solid to the bottom of 80m. Made a homemade choke and installed it. Put on some more permanent leads and tried it today. No takers but it does seem to be doing a descent job. Was around 3540 to 3546kcs today. I am out tonight so I will have to behave. I rather like this little set.
don VE3LYX

11664. Re: [AWA Group] Re: Radiotron 809 Triodes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-05 21:26:22 UTC
From: Larry Szendrei
Topic: 11645 Message: 11664

On 8/5/15 2:00 PM, JAMES HANLON knjhanlon@... [AWAGroup] wrote:
>
> Larry,
>
> 1952 when we built that final is a few years back to remember all the
> details, but yes I think we did throw in a couple of resistors to
> equalize the current flow through the two VR-75s. The capacitor
> across them, as I recall, was a 150 volt electrolytic, typical of what
> you would find as a power supply filter cap in a 5 tube superhet. We
> did not have any relaxation oscillator problems.

Probably the two current equalizing resistors killed the tendency to
oscillate.

> That certainly would have shown up on the on-the-air signal!

You bet! You would have been running MCW, ("A2"), and not with a sine wave!

> That was a neat rig. It started off on 80 with a BC457 vfo or a 6C4
> pierce crystal oscillator, fed into a "bandbox" frequency multiplier,
> driving a 6146, driving the 809s. The modulator ended up in a pair of
> 807s in AB2. The bandbox and driver were in one rackmount, panel
> unit. The final was in a second. The modulator was in a third. The
> power supply was built into a surplus radar rack power supply, a giant
> guy with four breaker switches on the front panel. I used to call it
> "The world's largest 150 watt station." We used an HRO-50 as a
> receiver. We had it rigged so that we could operate break-in CW,
> keying the BC457 vfo in the process. It had just a little,
> distinctive chirp on 15 meters. I still have the HRO, the D-104 mike,
> and the key from that setup. When we split up the station around
> 1960, I told my brother that I wanted the HRO and he could have
> everything else. I think I got the better part of the deal, HI.

I don't know. There's a lot of HRO-50s out there, but that XMTR was one
of a kind! ;-)

73,
-Larry/NE1S

11665. speaking of old magazines...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-06 13:13:19 UTC
From: Mike Durff
Topic: 11665 Message: 11665

I have several boxes of old QST that are bound in the ARRL hard binders. I think they date from the early to mid 1930's until- ? I am moving to Portland, Maine in 9 weeks. I would rather not have to carry these. PSE contact me off list if interested. If no interest here...they will go to EBAY.
K4TQF@...
Thanks, Mike

11666. Re: [AWA Group] speaking of old magazines...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-06 15:05:56 UTC
From: Larry Szendrei
Topic: 11665 Message: 11666

Hi, Mike.

Not interested in the QSTs - I have a collection of my own - but when you get settled in in Portland give me a holler. I live in Gray, about 15 mi. north of Portland, and always welcome making friends with those suffering from the same affliction (an obsession with old radio technology, that is).

73,
-Larry/NE1S

On 8/6/15 9:13 AM, Mike Durff mikedurff@... [AWAGroup] wrote:
> I have several boxes of old QST that are bound in the ARRL hard
> binders. I think they date from the early to mid 1930's until- ? I am
> moving to Portland, Maine in 9 weeks. I would rather not have to carry
> these. PSE contact me off list if interested. If no interest
> here...they will go to EBAY.
>
> K4TQF@...
>
> Thanks, Mike
>
>

11667. 2A5 Pix

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-07 15:45:22 UTC
From: Bill Stewart
Topic: 11667 Message: 11667
Attachments: 2 described; binary payloads are missing from this source WARC

The 2A5 is still going strong. Continue to make a few contacts on 40m with good results. I haven't cked all my xtals, but so far the real FT-243s work best. I tried a couple of 'stuffed' FT-243 holders and they drifted. But xtal current is still at a low value, according to the #49 in the xtal lead. I also found that the 3 turn antenna link works best around the middle of the tank coil. At 250vdc, about 8-9 watts input....and abt 75 ma of RF into the antenna, what ever that means. Tinkering and tweaking is still in progress. It's a prototype so changes will be forthcoming.

Attached are a couple of pix. The LH variable cond. is not being used so, at the moment, it is a single control xmtr.
73 de Bill K4JYS

11668. Re: [AWA Group] Rat trap TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-07 19:40:28 UTC
From: dulmagedon@...
Topic: 11653 Message: 11668

I continue to work on this little rig. I really like how it performs. Did some measurements today. Inputs. Plate voltage keydown loaded into a long wire antenna, 232 volts and 34 ma. don VE3LYX

11669. 6L6 TNT morphs into a 6SN7 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-08 11:08:25 UTC
From: dulmagedon@...
Topic: 11669 Message: 11669

Since the rat trap is finished and on the air I went back to the TNT. First I rewired it for a BBD twin triode. Installed a 6SN7 as a parallel pair and fired it up. Works not too bad. Rewound the grid coil with heavier wire(26 instead of 30) and centred it on freq with the new tube. Later I tried a 6BL7 with success. I am still playing with it but I must say the hartley as in the rat trap is a better rig so far.
Been listening and watching (revbec) for Bill. I don't show on Revbec even when in QSO so I must be out of skimmer normal range. Anyone else wanna come out and play I am working around 3547 to 3567 on 80M with the rattrp and 7040 to 7080 with the TNT. When I get bored I pop the breadboard on at usually 3561.
don VE3LYX

11670. Re: [AWA Group] Rat trap TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-08 17:39:58 UTC
From: dulmagedon@...
Topic: 11653 Message: 11670
Attachments: 1 described; binary payloads are missing from this source WARC

It has been a busy day. I spent it cleaning up both transmitters. The Rat Trap came out particularly well. I added the knurled knobs for attaching power. Also a tuning handle for the tuning capacitor on one side only. The other side is for calibration. Hopefully it does not need adjustment. The mousetrap key works really well. Why I don't know. It just has a good feel and is easy to use. mounted on the key is a bulb socket with a bulb. All B neg which is what is keyed here anyway must pass through the bulb and it can be used to monitor input power simply by watching its brightness. Besides every transmitter needs some flashing lights! Operating around 3540 to 3550kcs
don VE3LYX

11671. Re: [AWA Group] 2A5 Pix [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-09 17:01:29 UTC
From: Ron Barlow
Topic: 11671 Message: 11671

Congrats on the new xmtr. Bill! I will be looking forward to hearing it, on the "air"!
Tnx for sharing!
73 de ron n4gjv

On Fri, 8/7/15, Bill Stewart cwopr@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] 2A5 Pix [2 Attachments]
To: "AWA Group" <AWAGroup@yahoogroups.com>
Date: Friday, August 7, 2015, 11:45 AM

The 2A5 is
still going strong. Continue to make a few contacts on 40m
with good
results. I haven't cked all my
xtals, but so far the real FT-243s work best. I tried
a couple of 'stuffed' FT-243 holders
and they drifted. But xtal current is still at a
low value, according to the #49 in the xtal
lead. I also found that the 3 turn antenna
link works best around the middle of the tank
coil. At 250vdc, about 8-9 watts
input....and abt 75 ma of RF into the antenna,
what ever that means. Tinkering
and tweaking
is still in progress. It's a prototype so changes will
be forthcoming.

Attached
are a couple of pix. The LH variable cond. is not being used
so, at the
moment, it is a single control
xmtr.
73 de Bill K4JYS

11672. Re: [AWA Group] Rat trap TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-10 04:15:57 UTC
From: dulmagedon@...
Topic: 11653 Message: 11672

Today I put on a permanent octal power cable and switched it over to AC heater supply. With the clip leads gone things settled down. After about a half hour the 201A I was using gets stubborn. So I dug out my 45s (go big or go home!) When 45s get weak you can squeeze them for a while if you are careful by pushing the heater voltage. Eventually they will die but since they are no good anyway it really doesn't matter. I wish the 45 was still available new. I had 2 that needed that. This power supply has a 1920s heater rheo built in so I can go from zero to 6.3 easily. I tested all three. One 45 is still full output on 2.5 heater volts so I popped it in. Man did that wake things up! My B- lamp indicator lit on keying so I measured the input current . 68 ma. B voltage sags on this supply but input is still well above 11 watts. The FS meter I use to monitor all shack activity was banging its needle on the dahs. I got one reply but noise level was too high for a QSO.
don VE3LYX
Just for comparison I fired up the breadboard crystal control rig on 3561. Got an instant reply. I am liking that rig.

11673. Anyone up for a 80M sked or test?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-10 13:20:09 UTC
From: dulmagedon@...
Topic: 11673 Message: 11673

I have the power up to decent levels I think and the set (RAT TRAP)is fairly well behaved. It has a bit of a whoop to it but not bad so it should be easy to pick out. I am tuned up on 3546kcs currently +or- and can move around freely in that section of the band. I am running just under 2 watts input so if the band is good there is hope. It will be not open soon until evening so that may be best.

don VE3LYX

11674. Re: Anyone up for a 80M sked or test?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-10 14:14:10 UTC
From: dulmagedon@...
Topic: 11673 Message: 11674

12 watts input, not 2 sori
don

11675. Re: [AWA Group] Rat trap TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-10 22:46:13 UTC
From: dulmagedon@...
Topic: 11653 Message: 11675

Today I had a terrible thought. What if my rat trap and mouse trap were not period correct and I had committed some unpardonable sin. A bit of searching eased my fears. Victor rat and mouse traps "AS WE KNOW THEM TODAY" were introduced in 1890 according to the Victor trap company history. Whew! I feel better now!
don

11676. 2a5 Add a stage transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-14 02:28:54 UTC
From: dulmagedon@...
Topic: 11676 Message: 11676

Thanks Bill, Received the copies today. I took sometime after supper and read through them. The transmitter is very similar to my breadboard one. I think the only difference is mine used a choke in parallel with the crystal and yours used a resistor. The amplifier is interesting. I am thinking it over. Since no one is interested in a test with the RT tx I spent the last two days working on the 211 tubed hartley. Are you going to build the amp from tht article as well?
don VE3LYX
thanks again.
73

11677. Re: [AWA Group] 2a5 Add a stage transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-14 15:13:00 UTC
From: Bill Stewart
Topic: 11676 Message: 11677

Glad ya got it ok, Don. I have noticed that a yr or two later, a RFC was added in that type of osc. ckt, in series with the grid leak ('tween grid and GL), but this ckt does not use one. On mine, I'm using a 3-turn link around the tank coil to the antenna. I raised the B+ from 250 to abt 395vdc and now have more output...now a big dawg...hi. Have been making good contacts. I probably will not build the amp, at least for a while.
Gl, 73 de Bill K4JYS

----- Original Message -----

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Thursday, August 13, 2015 10:28:54 PM
Subject: [AWA Group] 2a5 Add a stage transmitter

Thanks Bill, Received the copies today. I took sometime after supper and read through them. The transmitter is very similar to my breadboard one. I think the only difference is mine used a choke in parallel with the crystal and yours used a resistor. The amplifier is interesting. I am thinking it over. Since no one is interested in a test with the RT tx I spent the last two days working on the 211 tubed hartley. Are you going to build the amp from tht article as well?
don VE3LYX
thanks again.
73

11678. Re: [AWA Group] 2a5 Add a stage transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-14 22:50:49 UTC
From: dulmagedon@...
Topic: 11676 Message: 11678

I am listening for you up here. I am hoping to hear you I have my Big Dawg now running on 40M (7053kcs today) It is a fun rig to run. I do run the breadboard one too quite often. Seem to have good luck with that one.
So far with the RT and this big Dawg i have come up dry. Sometimes though that is because the power osc sometimes have a whoop that makes the unitiated nervous. A rig that is no good in regular traffic can be an outstanding performer on BK weekend when everyone is on that vintage page. Simply because folks who don;t build or run vintage stuff get nervous when they hear a musical CW sound. RE PS I built a trippler for the big dawg. never did a tripler before ever but many doublers. I am a wee bit impressed by it. And thanks again for sending me that. I have been looking around this afternoon at my tube stock. I have no 10 tube or 2a5 but I do have the alternative tubes. 46 and 42 I believe it was. I see the article mentions a doubler and a modulator. If you are anything like me you have your favourite band and probably no desire to roam however any plans for AM with it?
don

11679. Re: [AWA Group] 2a5 Add a stage transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-15 01:30:01 UTC
From: dulmagedon@...
Topic: 11676 Message: 11679
Attachments: 1 described; binary payloads are missing from this source WARC

Here is the Big Dawg awaiting an oppourtunity
don VE3LYX

11680. Re: [AWA Group] 2a5 Add a stage transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-15 21:41:04 UTC
From: Bill Stewart
Topic: 11676 Message: 11680

Don, I've been pretty active the last few days with the 2A5 on 40m.
I cked the RBN for you, but no entries. I've been hanging around
7036 or so, depending on QRM on the xtal freq. I've got some xtals
that do the yoop-de-yoop, but can help that a tad, by tuning the tank
cap. The 7036 is my best performer and can get the most output from
it before it stops oscillating.

Have never tried a trippler p/s. For the tube stuff, I usually use the
standard full wave. Will probably build up something for the 2A5 using
a 80. I probably won't run over 400vdc B+. Now I'm using a Heath
bench supply. Oh, I see some 2A5s on eBay that are not too pricey
but other tubes, as mentioned, should work fine.

Yep, some of the modern-rig ops don't know what to think if they hear
a sig that's not up to modern day standards. When I'm chirping or yooping
I sometimes get a report that my battery is weak...hi. I stick to CW so no
AM in the future. I generally work 160 thru 40 and a little 20 sometimes.
Antennas are wire...no beams, so don't do any DXing anymore.

Ok Don, keep sniffing those rosin fumes....73 de Bill K4JYS

----- Original Message -----

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Friday, August 14, 2015 6:50:49 PM
Subject: Re: [AWA Group] 2a5 Add a stage transmitter

I am listening for you up here. I am hoping to hear you I have my Big Dawg now running on 40M (7053kcs today) It is a fun rig to run. I do run the breadboard one too quite often. Seem to have good luck with that one.
So far with the RT and this big Dawg i have come up dry. Sometimes though that is because the power osc sometimes have a whoop that makes the unitiated nervous. A rig that is no good in regular traffic can be an outstanding performer on BK weekend when everyone is on that vintage page. Simply because folks who don;t build or run vintage stuff get nervous when they hear a musical CW sound. RE PS I built a trippler for the big dawg. never did a tripler before ever but many doublers. I am a wee bit impressed by it. And thanks again for sending me that. I have been looking around this afternoon at my tube stock. I have no 10 tube or 2a5 but I do have the alternative tubes. 46 and 42 I believe it was. I see the article mentions a doubler and a modulator. If you are anything like me you have your favourite band and probably no desire to roam however any plans for AM with it?
don

11681. Re: [AWA Group] 2a5 Add a stage transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-15 23:49:29 UTC
From: Larry Szendrei
Topic: 11676 Message: 11681

On 8/15/15 5:41 PM, Bill Stewart cwopr@... [AWAGroup] wrote:
> I stick to CW so no
> AM in the future.

I'm afraid that's not entirely accurate, Bill. :-) I distinctly remember talking to you on AM during an AWA "30s night," which morphed into the AWA AM QSO Party. I was using a homebrew grid-modulated 807 rig at about 7W carrier, and my FB-7. Do you recall? Probably over 10 years ago.

73,
-Larry/NE1S
>
>

11682. Re: [AWA Group] 2a5 Add a stage transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-16 00:17:36 UTC
From: dulmagedon@...
Topic: 11676 Message: 11682

Oh I have been a busy boy. Rosin fumes were again rising. Today the 6l6TNT which became a parralel pair 12sn7 TNT morphed onto a Mopa with a hartley PTO and the original tank as a final on the other half of the 12sn7. I fired it up on the dummy and it was at 6090kcs, A minor adjustment of the slug in the coil and it was on 7043 kcs. Final tank tuned in nicely. Always nervous when stuff works first go.
As for RBN. I have never seen me there , not once ever even when on my TS830S. I will listen for you on 7036kcs. The Big Dawg has a good bark so it should work. We shall see. My brother from Ottawa was here just now. He is a E tech for our old company (now Nemko) so I took him down in the shack as it is his field of work. He liked the 211 rig and the tank radios. Said he should take a photo but didn't. We tried several including some of my primitive AM rigs.
Great hobby!
don VE3LYX

11683. Re: [AWA Group] 2a5 Add a stage transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-16 11:16:44 UTC
From: Bill Stewart
Topic: 11676 Message: 11683

Ya got me Larry. Used to do a little AM work. I used the Viking 2 and AF-67 mostly. But haven't had them on AM in a good while. I don't recall that QSO.. that would be taxing my old brain too much. Ummm, that might be a good winter project, to get back on AM. 73, Bill K4JYS ----- Original Message ----- From: "Larry Szendrei ne1s@... [AWAGroup]" To: AWAGroup@yahoogroups.com Sent: Saturday, August 15, 2015 7:49:29 PM Subject: Re: [AWA Group] 2a5 Add a stage transmitter On 8/15/15 5:41 PM, Bill Stewart cwopr@... [AWAGroup] wrote: I stick to CW so no AM in the future. I'm afraid that's not entirely accurate, Bill. :-) I distinctly remember talking to you on AM during an AWA "30s night," which morphed into the AWA AM QSO Party. I was using a homebrew grid-modulated 807 rig at about 7W carrier, and my FB-7. Do you recall? Probably over 10 years ago. 73, -Larry/NE1S

11684. Re: [AWA Group] 2a5 Add a stage transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-16 12:05:58 UTC
From: dulmagedon@...
Topic: 11676 Message: 11684

I enjoy AM. I am no good at the old buzzard long talks but I enjoy the mode. The Old military rigs (No 19 WS, ARC5s) have worked the best for me. I have a DX60B set up but am not in love with it. I guess I feel it could have been a much better radio with a bit of thought. I really love the homebrew AM stuff and have a transceiver I have been beating on for years that I am finally happy with. It isn't high power but it works well. 6v6 screen mod, carbon mic circuit. And the TNT on AM is a blast as it will reach as far as the DX60B anyway. I only use it on willing victims though. (folks with similar interests in primative AM methods. Don't call CQ with it. I use it if it comes up in conversation as sometimes they ask to hear it). CW though is always fun and I am struggling to get back to the point I am more comfortable with it. I neglected it too long and am paying a price for that even though I used to be pretty decent at it. Now I seem to panic a bit. So in the shack I often read the mail now in CW. I find a lot of VE3 folks saying they don't show up on the RBN ever. No skimmers in our range I suspect.
As to the tripler PSU I also moved keying to the power supply keying the suedo cathode network and then just feeding the two heater wires and B+. I think I may rework my other supplys the same. I like it. Only three wires to hook up. Cleaner neater and it seems to me to work better. Anyway I am monitoring 7036 as a rule now.
Hope to hear you Bill but so far no joy. There was a KK4 on last night for quite a bit and a A0 . It will happen. Just need the right conditions.
Haven't heard Larry on in a while either come to think of it. He must be spending too much time driving the Falcon.
don VE3LYX

11685. QSL K4JYS

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-16 23:47:28 UTC
From: dulmagedon@...
Topic: 11685 Message: 11685

I heard you just a few minutes back on or about 7026.6. Not real strong but copyable on the pekas. it dint last only a few minutes then you was gone! you were working another k something. I gave it a shot with the PTO Mopa while I scrambled to tune the Big hartley donw there. I gave it a shot and was on freq but the band was gone. I saw you come up on RBN so ran down to try.
Nice rig! Signal was not heavy but on peaks(QSB) was very good Sounded nice too. I would give you a 449 however I was excited so you can probably upgrade that one. Any problems were strickly conditions.
don VE3LYX

11686. Re: [AWA Group] QSL K4JYS

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-17 00:20:40 UTC
From: Bill Stewart
Topic: 11685 Message: 11686

OUTSTANDING! Don...yep, that was me. Tnx for the report. The band has been funky for a while now, and the QSB goes deep and sigs go into the mud. When condx settle down, maybe we can try a sked. I was using a woopie xtal so had to reduce power until the xtal would start sharply and not lag the key closure. For some reason I get a lot of strong RBN reports from VE2WU...sometimes over 20db...must have a lobe in his general direction. Tnx agn OM...73, Bill K4JYS

----- Original Message -----

From: "dulmagedon@yahoo.ca [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Sunday, August 16, 2015 7:47:28 PM
Subject: [AWA Group] QSL K4JYS

I heard you just a few minutes back on or about 7026.6. Not real strong but copyable on the pekas. it dint last only a few minutes then you was gone! you were working another k something. I gave it a shot with the PTO Mopa while I scrambled to tune the Big hartley donw there. I gave it a shot and was on freq but the band was gone. I saw you come up on RBN so ran down to try.
Nice rig! Signal was not heavy but on peaks(QSB) was very good Sounded nice too. I would give you a 449 however I was excited so you can probably upgrade that one. Any problems were strickly conditions.
don VE3LYX

11687. Re: [AWA Group] QSL K4JYS

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-17 02:39:15 UTC
From: dulmagedon@...
Topic: 11685 Message: 11687

My life is complete now. I just logged a NewHamp AE with the Big Dawg. I may not sleep tonite! Can't stop grinning.
Well you may have been chokin it but when you were in the clear it was a strong signal from a listeners standpoint. We will hook up. Just keep operating and listen for my call when you finish a QSO. He(The AE1) said I have some AC on my signal. It sounded pretty good on the monitor RX here so I will have to investigate that. I have the PTO mopa going on 40m too. So I can use both and only need to switch the antenna. .
don VE3LYX

11688. VE3DKW, R.I.P.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-17 02:41:39 UTC
From: deswynar@...
Topic: 11688 Message: 11688

Hi Guys,

Just wanted to share with you all the recent passing of Mike (VE3DKW)...

He was a fairly regular participant in the 1929 QSO Parties of yore, an enthusiastic OT radio fan, and once won the Linc Cundall contest for best overall score.

We lose another one to the ranks of the Silent Keys...

~73~ de Eddy VE3CUI - VE3XZ

SHERBA, MICHAEL PETER -

(Retired technician from Bell Canada; life member of the Amateur Radio Club)

DURHAM WEBSITE [1] Peacefully, with his family at his side, on Monday, August 3rd, 2015. Mike, in his 85th year.

Beloved husband of the late Vera. Loving father of Kathleen Sherba, Joanne Sherba-Cordy, Michael Sherba and Lynda Motschenbacher. Dear grandfather of Nikkolai Cordy, Lucas Cordy and Melissa Motschenbacher.

At Mike's request, cremation will occur with a private family gathering to take place at a later date.

In lieu of flowers, donations in memory of Mike to the Alzheimer Society of Durham or to the Canadian Cancer Society may be made through MCINTOSH-ANDERSON-KELLAM FUNERAL HOME [2] LTD., 152 King St. E., Oshawa (905-433-5558).

Online condolences may be shared at MAKFUNERALHOME.COM [3].

We, the family, are thankful to Margery McCoy that she was able to give our Dad love and companionship. Margery is a very special lady who held an important place in our Dad's life.

We are forever grateful to those who took special care of him: Thank you for the compassion from Dr. Dion and the Palliative Green Team, St. Elizabeth's Home Health Care (especially the support from Elizabeth 'The Saint' Stacy), for the help from ParaMed Home Health Services (LeAnne, Elisso, Osseri, Jennifer) and to all of the other PSWs who came with a smile on their faces to make our Dad more comfortable.

A special thank you to Johnny Bastas for making sure that our Dad was always looking sharp for the ladies; and thank you to Mark Bendzsa for always giving our Dad VIP status.

Our Dad was a man who taught us to love family, cherish the moments and respect each other. He will forever hold a place in our hearts.

[4]
MCINTOSH-ANDERSON-KELLAM FUNERAL HOME [2]

DURHAMOBITUARIES.COM [5]

Links:
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[1] http://www.canadianobituaries.com/Durham-Website/
[2] http://www.makfuneralhome.com/
[3] http://www.makfuneralhome.com/obituary_detail.php?id=1633
[4] http://makfuneralhome.com/
[5] http://DurhamObituaries.com/

11689. Re: [AWA Group] QSL K4JYS

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-17 02:46:11 UTC
From: Doug Forbes
Topic: 11685 Message: 11689

Don,Your posts are always so good. Thank you so much for sharing.
Doug Forbes WA6VYN
Professor (Ret.) / Department Chair
Computer Science / Electronics / Music Technology
College of the Canyons

Doug Forbes Page
City Beat
Jazz Americana
Neptune Cocktail

----- Original Message -----
From: dulmagedon@... [AWAGroup] <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Sun, 16 Aug 2015 22:39:15 -0400 (EDT)
Subject: Re: [AWA Group] QSL K4JYS

<!--

.ygrp-photo-title{
clear: both;
font-size: smaller;
height: 15px;
overflow: hidden;
text-align: center;
width: 75px;
}
div.ygrp-photo{
background-position: center;
background-repeat: no-repeat;
background-color: white;
border: 1px solid black;
height: 62px;
width: 62px;
}

div.photo-title
a,
div.photo-title a:active,
div.photo-title a:hover,
div.photo-title a:visited {
text-decoration: none;
}

div.attach-table div.attach-row {
clear: both;

```
}

div.attach-table div.attach-row div {
float: left;

}

p {
clear: both;
padding: 15px 0 3px 0;
overflow: hidden;
}

div.ygrp-file {
width: 30px;
valign: middle;
}
div.attach-table div.attach-row div div a {
text-decoration: none;
}

div.attach-table div.attach-row div div span {
font-weight: normal;
}

div.ygrp-file-title {
font-weight: bold;
}

--><!--
#ygrp-mkp {
border: 1px solid #d8d8d8;
font-family: Arial;
margin: 10px 0;
padding: 0 10px;
}

#ygrp-mkp hr {
border: 1px solid #d8d8d8;
}

#ygrp-mkp #hd {
color: #628c2a;
font-size: 85%;
font-weight: 700;
line-height: 122%;
margin: 10px 0;
}

#ygrp-mkp #ads {
margin-bottom: 10px;
}
```

#ygrp-mkp .ad {
padding: 0 0;
}

#ygrp-mkp .ad p {
margin: 0;
}

#ygrp-mkp .ad a {
color: #0000ff;
text-decoration: none;
}
-->

My life is complete now. I just logged a NewHamp AE with the Big Dawg. I may not sleep tonite! Can't stop grinning.
Well you may have been chokin it but when you were in the clear it was a strong signal from a listeners standpoint. We will hook up. Just keep operating and listen for my call when you finish a QSO. He(The AE1) said I have some AC on my signal. It sounded pretty good on the monitor RX here so I will have to investigate that. I have the PTO mopa going on 40m too. So I can use both and only need to switch the antenna. .
don VE3LYX

11690. Re: [AWA Group] 2a5 Add a stage transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-17 11:05:21 UTC
From: Larry Szendrei
Topic: 11676 Message: 11690

On 8/16/15 8:05 AM, dulmagedon@... [AWAGroup] wrote:
>
>
> Haven't heard Larry on in a while either come to think of it. He must
> be spending too much time driving the Falcon.
> don VE3LYX
>
>
>
I haven't transmitted on 40M AM for quite a while. I've listened up in the 7285-7295 region, and have heard very little activity, so haven't jumped in. Plus I'm busy with summertime projects. I have been on 75M AM just a bit, usually once or twice a week in the mornings.

I don't leave the homestead too often, but I have had the Falcon on the road to run an errand about every other week. I'll be taking it to the Windsor, ME hamfest in a couple of weeks, and also to NearFest in October.

73,
-Larry/NE1S

P.S - Lou, did you make it to the Convention?

11691. Re: [AWA Group] 2a5 Add a stage transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-17 12:00:14 UTC
From: dulmagedon@...
Topic: 11676 Message: 11691

What year is the Falcon Larry?
I drive a 63 Dodge when I am not playing with tubes.
I haven't been on AM for awhile either. Used to talk with VE6PG on 3725 every day but he is working more daytimes now so misses that window. He was very helpful in getting me up and running on AM and was always up for a test. Many of which were successful. He lives not far from Lou. maybe 50 miles away. These CW rigs are fun though. The 6l6 TNT experiment which morphed itself into a 12sn7 hartley mopa appears to be a decent set. I used a slug tuned ceramic coil form for the hartley coil and brought the adjusting screw out the front with the coil under the metal chassis. I put a fixed cap (150pf) accross the hartley coil to bring it in range but tune freq only with the slug . These coil forms have good metal hex screws for adjusting. I used 16 turns of litz centre tapped for that coil. The PA side of the dual triode is the same coil and vari cap I had when it was a 6l6 tnt. It has an almost 2 turn loop out one end grounded around its 1 1/4 inch coil wound with 14 turns of #12 insulated wire (from house wiring) The supply which is on it is a discarded 24 volt transformer from the heating industry .I used the 220 volt primary so I have 12 volts out for the filament.. The B+ comes from a doubler circuit built from the same feed. Anyway I am hoping to work Bill, 2a5 with this one.(and the Big Dawg) It hasn't huge power but I think enough for good conditions. Being able to tune it anywhere on 40M is nice and it appears to me to be very stable. It is small and light so if it works on air it will be fun. BTW nice to see activity like Bills.
don VE3LYX

11692. RF Thermo couple Western Electric amps

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-17 19:46:38 UTC
From: dulmagedon@...
Topic: 11692 Message: 11692

Probably this one isn't the one but someone was looking for an RF ammeter
This one is Western Electric model 425. I need a 199 tubeor equivalent for my oddball socket.

don VE3LYX

11693. Re: 2a5 Add a stage Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-17 20:54:30 UTC
From: JAMES HANLON
Topic: 11693 Message: 11693

For Don, VE3LYX,

If you are unhappy with the AM performance of your DX-60, have a look at http://arizona-am.net/index.html and click on K3YAZ. Frank Cathell has souped up his DX-60 to use a pair of 6146s, and he has improved the modulation as well. Both ideas are illustrated with pictures and schematics on his page. I used his modulator idea on my Knight T-150A which already has two 6146s and I'm told it made things better. I've worked Frank's DX-60 and it sounds quite good.

Jim, W8KGI

11694. Re: 2a5 Add a stage Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-17 23:24:20 UTC
From: dulmagedon@...
Topic: 11693 Message: 11694

I have looked into that too but I wasn't complaining about the AM performance. I just don't like the radio period.
No 1 only crystal control. So you have to buy or build a VFO. I did the later. Also crystals are inside at the back so if you want to change crystals you have to pull the stupid thing down off the shelf to change them. What would have been wrong with a crystal socket out front?
You already covered the power thing. Why only one 6146? The load control is a joke. Sort of works. The calibration means little and is merely a guide. The VFO is powered when the rig is not keyed (key or mike) so you can hear the osc in the rx unless you switch VFO off. I know you can install a relay and probably the Heath VFO already has it but why. Such a simple thing but not done.
If it were something I was going to keep I would jerk the crystals and their holders , build the VFO right there and run a shaft for its variable cap where the crystal selector now is. I would drill and blast for two 6146s and I would put more stomp in the speech amp. I would junk the lovely plastic meter and install something that looked like it belong on a RADIO. I would also repaint it a colour I can see. I am severely colour blind and can't tell if it is green or blue or some other hue.
I guess I just don't like it even if it has been a help to me getting on AM. Since I got the tank radios , No 19 WS I have only had the DX60B on air once. I would rather use 6 watts of RADIO then something that looks like a Tonka toy despite its extra power. Now if any of you have a DX60 please don't be offended. This is just me. My heritage may be poking through my square head. So feel free to run the dust cloth over your DX60 saying "there there" soothingly. And you can think bad thoughts of me the rest of the day. Hopefully you will forgive me tomorrow.
don VE3LYX

11695. Re: [AWA Group] 2a5 Add a stage transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-18 13:10:02 UTC
From: Larry Szendrei
Topic: 11676 Message: 11695

On 8/17/15 8:00 AM, dulmagedon@... [AWAGroup] wrote:
>
> What year is the Falcon Larry?
>
1963. See the photos on my web page at ne1s.rfburn.org

> I drive a 63 Dodge when I am not playing with tubes.
>
My first car was a 1963 Dodge Dart with the 170 cu. in. slant 6 and 3-on-the-column. My grandfather had bought it new, and gave it to me 10 years later when I got my driver's license.

> I used a slug tuned ceramic coil form for the hartley coil and
> brought the adjusting screw out the front with the coil under the
> metal chassis. I put a fixed cap (150pf) accross the hartley coil to
> bring it in range but tune freq only with the slug . These coil forms
> have good metal hex screws for adjusting. I used 16 turns of litz
> centre tapped for that coil. The PA side of the dual triode is the
> same coil and vari cap I had when it was a 6l6 tnt. It has an almost 2
> turn loop out one end grounded around its 1 1/4 inch coil wound with
> 14 turns of #12 insulated wire (from house wiring)
>
Whatever works. But all the wisdom and experience of the past argues for the high-C/low-L tank circuit in the oscillator for best frequency stability, and higher L/lower C in the amplifier in the interest of greater plate efficiency and output.

73,
-Larry/NE1S

11696. QST article

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-18 13:52:13 UTC
From: Roger Kuchera
Topic: 11696 Message: 11696

Gentlemen, I recently constructed and tested the "WA3TFS Audio Notch Filter and Clipper" from the Augustissue of QST. It is a commendable adjunct to a vintage RX.

There is not evidence of ringing. My only negative comment would be that when using "hi-fi"phones there is a slight bit of 120 cycle hum. I believe it may be residual from my RME-69. I havefound that coupling it to my RME-69/BC-453 it makes a very selective combination.

Roger/K1TG

11697. Re: [AWA Group] QST article

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-18 14:58:43 UTC
From: Larry Szendrei
Topic: 11696 Message: 11697

On 8/18/15 9:52 AM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:
> Gentlemen,
> I recently constructed and tested the "WA3TFS Audio Notch Filter
> and Clipper" from the August
> issue of QST. It is a commendable adjunct to a vintage RX.
>
>
I am not familiar with that article, as I am no longer a ARRL member and thus no longer receive QST.

However, I might add that a Softrock Lite II* built for 455 KHz, coupled to your RCVR's 1st IF and fed into the soundcard of a computer running the appropriate (free) software makes a formidable modern-day "Q5-er" with capabilities that were unheard of just 15 years ago. I use one with my SX-28; it's awesome.

* available from www.fivedash.com as a kit, I had mine delivered to my door for under $30 total. Has some tiny surface-mount components, and since I'm such a klutz I could bridge the pins on a miniature tube socket, I enlisted help putting mine together. No connection with fivedash.com or the Softrock kits other than being a satisfied customer, etc.

73,
-Larry/NE1S

11698. Re: [AWA Group] QST article

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-18 16:46:19 UTC
From: Roger Kuchera
Topic: 11696 Message: 11698

Hi Larry, This particular filter is very basic and works at audio frequencies. Needless to say, it does notperform like a digital IF filter. It's redeeming virtues are that it is simple, cheap and it works well.

I installed a lo-Z to hi-Z transformer so that I work into vintage cans. The 120 cycle hum wasgone on my Brandes Superior headset.
Roger/K1TG

On Tuesday, August 18, 2015 10:58 AM, "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv7498865927 #yiv7498865927 -- #yiv7498865927 .yiv7498865927ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv7498865927 div.yiv7498865927ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv7498865927 div.yiv7498865927photo-title a, #yiv7498865927 div.yiv7498865927photo-title a:active, #yiv7498865927 div.yiv7498865927photo-title a:hover, #yiv7498865927 div.yiv7498865927photo-title a:visited {text-decoration:none;}#yiv7498865927 div.yiv7498865927attach-table div.yiv7498865927attach-row {clear:both;}#yiv7498865927 div.yiv7498865927attach-table div.yiv7498865927attach-row div {float:left;}#yiv7498865927 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv7498865927 div.yiv7498865927ygrp-file {width:30px;}#yiv7498865927 div.yiv7498865927attach-table div.yiv7498865927attach-row div div a {text-decoration:none;}#yiv7498865927 div.yiv7498865927attach-table div.yiv7498865927attach-row div div span {font-weight:normal;}#yiv7498865927 div.yiv7498865927ygrp-file-title {font-weight:bold;}#yiv7498865927 #yiv7498865927

On 8/18/15 9:52 AM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:

Gentlemen, I recently constructed and tested the "WA3TFS Audio Notch Filter and Clipper" from the August issue of QST. It is a commendable adjunct to a vintage RX.

I am not familiar with that article, as I am no longer a ARRL member and thus no longer receive QST.

However, I might add that a Softrock Lite II* built for 455 KHz, coupled to your RCVR's 1st IF and fed into the soundcard of a computer running the appropriate (free) software makes a formidable modern-day "Q5-er" with capabilities that were unheard of just 15 years ago. I use one with my SX-28; it's awesome.

* available from www.fivedash.com as a kit, I had mine delivered to my door for under $30 total. Has some tiny surface-mount components, and since I'm such a klutz I could bridge the pins on a miniature tube socket, I enlisted help putting mine together. No connection with fivedash.com or the Softrock kits other than being a satisfied customer, etc.

73,
-Larry/NE1S

11699. Re: [AWA Group] 2a5 Add a stage transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-18 19:07:25 UTC
From: dulmagedon@...
Topic: 11676 Message: 11699
Attachments: 1 described; binary payloads are missing from this source WARC

Did someone say Slant six. That is what I was driving when fractured my spine. My Slant six dragster, now retired. (You tube Senior Dragster , also SR Dragster))
I hadn't thought much about that Larry It was a junk box build and I knew the coil would be on freq if tuned by a normal commonly used variable capacitor. I had the 150pf in the box so whipped it on soldered it in circuit with the tube in place and checked it with the GDO. Was in spec so I fired it up. It came on line at 6090 so a 3/4 turn in got me in band. Next time I will try a 50 pf and more turns. I guess I was thinking 365pf would be a lot. It covers the whole band anyway even to the AM window. Tunes nicely. Output isn't super but a couple of watts at its best spot. Should do on a good day or with someone not too far away but in range. It has an on board PSU shielded from the RF section. It has no bad habits. I wanted the osc section very lightly loaded which always improves stability and then pumped that through the next triode section to get some power. It would do nicely as a VFO crystal substitute as well. My brother bought me a whole box of Weston meters for my birthday but he just brought them in last weekend. I bored a hole today and used the 300 mico Amp with a shunt to get the meter in range (You know. workable range , not calibrated range) on the plate current. Dips nicely on tune.
The slug tuning or PTO is a real boon to the rig. Really really works nicely. I may be addicted. I have two other radios (solid state) that I used it on before this one. No hand capacity effects whatever. Solid as a rock other then tube warm up. After about 7 minutes it is pretty well over and away you go. Of course I never wait that long. ;>). The XYL nicknamed this one Cyclops.
don VE3LYX

11700. Re: [AWA Group] 2a5 Add a stage transmitter [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-18 20:58:55 UTC
From: Larry Szendrei
Topic: 11676 Message: 11700

On 8/18/15 3:07 PM, dulmagedon@... [AWAGroup] wrote:
>
> Did someone say Slant six. That is what I was driving when fractured
> my spine. My Slant six dragster, now retired. (You tube Senior
> Dragster , also SR Dragster))
> I hadn't thought much about that Larry It was a junk box build and I
> knew the coil would be on freq if tuned by a normal commonly used
> variable capacitor. I had the 150pf in the box so whipped it on
> soldered it in circuit with the tube in place and checked it with the
> GDO. Was in spec so I fired it up. It came on line at 6090 so a 3/4
> turn in got me in band. Next time I will try a 50 pf and more turns.
>

I think we're talking about the oscillator tank and not the PA tank,
right? If so, that would be the wrong direction. I would start by
doubling the capacitance, and halving the inductance. I woult use
heftier wire, for half of a 12SN7 at least 16 gauge, and larger wouldn't
hurt. Litz wire offers no advantage at these frequencies, and won't be
able to handle the RF current with a proper high-C, low-L tank circuit.
Save the Litz wire for the low-frequency regens and crystal sets -
that's where it'll shine.

50pF is probably about right for the PA tank (guessing from experience
without "doing the math.")

> I guess I was thinking 365pf would be a lot. It covers the whole band
> anyway even to the AM window. Tunes nicely. Output isn't super but a
> couple of watts at its best spot. Should do on a good day or with
> someone not too far away but in range. It has an on board PSU shielded
> from the RF section. It has no bad habits. I wanted the osc section
> very lightly loaded which always improves stability and then pumped
> that through the next triode section to get some power. It would do
> nicely as a VFO crystal substitute as well.
>
Hey, if it works who am I to argue? But perhaps it could work even better.

> My brother bought me a whole box of Weston meters for my birthday but
> he just brought them in last weekend. I bored a hole today and used
> the 300 mico Amp with a shunt to get the meter in range (You know.
> workable range , not calibrated range) on the plate current. Dips
> nicely on tune.
>
Calibration is nice, but getting the shunt correct for a calibrated
scale is often not possible with the resistors on hand. Been there, done
that. For your purposes, you just want to be able to see the qualitative
effect on dipping and loading the PA. If you want to get an idea of the

scale just stick a VOM on an ammeter scale in series.

> The slug tuning or PTO is a real boon to the rig. Really really works
> nicely. I may be addicted. I have two other radios (solid state) that
> I used it on before this one. No hand capacity effects whatever. Solid
> as a rock other then tube warm up. After about 7 minutes it is pretty
> well over and away you go. Of course I never wait that long. ;>). The
> XYL nicknamed this one Cyclops.
>
That's cool. It wouldn't have occurred to me to use a slug-tuned coil in
this application. I'll have to remember that.

73,
-Larry/NE1S

11701. Re: [AWA Group] 2a5 Add a stage transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-18 21:12:10 UTC
From: Larry Szendrei
Topic: 11676 Message: 11701

On 8/18/15 4:58 PM, Larry Szendrei ne1s@... [AWAGroup] wrote:
>
> On 8/18/15 3:07 PM, dulmagedon@... [AWAGroup] wrote:
> The XYL nicknamed this one Cyclops.
>

Speaking of Cyclops, there was a single-tube regen published in the
1940s called that. It used a 6E5 magic eye tube as its regenerative
detector, which provided a visual indication of when the detector was
oscillating.

There's your next project, Don!

73,
-Larry/NE1S

11702. Re: [AWA Group] 2a5 Add a stage transmitter [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-19 01:04:39 UTC
From: dulmagedon@...
Topic: 11676 Message: 11702

I am no litz wire fan. It just happened to be in the box when I decided to wind the coil. I saved it from a 1920s radio I dismantled. Normally I use light solid core hook up wire but for a 40m with these slug tuned deal I cant get enough L with it. Anyway it turned out to be a nice little CW rig so I am happy. I have a tuning eye tube here I used to build a modulation monitor of sorts. It wasn't practical but worked to the extent you could see the change and if you pushed it too hard the lines would meet. I can see it becoming a tube for a regen. Good name for such a rig.
don VE3LYX

11703. Re: [AWA Group] 2a5 Add a stage transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-19 10:33:01 UTC
From: dulmagedon@...
Topic: 11676 Message: 11703

http://peeblesoriginals.com/radioarticles/images/cyclops1.jpg
http://peeblesoriginals.com/radioarticles/images/cyclops1.jpg

11704. Cyclops

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-19 17:06:43 UTC
From: dulmagedon@...
Topic: 11704 Message: 11704
Attachments: 1 described; binary payloads are missing from this source WARC

Still Works!

11705. New Regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-20 23:22:44 UTC
From: Steve
Topic: 11704 Message: 11705

I've just completed my summer radio project, a 1933 George Grammer 3-tube regen from the Handbook.
A write-up has been posted on my website here... along with a recording made last night on 40m cw.

http://members.shaw.ca/ve7sl/regen.html

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11706. Re: New Regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-21 03:14:57 UTC
From: dulmagedon@...
Topic: 11704 Message: 11706

I read your build with great interest. That is not an easy build so you are to be commended. One thing though was you comment regens cannot be compared with modern receivers. I will say it again. A good working regen will put any modern receiver to shame as far as what it can hear. No 1 problem is too much antenna and too much gain. A few feet of wire or a small loop three turns on a ten inch form will get you the world and any QSo you might wish. They are not easy to run but once one gets used to the radio and its habits they are a very very effective piece. I would run it for awhile before I said anything. You may be pleasantly surprised. Here in regen central (currently 8 operating and one in the hospital) I try to use them for QSOs as well. The classic twinplex is so far far and away the best I have built and used. I have it in the 6sn7 version. I compare it against my TS830S and it wins hands down. It hears stuff I can't even find on the Kenwood.
Anyway you executed this nicely. Congrats and thanks for the link. You do nice work!
don VE3LYX

11707. New Regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-21 14:52:31 UTC
From: Roger Kuchera
Topic: 11704 Message: 11707

Howdy Steve, Your efforts look outstanding. Nicely done.
  BTW: Where did you get the 1/4" Brass stock?
Roger/K1TG

11708. Big 1 1/2 volt battery

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-21 15:58:41 UTC
From: dulmagedon@...
Topic: 11708 Message: 11708

Thank to Steve and his project I decided to drag out one of my regens. This one currently has a pair of 26 tubes in it which are 1 1/2 volt heaters . I found a single D cell didn,t have enough to bring them up to temp and two could just barely do it. I decided what I needed was one of those big ol tall 1 1/2 volts we used to buy back in the day but they are gone . However in my mispent youth I had taken apart a few batteries and new that 6 volt lantern cells have normal batteries inside wired in series so the 4 1 1/2 make 6 volts. So I went to town and bought a lantern battery. Alkalines were on sale so that is what I came home with. I took the battery apart by bending the bottom flange out with a pair of sidecutters I disassembled it and found four normal length alki d cells inside and a card board stuffer. I stood them all upright. Neg bottoms and positive tops. I soldered the bottom contacts together with a hank of wire and fed it up the side of the batteries. I tinned the positive bump on top and connected the with some wire. I put the stuff on top then soldered the wires to the spring contact at the top + to the + one and - to -. I assembled the battery and as neatly as possible refolded the edge. Being the bottom it isn't visible anyway but I tried to make it decent. checked and sure enough i now had a large 1 1/2 volt battery. I grabbed the twin 26 regen and hooked it up to this new heater supply nd hooked up the B + (multiple 9 volts.) clipped on the antenna , rimmed the antenna coupling and tuned for a station. Surpisingly I found a Cw station banging away and up band a bit a SSB conversation going on. I listened to the SSB for a bit and then remembered my bold statement this morning about regens ability to hear. I brought the regen control just up into oscilation and searched for it on the HR 10 receiver which is on a beveridge and does well in poor conditions. I found where I was tuned to quickly and killed the regens osc and looked for the SSb sig, could not find it anywhere and yet this ol regen could hear it. I mean I could understand what they were saying it wasn't just a somethings there thing.So I switched to the DX 390 RadioShack receiver which is a handy addition to the shack. I could not find the SSB either but could still read it on the regen. And this isn't my good regen. it is a so so one so i stand by what i said once again. Having confirmed it again for probably the 20th time. Very senstive radios although not easy to run. And now I have a big 1 1/2 volt battery. All I guess thanks to Steve and his adventure.
don VE3LYX

11709. Re: [AWA Group] New Regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-21 16:31:41 UTC
From: Larry Szendrei
Topic: 11704 Message: 11709

On 8/20/15 7:22 PM, 'Steve' ve7sl@... [AWAGroup] wrote:
>
> I've just completed my summer radio project, a 1933 George Grammer 3-tube
> regen from the Handbook.
> A write-up has been posted on my website here... along with a
> recording made
> last night on 40m cw.
>
> http://members.shaw.ca/ve7sl/regen.html
>
> Steve
>
Very, very nice, Steve! With we had a Metal Supermarket or the
equivalent around here. I've long lusted after that particular project,
but the metalwork (materials, tools, and skill level) have prevented my
from trying to reproduce it - so far.

I did find one error you may want to correct. You wrote "Grammer also
gave the builder a choice of using 2.5V or 6.3V tubes and I chose the
six-volt variety ... 78's (RF and Detector) and a 58 (Audio)".
Since the 58 is the 2.5V heater analog of the 78, and is a pentode, I
think you meant either 76 or 37.

One question: did you make that recording with your hand on or off the
tuning? ;-)

My summer radio project has been at the other end of the time-domain
spectrum - building a Softrock Ensemble II SDR receiver kit.

73,
-Larry/NE1S

11710. Re: [AWA Group] New Regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-21 17:34:16 UTC
From: Dry Martini Holding Company☐
Topic: 11704 Message: 11710

Have you tried lowes or home despot? They do not have the selection of metals that MS has, but...

Another avenue to try is to look for a metal fabricator. Maybe they will sell you small pieces.

Robert
KG4KGL

> On Aug 21, 2015, at 12:31, Larry Szendrei ne1s@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> Very, very nice, Steve! With we had a Metal Supermarket or the equivalent around here. I've long lusted after that particular project, but the metalwork (materials, tools, and skill level) have prevented my from trying to reproduce it - so far.
>
>

11711. Re: [AWA Group] New Regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-21 17:44:06 UTC
From: Steve
Topic: 11704 Message: 11711

Thanks all for your nice comments!

Don - the experience you have had, comparing sensitivity with modern radios, has not been duplicated here. Both of my regens (Paraset and this one) are very sensitive up to around 10MHz when comparing them with my modern HF radios. Although the 1930's front-end tubes have a high noise figure, it is still not high enough that normal band / atmospheric noise up to at least 40m and slightly above, can overcome the tube noise. Even today, in daylight, on my very RF-quiet island, the Grammer receiver can detect atmospheric / band noise on 7MHz. so I think I can safely say that on 40m and below, the sensitivity of these radios is 'more than enough'. That's about the only area that these things can compete with anything modern...selectivity, stability, frequency calibration etc cannot be equalled at all. For a 1930's radio, this one is really very stable and sensitive and would certainly have been a wonderful addition to most shacks of the day.

Bob - unfortunately I don't have any dial-stringing info for this dial. I have asked around and if I get any responses, will pass them to you. I can (let me know) if you wish, send you a photo of what it looks like from the outside but most of the complicated stuff is all enclosed inside the drum. I studied it earlier and just shook my head as I could see no way of opening it without having it all 'jump' apart on me...it's all very tightly wound.

Roger - the 1/4" brass bar stock was bought at the Metal Supermarket. They will also do mail orders if you have these in the U.S.

Larry - thanks for picking-up the error on the webpage. I will change that this morning! The one great thing with this receiver, likely because of all of the shielding, is that there is no hand-effect whatsoever. Once the RF stage has been peaked (preselector), the regen level set and the AF gain set, it is strictly a one-knob radio. It will easilly tune through the entire 40m band with no adjustment needed and several MHz higher / lower, just by re-peaking the RF stage. The regen setting holds throughout the entire range. The way the coils are wound, along with the small variable, spreads 40m over more than half of the drum dial.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11712. Re: [AWA Group] New Regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-21 17:46:36 UTC
From: Steve
Topic: 11704 Message: 11712

should read 'cannot overcome'

> it is still not high enough that normal band / atmospheric noise up to at
> least
> 40m and slightly above, cannot overcome the tube noise.

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

11713. Re: [AWA Group] New Regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-21 18:35:45 UTC
From: Roger Kuchera
Topic: 11704 Message: 11713

Gentlemen, As I recall Fred Sutter built one of his mini-rigs as a regen and he made a point of the factthat most regens suffer from too much antenna. I believe he used an old car antenna on hisregen.

Alas! We had a Metals Supermarket locally until state and local taxes drove the shop outof business. I may try them via the net. Thanks for the skinny.

I believe "GG" would be pleased to see your unit.

Roger/K1TG

On Friday, August 21, 2015 1:47 PM, "'Steve' ve7sl@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

should read 'cannot overcome'

> it is still not high enough that normal band / atmospheric noise up to at
> least
> 40m and slightly above, cannot overcome the tube noise.

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

Posted by: "Steve" <VE7SL@...>

Yahoo Groups Links

11714. Re: [AWA Group] New Regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-21 19:12:31 UTC
From: dulmagedon@...
Topic: 11704 Message: 11714

Well I wouldn't dispute any of that. Sensitivity is their strong point and they are not great at above 10mcs. Selectivity is acceptable for me even in crowded conditions because the note tone between signals lets me follow my Qso and ignore the rest. I have a couple that are real stable and not bothered by hand capacity but my best for sensitivity also have that annoying trait. I have learned to deal with it. I run most of mine on batteries so for low signal work there is almost no noise. Sig to noise is always good when noise is at a minimum. What we sometimes think is atmospheric sometimes isn't. It is downright spooky how quiet conditions are on battery compared with a PSU, even a good PSU. Anyway nice job. I knew I had seen the circuit before. A modified version of the same radio is in my 1939 Hammarlund Shortwave Manual. I dug it out this morning and compared pictures then read the whole article. It says the original circuit appeared in the tenth edition of the ARRL handbook several years before. Changes were minor. Must be a pretty good radio to still be recommended that many years later. Enjoy.
don VE3LYX

11715. RE: [AWA Group] New Regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-21 19:20:55 UTC
From: Mike Feher
Topic: 11704 Message: 11715

Take a look at the National 1-10 and the HFS. Regens that went real high in frequency. There are a lot of pre-WWII military regens also that went pretty high. My Ocean Hopper worked fine above 10 MHZ. However, about 1962 I found transistors and I built a 10 meter regen using a Philco Surface Barrier transistor. I remember with that tiny set, on a piece of vector board, out in my back yard on LI, I could hear the world on 10 meters with no problem using a short wire. Admittedly, 10 meters then was really hot. 73 – Mike .

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, August 21, 2015 3:13 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] New Regen

Well I wouldn't dispute any of that. Sensitivity is their strong point and they are not great at above 10mcs. Selectivity is acceptable for me even in crowded conditions because the note tone between signals lets me follow my Qso and ignore the rest. I have a couple that are real stable and not bothered by hand capacity but my best for sensitivity also have that annoying trait. I have learned to deal with it. I run most of mine on batteries so for low signal work there is almost no noise. Sig to noise is always good when noise is at a minimum. What we sometimes think is atmospheric sometimes isn't. It is downright spooky how quiet conditions are on battery compared with a PSU, even a good PSU. Anyway nice job. I knew I had seen the circuit before. A modified version of the same radio is in my 1939 Hammarlund Shortwave Manual. I dug it out this morning and compared pictures then read the whole article. It says the original circuit appeared in the tenth edition of the ARRL handbook several years before. Changes were minor. Must be a pretty good radio to still be recommended that many years later. Enjoy.
don VE3LYX

11716. Re: [AWA Group] New Regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-21 19:41:19 UTC
From: Steve
Topic: 11704 Message: 11716

> the fact that most regens suffer from too much antenna.

I did notice this behavior in my Paraset regen when first built. It suffered from tunable hum and was going into regen mode with an audible 'click'. The original 100pF was slowly reduced until at 10pf the tunable hum had vanished and it also went into regen smoothly with no click or thump...I was surprised that both of these were the result of overcoupling.

The new Grammer is just the opposite when it comes to the antenna, probably because of the RF stage nicely isolating the detector...I had first tested it with a 50' piece of coax going outdoors to one of my LF antenna's loading coils, in effect, a random length of wire. When I put the full-sized 40m coaxial-fed antenna (half-sloper) on it, I couldn't believe the difference...it was like a totally different receiver.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11717. Re: [AWA Group] New Regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-21 19:58:26 UTC
From: Steve
Topic: 11704 Message: 11717

>A modified version of the same radio is in my 1939 Hammarlund Shortwave
>Manual. I dug it out this morning and compared pictures then read the whole
>article. It says the original circuit appeared in the tenth edition of the
>ARRL handbook several years before. Changes were minor. Must be a pretty
>good radio to still be recommended that many years later. Enjoy.

Thanks Don...yes, I have seen this and was also surprised at the publication date. I would have thought the receiver to be getting a little long-in-the-tooth by then as superhets, or some form of them, were probably the norm in most shacks by 1940. I have also been told that the Grammer regen was so popular in its day that Hammarlund actually manufactured and sold pre-wound coils for it! I'd love to get my hands on some of those.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11718. Re: [AWA Group] New Regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-21 22:04:36 UTC
From: dulmagedon@...
Topic: 11704 Message: 11718

Well it sounds like you are enjoying it. Yes, I have a RF fronted regen here too. Built from the Powerhouse Design as they called it. It has very different chracteristics from a normal unfronted regen. I am still not sure if I like it or not. However you got me back in regen mode and I have been rubbing on this old twin 26 tube regen this afternoon. Changing a few things I should have done before. Finally I fired it up again with a set of 9 volts that are sagging but still enough for it to work. I found a roaring 20s music show on 49M and was listening away while I was putting my tools away. It seemed appropriate when the music finished and the announcer said "That record was released Nov 14 1927." As could have been the radio I thought!
don VE3LYX

11719. Re: [AWA Group] New Regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-21 22:05:43 UTC
From: Larry Szendrei
Topic: 11704 Message: 11719

On 8/21/15 3:20 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Take a look at the National 1-10 and the HFS. Regens that went real
> high in frequency. There are a lot of pre-WWII military regens also
> that went pretty high.
>

The 1-10 is a superregen. and the HFS is a superhet. (I have one of each. In fact the HFS I have came from the top of Mt. Washington - I was told by the gentleman who gave it to me that it had been used in some capacity in Major Armstrong's Yankee Network.)
>
> My Ocean Hopper worked fine above 10 MHZ. However, about 1962 I found
> transistors and I built a 10 meter regen using a Philco Surface
> Barrier transistor. I remember with that tiny set, on a piece of
> vector board, out in my back yard on LI, I could hear the world on 10
> meters with no problem using a short wire. Admittedly, 10 meters then
> was really hot.
>
Yeah - missed those days, unfortunately. I was just 5 years old in '62. It was a year or 2 later when I pulled my first radio out of a trashcan, and I was using a soldering iron about a year after that.

73,
-Larry/NE1S

11720. RE: [AWA Group] New Regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-21 23:14:05 UTC
From: Mike Feher
Topic: 11704 Message: 11720

Yea Larry, I forgot, the HFS is part superhet and I believe it has a superregen detector. I still have a couple but never did play with them. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, August 21, 2015 6:06 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] New Regen

On 8/21/15 3:20 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

Take a look at the National 1-10 and the HFS. Regens that went real high in frequency. There are a lot of pre-WWII military regens also that went pretty high.

The 1-10 is a superregen. and the HFS is a superhet. (I have one of each. In fact the HFS I have came from the top of Mt. Washington - I was told by the gentleman who gave it to me that it had been used in some capacity in Major Armstrong's Yankee Network.)

My Ocean Hopper worked fine above 10 MHZ. However, about 1962 I found transistors and I built a 10 meter regen using a Philco Surface Barrier transistor. I remember with that tiny set, on a piece of vector board, out in my back yard on LI, I could hear the world on 10 meters with no problem using a short wire. Admittedly, 10 meters then was really hot.

Yeah - missed those days, unfortunately. I was just 5 years old in '62. It was a year or 2 later when I pulled my first radio out of a trashcan, and I was using a soldering iron about a year after that.

73,
-Larry/NE1S

11721. Re: [AWA Group] New Regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-21 23:56:30 UTC
From: Larry Szendrei
Topic: 11704 Message: 11721

On 8/21/15 7:14 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Yea Larry, I forgot, the HFS is part superhet and I believe it has a
> superregen detector. I still have a couple but never did play with
> them. 73 – Mike
>
>
Yep, Mike. Mine's pretty deaf, it's waiting for me to "get to it." Great physical condition, though.

73,
-Larry/NE1S

11722. Re: [AWA Group] New Regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-22 03:48:27 UTC
From: dulmagedon@...
Topic: 11704 Message: 11722

Well generally around 10 meters which in the old books is VHF beginning they would go to supergennys. My transceivers regen section I built has coils for 15 meters and functions there.10 M would be workable but it is about the practical limit. I have a 2 M super genny aka benton harbor lunch box or a Twoer and they made the same set as a six er and a ten er . I have a ten meter regen here built in a card file box and it works but I am not pleased with the whole deal so I set it aside for now. It is an AM rig. To enjoy a regen it has to work everytime without a lot of fiddling. Not all do that. That is how certain designs got popular. They were easy to run and always worked. Some folks can squeeze a regen to its limits and some cant get a single signal on the same set. I watch and check antenna coupling a lot on the one I was using today. It is sensitive there. The twinplex for me has been the easiest of the old designs. It always works and works well with no baloney or fiddling. I am confining this to tube regens. I do have several of the other variety but they dont belong here.
don VE3LYx

11723. Classic Exchange this September

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-22 17:23:16 UTC
From: JAMES HANLON
Topic: 11723 Message: 11723

This is a reminder to all of you good folks that the Classic Exchange will be running again this September. In particular, the CW portion of the CX is set for Sunday, September 20 from 9 am EST to 3 am EST on Monday, September 21 AND on Tuesday, September 22 from 9 am EST to 3 am EST on Wednesday, September 23. The Tuesday-Wednesday is a new time slot that has just been added to the traditional CX time on Sunday.

The Phone portion of the CX is set for Sunday, September 27 from 9 am EST to 3 am EST on Monday, September 28 AND on Tuesday, September 29 from 9 am EST to 3 am EST on Wednesday, September 30. The Phone portion is open to all modes, AM, FM and SSB, and there are separate frequencies recommended for each mode.

In case you haven't heard of the CX, here's a short description from the web page at www.classicexchange.org . You can find a lot more information on the CX such as frequencies, scoring, the exchange, reports, and the CX Newsletter at that site. Click on SEPTEMBER 2015 CX ANNOUNCEMENT for details about the upcoming run.

"The CX is a no-pressure contest celebrating the older commercial and homebrew equipment that was the pride and joy of ham shacks many decades ago. The object is to encourage restoration, operation and enjoyment of this older Classic equipment.

However, you need not operate a Classic rig to participate in the CX. YOU MAY USE ANY RIG in the contest although new gear is a distinct scoring disadvantage.

You can still work the "great ones" with modern equipment.

There are new Bonus Scores for using the same model rigs as your Novice station and for using a Hallicrafters receiver with a two number identifier, e.g. S-38, SX-99 and for using a World Radio Lab (WRL) transmitter, e.g. Globe Scout 65."

I think it would be a good idea for those of us who are running our low power 1929 or WW2 transmitters on AM to set up a time and frequency schedule for participation in the CX. That would help everyone, both the QRP/OT folks and the "regular" AM ops to get together, and it might result in some interesting DX contacts for the QRP/OT guys. What say?

Jim Hanlon, W8KGI

11724. Re: Classic Exchange this September

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-22 19:03:43 UTC
From: dulmagedon@...
Topic: 11723 Message: 11724

Sounds like a plan.
don VE3LYX

11725. Bands 40M & 80M Were Open Tonight

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-23 03:12:25 UTC
From: dulmagedon@...
Topic: 11725 Message: 11725

I went down to the shack about 7 30pm my time. By dark there was a lot of activity. Both on 40M and 80M. I tried a few calls with several rigs but too crowded for low power tonight. The Rat Trap still hasn't a QSO even though as of today it is putting out 5 watts into the antenna. I think the whoop whoop makes normal operators nervous. I had the 211 Hartley on tonight and it surprised me it didn't make a connection as I have had some success with it recently. I had the breadboard station on for a bit. Then I switched on the No 19 wireless. There was a QSO on 7290kcs. I have worked him twice recently so I let him enjoy this one. I switched to 80M and found some there too. I popped the big long wire onto the ARC BC 454 rx and powered it up. Checked out the band. That Rx seemed to be working well tonight. I thought about firing up the 80M ARC 5 but had stolen the modulators tubes for the breadboard project. Anyway it has been a long time since I heard this much activity on the bands. Jim's post reminded me to get everything working and double checked. Nice to see the bands coming around .
don VE3LYX

11726. Pierson-Delane PR-15

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-23 19:27:17 UTC
From: Larry Szendrei
Topic: 11726 Message: 11726
Attachments: 2 described; binary payloads are missing from this source WARC

Yesterday a Pierson-Delane PR-15 followed me home from a meet. (It was a package deal with another radio - a Breting 12 restoration project - that I bought.) Patterson originally produced this receiver before it was manufactured by Peirson-Delane.

It appears to be an incomplete restoration, with a freshly-painted cabinet. It is missing the dial glass, and the silkscreened metal "mask" that hides most of the tuning dial mechanism. I would love to find one in order to complete the restoration of this beauty, so any suggestions would be welcome.

There's a puzzle, though. All the PR-15 photos I've found in books, advertisements, or online show an oval dial opening/escutcheon, as in the attached file PR-15_2. This is rectangular on mine, shown in PR-15_1. Can anyone shed any light on this?

Thanks for any leads on the missing part, and the escutcheon mystery.

73,
-Larry/NE1S

11727. Re: [AWA Group] Pierson-Delane PR-15 [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-23 21:08:33 UTC
From: Roger Kuchera
Topic: 11726 Message: 11727

Try Radio Daze, they make some plates. I got a new dial for my Emerson Mod. 59 there.
Roger/K1TG

On Sunday, August 23, 2015 3:27 PM, "Larry Szendrei ne1s@... [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:

Yesterday a Pierson-Delane PR-15 followed me home from a meet. (It was a
package deal with another radio - a Breting 12 restoration project -
that I bought.) Patterson originally produced this receiver before it
was manufactured by Peirson-Delane.

It appears to be an incomplete restoration, with a freshly-painted
cabinet. It is missing the dial glass, and the silkscreened metal "mask"
that hides most of the tuning dial mechanism. I would love to find one
in order to complete the restoration of this beauty, so any suggestions
would be welcome.

There's a puzzle, though. All the PR-15 photos I've found in books,
advertisements, or online show an oval dial opening/escutcheon, as in
the attached file PR-15_2. This is rectangular on mine, shown in
PR-15_1. Can anyone shed any light on this?

Thanks for any leads on the missing part, and the escutcheon mystery.

73,
-Larry/NE1S

Yahoo Groups Links

11728. Re: [AWA Group] Pierson-Delane PR-15

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-23 21:45:52 UTC
From: Larry Szendrei
Topic: 11726 Message: 11728

Thanks; Roger! I'll try them.

On 8/23/15 5:08 PM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:
> Try Radio Daze, they make some plates. I got a new dial for my Emerson
> Mod. 59 there.
>
> Roger/K1TG
>
>
>
> On Sunday, August 23, 2015 3:27 PM, "Larry Szendrei
> ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:
>
>
> Yesterday a Pierson-Delane PR-15 followed me home from a meet. (It was a
> package deal with another radio - a Breting 12 restoration project -
> that I bought.) Patterson originally produced this receiver before it
> was manufactured by Peirson-Delane.
>
> It appears to be an incomplete restoration, with a freshly-painted
> cabinet. It is missing the dial glass, and the silkscreened metal "mask"
> that hides most of the tuning dial mechanism. I would love to find one
> in order to complete the restoration of this beauty, so any suggestions
> would be welcome.
>
> There's a puzzle, though. All the PR-15 photos I've found in books,
> advertisements, or online show an oval dial opening/escutcheon, as in
> the attached file PR-15_2. This is rectangular on mine, shown in
> PR-15_1. Can anyone shed any light on this?
>
> Thanks for any leads on the missing part, and the escutcheon mystery.
>
> 73,
> -Larry/NE1S
>
> .
>
>

11729. Another Regen 56 and 58 tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-26 01:48:14 UTC
From: dulmagedon@...
Topic: 11729 Message: 11729

Spurred on my Steve's recent build I remembered I had some of those ancient tubes around. One was in a regen/transceiver I built which had recently become a parts source as I no longer use it. I stripped it down to its base and sockets and started over. Nothing exotic just a typical Hartley regen which is little more then a osc struggling to oscillate staving for fuel (Plate volts)while phones monitor the load. I used the 58 as an audio amp. Started soldering about 9 and had a signal in the phones before lunch. Spent the afternoon making a new front panel and trying different values to see if It could be improved. It is centered around 30M but ventures into SWL zones as well. Not a world beater or anything. Just a lil ol regen that would have been right at home in somebody's shack back in the dirty thirties. Kind of a fun build on a cloudy day. I want to try a passive RF stage ahead of the unit just to see what happens. Never spent much time on 30M . Anything vintage happen there?

don VE3LYX

11730. Re: Another Regen 56 and 58 tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-08-27 17:05:50 UTC
From: dulmagedon@...
Topic: 11729 Message: 11730
Attachments: 2 described; binary payloads are missing from this source WARC

A few war wounds from the previous build but here it is. ALSO today I rebuilt the PS I did for my Wireless #19 today. Maintaining full voltage on transmit however sounds a bit hummy on the monitor. I built the economy supply from the 80 ARRL book (The blue one 82?) but the design has been in several of their books. I had thought because if that it should be ok. What are the tricks? Or is my monitor too close to make a decent judgement. (same room) PSU hum is my weak spot. I would like to change that.
don VE3LYX

11731. Eddystone 2015

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-01 17:49:19 UTC
From: dan.w7oil@...
Topic: 11731 Message: 11731
Attachments: 1 described; binary payloads are missing from this source WARC

I am starting on a project I call "Eddystone 2015". It will be a replica of the WW2 vintage Eddystone "All-World Two" from Great Britain. This set played an important part in intercepting enemy radio signals by English hams who were "Volunteer Interceptors". A set worthy of copying except for a few minor details like parts that are non-existent, at least on this side of the pond. I will have to make substitutions as needed for parts such as the detented bandset variable capacitor, the "Mullard" tubes (I'll use a #34 and a #33) and some capacitors. It will be electrically as similar as possible to the original and the physical resemblance will be strong.
73,
Dan - W7OIL

11732. Re: [AWA Group] Eddystone 2015 [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-01 19:09:01 UTC
From: Louis Vermond
Topic: 11732 Message: 11732

Dan,

Add an audio control to the ckt. GL, Lou

----- Original Message -----
From: dan.w7oil@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-09-01 1:49 PM
Subject: [AWA Group] Eddystone 2015 [1 Attachment]

I am starting on a project I call "Eddystone 2015". It will be a replica of the WW2 vintage Eddystone "All-World Two" from Great Britain. This set played an important part in intercepting enemy radio signals by English hams who were "Volunteer Interceptors". A set worthy of copying except for a few minor details like parts that are non-existent, at least on this side of the pond. I will have to make substitutions as needed for parts such as the detented bandset variable capacitor, the "Mullard" tubes (I'll use a #34 and a #33) and some capacitors. It will be electrically as similar as possible to the original and the physical resemblance will be strong.
73,
Dan - W7OIL

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11733. 2.5 volt Filament xfmr needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-01 21:44:09 UTC
From: Bill Stewart
Topic: 11733 Message: 11733

GA all,
Does anyone have a 2.5vac filament transformer at 1.75A min. in excess of your needs? I need one for a 2A5.
Thanks de Bill K4JYS

11734. Gizmos

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-02 00:09:22 UTC
From: Michael Bittner
Topic: 11734 Message: 11734
Attachments: 2 described; binary payloads are missing from this source WARC

Does anyone know how these Socket Wiring Plugs were used??? I can't think of any use for them and haven't found anything on the internet regarding these gizmos.

Mike, W6MAB

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11735. Re: Another Regen 56 and 58 tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-02 03:20:15 UTC
From: dulmagedon@...
Topic: 11729 Message: 11735

I ran through the 2.5 volt deal here as well . Both with the 45 tubes I use and the new regen which is a pair of 2.5s and seriesed for 5 volts so I cheated however I use a HD 6.3 winding and a old radio heater rheo to keep it and the 2.5v 45 transmitters on voltage. With the 45 tube it is surprising how much it takes to keep it at 2.5. The 56 58 regen is quickly becoming my favourite. It is a hartley so a lot of the regen issues with an Armstrong are non existent. It is smooth , almost on perceptable going into regen. It hears well. Hum even on AC power is not an obstacle although still quite noticeable. I made some real inroads into making it manageable today. It is silent that way on battery heater power. Hope to make a qso using It soon. it is a 40 m only regen.
don VE3LYX

11736. Re: [AWA Group] Gizmos [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-02 03:52:48 UTC
From: Roger Kuchera
Topic: 11734 Message: 11736

Hi Mike, I am making a SWAG here but what about preventing solder from wicking up the socketcontacts?
Roger/K1TG

On Tuesday, September 1, 2015 8:08 PM, "'Michael Bittner' mmab@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv5717223005 #yiv5717223005 .yiv5717223005ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv5717223005 div.yiv5717223005ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv5717223005 div.yiv5717223005photo-title a, #yiv5717223005 div.yiv5717223005photo-title a:active, #yiv5717223005 div.yiv5717223005photo-title a:hover, #yiv5717223005 div.yiv5717223005photo-title a:visited {text-decoration:none;}#yiv5717223005 div.yiv5717223005attach-table div.yiv5717223005attach-row {clear:both;}#yiv5717223005 div.yiv5717223005attach-table div.yiv5717223005attach-row div {float:left;}#yiv5717223005 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv5717223005 div.yiv5717223005ygrp-file {width:30px;}#yiv5717223005 div.yiv5717223005attach-table div.yiv5717223005attach-row div div a {text-decoration:none;}#yiv5717223005 div.yiv5717223005attach-table div.yiv5717223005attach-row div div span {font-weight:normal;}#yiv5717223005 div.yiv5717223005ygrp-file-title {font-weight:bold;}#yiv5717223005 -->

Does anyone know how these Socket Wiring Plugs were used??? I can't think of any use for them and haven't found anything on the internet regarding these gizmos. Mike, W6MAB

| | This email has been checked for viruses by Avast antivirus software.
www.avast.com |

11737. Re: [AWA Group] Gizmos [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-02 04:23:45 UTC
From: Leonard Meek
Topic: 11734 Message: 11737

There are two of them; one for 7 pin sockets and one for 9 pin sockets. They're used to clear a socket before inserting the tube. They usually come with a matching socket for straightening the pins on the tubes. Every radio shack and electronic space on ships has a set of these. I have mine mounted on the edge of the shelf over my bench.
----- Original Message -----
From: 'Michael Bittner' mmab@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Tuesday, September 01, 2015 2:09 PM
Subject: [AWA Group] Gizmos [2 Attachments]

Does anyone know how these Socket Wiring Plugs were used??? I can't think of any use for them and haven't found anything on the internet regarding these gizmos.

Mike, W6MAB

This email has been checked for viruses by Avast antivirus software.
www.avast.com

11738. Re: [AWA Group] Re: Another Regen 56 and 58 tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-02 17:19:31 UTC
From: Leonard Meek
Topic: 11729 Message: 11738

Don, I did a similar thing with my Mk.9 regen. My xfmr had an unused 5V winding (since I used 1N4007's for B+ supply) so I seriesed rwo 2.5V heaters and powered them off it. Works fine, last a long time. Most power xfmrs have a 5V winding for rectifier heaters. Ideal for two 2.5V heaters.

Leonard

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Tuesday, September 01, 2015 5:20 PM
Subject: [AWA Group] Re: Another Regen 56 and 58 tubes

I ran through the 2.5 volt deal here as well . Both with the 45 tubes I use and the new regen which is a pair of 2.5s and seriesed for 5 volts so I cheated however I use a HD 6.3 winding and a old radio heater rheo to keep it and the 2.5v 45 transmitters on voltage. With the 45 tube it is surprising how much it takes to keep it at 2.5. The 56 58 regen is quickly becoming my favourite. It is a hartley so a lot of the regen issues with an Armstrong are non existent. It is smooth , almost on perceptable going into regen. It hears well. Hum even on AC power is not an obstacle although still quite noticeable. I made some real inroads into making it manageable today. It is silent that way on battery heater power. Hope to make a qso using It soon. it is a 40 m only regen.
don VE3LYX

11739. Re: [AWA Group] Re: Another Regen 56 and 58 tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-02 21:17:45 UTC
From: dulmagedon@...
Topic: 11729 Message: 11739

Good going Leonard. Creativity is what makes radio fun! Your stuff is always interesting. Today was a great day here. I made my first contact with the 6sn7 rig today. Worked K2TPZ in Baltimore. Was ruff going as the big guns were all over us pounding away but we made enough to exchange signal reports and QTHs etc. Going to try again tomorrow. Annoying when a hi power stations sends QRL then CQ without a break. Now the only rig still begging a QSO is the rat trap 45 TNT. Been running the 211 Hartley a bit. That is fun even if I run it at somewhat moderate power. It works pretty good now. Nice feeling seeing that BIG monster tube sitting there. When I get over run like I did today by big power stations I am tempted to put the full 1250v to it and send "Go ahead son, Make my day!" Right now I run it about 1/3 throttle and should probably leave it there. Anyway as many of you well know first contact on a new rig is always a thrill. Also working on a crystal set project idea i got. Test worked fine but I want to try it later tonight before I say much. It is a shortwave Crystal set.
don VE3LYX

11740. Re: [AWA Group] Gizmos

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-03 01:23:36 UTC
From: Michael Bittner
Topic: 11734 Message: 11740
Attachments: 2 described; binary payloads are missing from this source WARC

Group,

Yesterday I posted the below inquiry as to the use of Socket Wiring Plugs (see attached photos). I received two replies, one from Roger/K1TG and one from Leonard Meek (see Below). I would appreciate any other inputs from anyone who knows about these gizmos as I consider the question still open for the following reasons:

If they were intended for cleaning sockets, why aren't they called Socket Cleaning Plugs instead of Socket Wiring Plugs, and if simply a tool used once per socket, just as pin straighteners are used once per tube, why do you need a set of 10? The set of 10 suggests that up to 10 might be used simultaneously for some purpose. BTW, I have the matching 7-pin and 9-pin pin straighteners and they are manufactured by the same company; Star Expansion Products Company, New York, NY.

All of the miniature tube sockets I have, whether with phenolic, Teflon, polystyrene, or Bakelite bodies have their pin sockets sealed off at their bases before their solder tabs emerge under the socket body. Thus, inserting these plugs would only push any detritus further down into the pin sockets and trap it there. Also, solder wicking from the solder tabs to the pin sockets is not possible. The exception to the above is wafer sockets. These have their pin sockets open underneath, so they CAN be cleaned by inserting these plugs, and they are slightly susceptible to solder wicking, but only through sloppy soldering as the solder tabs are located about 1/16-inch away from the pin sockets.

Gentlmen, any other ideas? Mike, W6MAB

----- Original Message -----

From: 'Michael Bittner' mmab@... [AWAGroup]

To: AWAGroup@yahoogroups.com

Sent: Tuesday, September 01, 2015 2:09 PM

Subject: [AWA Group] Gizmos [2 Attachments]

Does anyone know how these Socket Wiring Plugs were used??? I can't think of any use for them and haven't found anything on the internet regarding these gizmos.

Mike, W6MAB

Hi Mike,

I am making a SWAG here but what about preventing solder from wicking up the socket contacts?

Roger/K1TG

There are two of them; one for 7 pin sockets and one for 9 pin sockets. They're used to clear a socket before inserting the tube. They usually come with a matching socket for straightening the pins on the tubes. Every radio shack and electronic space on ships has a set of these. I have mine mounted on the edge of the shelf over my bench.

Leonard Meek

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https://www.avast.com/antivirus

11741. Re: [AWA Group] Re: Another Regen 56 and 58 tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-03 02:43:29 UTC
From: dulmagedon@...
Topic: 11729 Message: 11741

Crystal set experiment was a success. Even in not the greatest conditions I could copy a station on 3215 at an understandable level. I could just hear CHU time signal and up on 40 M I could hear a station but not comprehend BUT remember this is a crystal set. With winter time propagation I think I would be fine. What I did was take the detector out of the crystal set tank and the headphones as well. I put a load resistor of equivalent value in its place. I wound a 100 turns of 28 copper around the top of the coil right next to the Rf coil (main tuning) using is as a sort of audio transformer secondary , placed the rectifier ,cap and phones in that coils circuit and voila, working shortwave crystal set. The station on 3215 is in Tennesee and is 100KW. I am going to putter away at his and see were it leads. Tennesee is a fairly good haul for me from hear. I may add another 50 turns in the audio coil tomorrow to see if it likes it. The Tennesee station faded in and out from strong (for a crystal set to almost not there. I checked it on my two shack communications receivers and it was not especially strong tonight even on them although certainly sufficient. I believe the transmitter is in Morrison TN this time of night. Probably 300 to 500 miles ATCF from me. Anyone on here live near there with a ham call? I can check the distance on QRZ then. I used my long wire to feed the crystal set and it was grounded. It has a few turn antenna winding. The crystal set I normally use on the shack for monitoring rigs I am testing to be sure they are where I think they are as crystal set are more honest then superhets. (no IF to confuse the issue and only hear what they are tuned to.)
don Ve3LYX

11742. Re: [AWA Group] Re: Another Regen 56 and 58 tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-03 04:20:47 UTC
From: Leonard Meek
Topic: 11729 Message: 11742

Hey Don, what do you think you're getting on your crystal set, distance wise? I've dabbled a bit with crystal sets, but everything from here is DX.

Leonard
----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Wednesday, September 02, 2015 11:17 AM
Subject: Re: [AWA Group] Re: Another Regen 56 and 58 tubes

Good going Leonard. Creativity is what makes radio fun! Your stuff is always interesting. Today was a great day here. I made my first contact with the 6sn7 rig today. Worked K2TPZ in Baltimore. Was ruff going as the big guns were all over us pounding away but we made enough to exchange signal reports and QTHs etc. Going to try again tomorrow. Annoying when a hi power stations sends QRL then CQ without a break. Now the only rig still begging a QSO is the rat trap 45 TNT. Been running the 211 Hartley a bit. That is fun even if I run it at somewhat moderate power. It works pretty good now. Nice feeling seeing that BIG monster tube sitting there. When I get over run like I did today by big power stations I am tempted to put the full 1250v to it and send "Go ahead son, Make my day!" Right now I run it about 1/3 throttle and should probably leave it there. Anyway as many of you well know first contact on a new rig is always a thrill. Also working on a crystal set project idea i got. Test worked fine but I want to try it later tonight before I say much. It is a shortwave Crystal set.
don VE3LYX

11743. Re: [AWA Group] Re: Another Regen 56 and 58 tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-03 07:07:26 UTC
From: dulmagedon@...
Topic: 11729 Message: 11743

I don't know what the distance is Leonard. driving distance I know but As the crow flies I usually get from QRZ.com by popping in the Ham I talked to,s callsign. They give antenna to antenna distance. HoweverI don't offhand know any Tennesee call signs to install. Larry, Mike and Bill are all just under or over 300 miles from me. I imagine Tennesee is that an perhaps a bit farther so I will say under 500 and more then 300 till I know for sure. This all came about because of the loop thing. As you know because of our association on regens I have been talking about the Clough patent and absorbtion loop regen control. It was because I had developed that slugabsorb regen design that I knew immediately how the loop modulation worked when Lou showed us that picture. So I was working away in my shack on my latest rigs thinking about the recent discussion on absorption loops in regen control and I for some reason wondered if the principal could be used in another manner. I always liked Crystal sets and always have a few around including one ancient factory made one. I don't usually wonder long. So yesterday I was wondering and decided like usual stop wondering and find out. The whole mod took less then 15 minutes to do on my shortwave shack monitor crystal set. I could tell I had a signal even mid afternoon but conditions on 80m were weak so I set it all up so I could test it when I got home last night about 10 PM. First was would the signal transfer from the tuning coil to the audio coil as I am going to call it here forward. I had already checked it by monitoring my cyclops transmitter in the shack so I knew that at least worked. Would it be any better then a normal crystal set was the next question. When I could copy the station on 3215 at comfortable volume except for fading and when I checked with my DX150 (a very good early solid state rx) and my DX390 digital I found the reception of the same station on both no better then on the crystal set. Certainly louder but still fading from strong to oblivion. I was surprised to hear CHU. I use CHU to check if 80m is open all the time because if I can hear it here then I know my signal will get out or better said if I can't hear it here I know there is no point in transmitting a CQ. I have never heard it on a crystal set before. So this is just the initial test. How much load to out in the tank circuit and can the antenna coupling winding be improved are the next questions. Also does the set respond to more winding in the audio coil or does it want less. Where is the sweet spot? Etc etc. What happens if I make the coils much larger. Anything? Nothing or neg results.? I don't know at this point. I just know the basic concept worked. I hope to explore it further during the coming months.
don VE3LYX

11744. Re: [AWA Group] Re: Another Regen 56 and 58 tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-03 07:27:13 UTC
From: dulmagedon@...
Topic: 11729 Message: 11744

Checked a ham who lives in the same area. 750.2 miles from here to his antenna so it says so it is farther then I thought.
don VE3LYX

11745. Group -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-03 11:43:51 UTC
From: Mike Feher
Topic: 11745 Message: 11745

Hi -

Please give a short introduction about yourself, where you are, your name, call if any and why you are interest in our group. This is necessary before approval. Thanks & Regards - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

11746. Re: [AWA Group] Gizmos [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-03 12:16:34 UTC
From: Louis Vermond
Topic: 11734 Message: 11746

Yesterday I posted the below inquiry as to the use of Socket Wiring Plugs (see attached photos). I received two replies, ... I would appreciate any other inputs from anyone who knows about these gizmos as I consider the question still open for the following reasons:

If the Plug pins are slightly larger in diameter then the tube pins: You wrap leads/component wires around the Plug pins. Aligning both, you slip the wiring down on to the tube pins and solder.

Guessing Lou

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https://www.avast.com/antivirus

11747. Re: [AWA Group] Gizmos

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-03 15:09:23 UTC
From: Michael Bittner
Topic: 11734 Message: 11747

Very creative answer, Lou!

Mike, W6MAB
-
-
----- Original Message -----
From: Louis Vermond ldvermond@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Thursday, September 03, 2015 5:16 AM
Subject: Re: [AWA Group] Gizmos

Yesterday I posted the below inquiry as to the use of Socket Wiring Plugs (see attached photos). I received two replies, ... I would appreciate any other inputs from anyone who knows about these gizmos as I consider the question still open for the following reasons:

If the Plug pins are slightly larger in diameter then the tube pins: You wrap leads/component wires around the Plug pins. Aligning both, you slip the wiring down on to the tube pins and solder.

Guessing Lou

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11748. Re: [AWA Group] Gizmos

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-03 16:29:27 UTC
From: Roger Kuchera
Topic: 11734 Message: 11748

BTW: I remember we had a pair of pin straightners on the work bench in the repairshack aboard my old destroyer.....Many moons ago (1959-1961).
Roger/K1TGLate of the ship's company USS McCaffery (DDE-860)

On Thursday, September 3, 2015 11:09 AM, "'Michael Bittner' mmab@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv1312085082 #yiv1312085082 .yiv1312085082ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv1312085082 div.yiv1312085082ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv1312085082 div.yiv1312085082photo-title a, #yiv1312085082 div.yiv1312085082photo-title a:active, #yiv1312085082 div.yiv1312085082photo-title a:hover, #yiv1312085082 div.yiv1312085082photo-title a:visited {text-decoration:none;}#yiv1312085082 div.yiv1312085082attach-table div.yiv1312085082attach-row {clear:both;}#yiv1312085082 div.yiv1312085082attach-table div.yiv1312085082attach-row div {float:left;}#yiv1312085082 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv1312085082 div.yiv1312085082ygrp-file {width:30px;}#yiv1312085082 div.yiv1312085082attach-table div.yiv1312085082attach-row div div a {text-decoration:none;}#yiv1312085082 div.yiv1312085082attach-table div.yiv1312085082attach-row div div span {font-weight:normal;}#yiv1312085082 div.yiv1312085082ygrp-file-title {font-weight:bold;}#yiv1312085082 -->

Very creative answer, Lou! Mike, W6MAB--
----- Original Message ----- From: Louis Vermond ldvermond@... [AWAGroup] To: AWAGroup@yahoogroups.com Sent: Thursday, September 03, 2015 5:16 AM Subject: Re: [AWA Group] Gizmos
    Yesterday I posted the below inquiry as to the use of Socket Wiring Plugs (see attached photos). I received two replies, ... I would appreciate any other inputs from anyone who knows about these gizmos as I consider the question still open for the following reasons: If the Plug pins are slightly larger in diameter then the tube pins: You wrap leads/component wires around the Plug pins. Aligning both, you slip the wiring down on to the tube pins and solder.   Guessing Lou

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11749. 2.5 Volt transformer

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-03 16:54:07 UTC
From: Mike Feher
Topic: 11749 Message: 11749

Bill -

This was on ebay for a while and I was thinking of buying it but never did.
I do not believe he ever sold it, so, may be worth contacting him. 73 - Mike

http://www.ebay.com/itm/252058469168

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

11750. Re: [AWA Group] Gizmos

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-03 16:57:49 UTC
From: Louis Vermond
Topic: 11734 Message: 11750

Ah shucks...

----- Original Message -----
From: 'Michael Bittner' mmab@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-09-03 11:09 AM
Subject: Re: [AWA Group] Gizmos

Very creative answer, Lou!

Mike, W6MAB
-
-
----- Original Message -----
From: Louis Vermond ldvermond@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Thursday, September 03, 2015 5:16 AM
Subject: Re: [AWA Group] Gizmos

Yesterday I posted the below inquiry as to the use of Socket Wiring Plugs (see attached photos). I received two replies, ... I would appreciate any other inputs from anyone who knows about these gizmos as I consider the question still open for the following reasons:

If the Plug pins are slightly larger in diameter then the tube pins: You wrap leads/component wires around the Plug pins. Aligning both, you slip the wiring down on to the tube pins and solder.

Guessing Lou

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https://www.avast.com/antivirus

11751. Re: [AWA Group] 2.5 Volt transformer

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-03 17:16:29 UTC
From: Bill Stewart
Topic: 11749 Message: 11751

Tnx, Mike, for the info....73, Bill

----- Original Message -----

From: "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Thursday, September 3, 2015 12:54:07 PM
Subject: [AWA Group] 2.5 Volt transformer

Bill –

This was on ebay for a while and I was thinking of buying it but never did. I do not believe he ever sold it, so, may be worth contacting him. 73 – Mike

http://www.ebay.com/itm/252058469168

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

11752. Re: Gizmos

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-03 18:37:55 UTC
From: kk7uv@...
Topic: 11734 Message: 11752

I'll make a guess. After the tube sockets were mounted in the chassis, these gizmos were inserted into the bottom of the sockets and served as wrapping posts for creating wiring harnesses. They simply held the wire ends firm temporarily with a wrap or two.

Steve. KK7UV

11753. Information needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-05 19:41:38 UTC
From: Roger Kuchera
Topic: 9829 Message: 11753

Gentlemen, I am looking for any information on a Bliley Vari-X oscillator. Bliley published a circular (D-2) butI have not been able to find it online. I did find an article in the June, 1940 issue of RADIO with acircuit diagram and brief notes on its operation.

My plan is to build one. I'm could use a clean picture of the front panel and internal layout orpictorial. A scanned copy of the Bliley circular would be a great thing to have.

As always, I appreciate any help I can get. This is a rare bird indeed the high coast and WW2cut any hope commercial success.

Thank You.

Roger/K1TG

11754. RE: [AWA Group] Information needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-06 01:39:29 UTC
From: Mike Feher
Topic: 9829 Message: 11754

Roger –

You may want to contact Chuck Bliley. Chuck was in the dorm room next to mine back in college in 1965. He has a lot of Bliley info and even a web page dedicated to it. His call is K3NAU and you can find links to his sites on QRZ. His email on one of those sites is K3NAU@... . Say “Hi” to him for me if you do email him. Hope he can help. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, September 05, 2015 3:42 PM
To: yahoogroups
Subject: [AWA Group] Information needed

Gentlemen,

I am looking for any information on a Bliley Vari-X oscillator. Bliley published a circular (D-2) but

I have not been able to find it online. I did find an article in the June, 1940 issue of RADIO with a

circuit diagram and brief notes on its operation.

My plan is to build one. I'm could use a clean picture of the front panel and internal layout or

pictorial. A scanned copy of the Bliley circular would be a great thing to have.

As always, I appreciate any help I can get. This is a rare bird indeed the high coast and WW2

cut any hope commercial success.

Thank You.

Roger/K1TG

11755. Re: Information needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-06 11:56:10 UTC
From: dulmagedon@...
Topic: 9829 Message: 11755

Early Bliley Electric Patents: 2,256,932 http://r.search.yahoo.com/_ylt=A0LEV75rKOxVXQsAtbsnnIlQ;_ylu=X3oDMTE0bmMxczJpBGNvbG8DYmYxBHBvcwMyBHZ0aWQDRkZYVUk0MV8xBHNlYwNzcg--/RV=2/RE=1441569004/RO=10/RU=http%3a%2f%2fwww.bliley.net%2fXTAL%2fdocs%2fpatents%2f2256932%2findex.html/RK=0/RS=MsHs72RoN8l3Ne7Z3mo1sYFk28M-
www.bliley.net/XTAL/docs/patents/2256932/index.htmlCached http://r.search.yahoo.com/_ylt=A0LEV75rKOxVXQsAtrsnnIlQ;_ylu=X3oDMTE0bmMxczJpBGNvbG8DYmYxBHBvcwMyBHZ0aWQDRkZYVUk0MV8xBHNlYwNzcg--/RV=2/RE=1441569004/RO=10/RU=http%3a%2f%2f98.139.236.92%2fsearch%2fsrpcache%3fp%3dRadio%2bNews%252C%2bBliley%2bVariable%2bCrystal%26ei%3dUTF-8%26hsimp%3dyhs-003%26hspart%3dmozilla%26fr%3dyhs-mozilla-003%26u%3dhttp%3a%2f%2fcc.bingj.com%2fcache.aspx%3fq%3dRadio%2bNews%252c%2bBliley%2bVariable%2bCrystal%26d%3d4704193263308610%26mkt%3den-US%26setlang%3den-US%26w%3dmnEzAApCwFdbOClnlRYCHlik5RVfXKPm%26icp%3d1%26.intl%3dus%26sig%3dumHAYhb4BGmDHz5rPzw7qw--/RK=0/RS=wu.sKzKGSsLCvByG6yrL7lrWrF4-

Also Roger somewhere I have an old ad showing the X osc and other products. I am on museum duty today in Ameliasburgh (resident fiddle maker) but when i get home I will take a look. It may be an old Radio News magazine but I know I have it.
don VE3LYX

11756. Re: Information needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-06 11:56:48 UTC
From: dulmagedon@...
Topic: 9829 Message: 11756

Early Bliley Electric Patents: 2,256,932 http://r.search.yahoo.com/_ylt=A0LEV75rKOxVXQsAtbsnnIlQ;_ylu=X3oDMTE0bmMxczJpBGNvbG8DYmYxBHBvcwMyBHZ0aWQDRkZYVUk0MV8xBHNlYwNzcg--/RV=2/RE=1441569004/RO=10/RU=http%3a%2f%2fwww.bliley.net%2fXTAL%2fdocs%2fpatents%2f2256932%2findex.html/RK=0/RS=MsHs72RoN8l3Ne7Z3mo1sYFk28M-
www.bliley.net/XTAL/docs/patents/2256932/index.htmlCached http://r.search.yahoo.com/_ylt=A0LEV75rKOxVXQsAtrsnnIlQ;_ylu=X3oDMTE0bmMxczJpBGNvbG8DYmYxBHBvcwMyBHZ0aWQDRkZYVUk0MV8xBHNlYwNzcg--/RV=2/RE=1441569004/RO=10/RU=http%3a%2f%2f98.139.236.92%2fsearch%2fsrpcache%3fp%3dRadio%2bNews%252C%2bBliley%2bVariable%2bCrystal%26ei%3dUTF-8%26hsimp%3dyhs-003%26hspart%3dmozilla%26fr%3dyhs-mozilla-003%26u%3dhttp%3a%2f%2fcc.bingj.com%2fcache.aspx%3fq%3dRadio%2bNews%252c%2bBliley%2bVariable%2bCrystal%26d%3d4704193263308610%26mkt%3den-US%26setlang%3den-US%26w%3dmnEzAApCwFdbOClnlRYCHlik5RVfXKPm%26icp%3d1%26.intl%3dus%26sig%3dumHAYhb4BGmDHz5rPzw7qw--/RK=0/RS=wu.sKzKGSsLCvByG6yrL7lrWrF4-

Also Roger somewhere I have an old ad showing the X osc and other products. I am on museum duty today in Ameliasburgh (resident fiddle maker) but when I get home I will take a look. It may be an old Radio News magazine but I know I have it.
don VE3LYX

11757. Re: [AWA Group] Re: Information needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-06 18:52:44 UTC
From: Roger Kuchera
Topic: 9829 Message: 11757

GA Don, Thanks for thinking of my request. I have two ad pages; one from RADIO and one from QST.They are both too grainy to blow up with a photo editor. I may contact Chuck Bliley and see if hehas an original circular.
 Take care and stay well.
Roger/K1TG

On Sunday, September 6, 2015 7:56 AM, "dulmagedon@yahoo.ca [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv2131726830 #yiv2131726830 -- #yiv2131726830 .yiv2131726830ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv2131726830 div.yiv2131726830ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv2131726830 div.yiv2131726830photo-title a, #yiv2131726830 div.yiv2131726830photo-title a:active, #yiv2131726830 div.yiv2131726830photo-title a:hover, #yiv2131726830 div.yiv2131726830photo-title a:visited {text-decoration:none;}#yiv2131726830 div.yiv2131726830attach-table div.yiv2131726830attach-row {clear:both;}#yiv2131726830 div.yiv2131726830attach-table div.yiv2131726830attach-row div {float:left;}#yiv2131726830 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv2131726830 div.yiv2131726830ygrp-file {width:30px;}#yiv2131726830 div.yiv2131726830attach-table div.yiv2131726830attach-row div div a {text-decoration:none;}#yiv2131726830 div.yiv2131726830attach-table div.yiv2131726830attach-row div div span {font-weight:normal;}#yiv2131726830 div.yiv2131726830ygrp-file-title {font-weight:bold;}#yiv2131726830 #yiv2131726830 #yiv2131726830 #yiv2131726830 --#yiv2131726830ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv2131726830 #yiv2131726830ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv2131726830 #yiv2131726830ygrp-mkp #yiv2131726830hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv2131726830 #yiv2131726830ygrp-mkp #yiv2131726830ads {margin-bottom:10px;}#yiv2131726830 #yiv2131726830ygrp-mkp .yiv2131726830ad {padding:0 0;}#yiv2131726830 #yiv2131726830ygrp-mkp .yiv2131726830ad p {margin:0;}#yiv2131726830 #yiv2131726830ygrp-mkp .yiv2131726830ad a {color:#0000ff;text-decoration:none;}#yiv2131726830

Early Bliley Electric Patents: 2,256,932
www.bliley.net/XTAL/docs/patents/2256932/index.htmlCached

Also Roger somewhere I have an old ad showing the X osc and other products. I am on museum duty today in Ameliasburgh (resident fiddle maker) but when I get home I will take a look. It may be an old Radio News magazine but I know I have it.
don VE3LYX

11758. New HB Xmtr Using a 2A5 - Update

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-06 21:13:29 UTC
From: Bill Stewart
Topic: 11758 Message: 11758

After several weeks of playing with the 2A5 rig at a B+ of about 375vdc, all seems to be operating ok. The p/s was a Heathkit bench supply so there was no worry about the tone. I was having so much fun using the 'lil rig that I was slow to get to the re-build or the HB p/s. This past week, I finally got to the p/s and threw one together using a PTOP xmfr and choke, junk-box parts and an 80 tube. I fired it up yesterday and it works great. Only problem was a bit too much B+ so I put in a dropping resistor in the ct lead to gnd and now have the recommended 500vdc under load. I had to add a couple other dropping resistors in the filaments due to higher line voltage than when the xfmr was designed, but so far no smoke or bad smells. I have made a few QSOs, the tone is T9X, and the p/s voltage drop is not bad. It appears that I'm getting about 20 watts input, which is almost twice the previous input. More tweaking and playing over the next few weeks, and then maybe I'll get to the rebuild and get this project finished.
73 de Bill K4JYS

11759. Re: New HB Xmtr Using a 2A5 - Update

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-06 23:00:18 UTC
From: dulmagedon@...
Topic: 11758 Message: 11759

Wow ! Nice going. I have been watching for you. So far I have missed you around 7036 or do you have a new spot you like. I check the RBN several times daily.
I have an 80 tube, in fact a couple and have been tempted to build a proper supply here. I am still trying with the 45 tnt (rat trap) to get a QSO.(80M around 3530 to 3550) So far nothing. It is putting out good power so I don't know why I have come up dry so far. Sounds like you are having a ball. 20 Watts is pretty decent. I was just re-reading the stuff you sent today and pawing through my tube stash to see if I had even a 47 (found a 42, Close but no cigar)
Your efforts though inspired me to get off my duff and back at it so I rebuilt my 211 Hartley and made a tripler supply and have had it on the air successfully. (40M) I had thought I had smoked the tube but not. It was a weird deal and not really related to the tube. I had to laugh when I found it. If I get a qso on the rat trap 45 TNT I can move on with my life and projects. Any pics of your PS?
don Ve3LYX

11760. Re: [AWA Group] Re: New HB Xmtr Using a 2A5 - Update

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-07 11:12:11 UTC
From: Larry Szendrei
Topic: 11758 Message: 11760

On 9/6/15 7:00 PM, dulmagedon@... [AWAGroup] wrote:
>
> I was just re-reading the stuff you sent today and pawing through my
> tube stash to see if I had even a 47 (found a 42, Close but no cigar)
>

Don, if you want to build a version of Bill's 2A5 rig you're in luck -
the 42 is the 6.3V heater equivalent of the 2A5 (and incidentally, the
6F6 is the octal equivalent of the 42).

73,
-Larry/NE1S

11761. Re: [AWA Group] Re: New HB Xmtr Using a 2A5 - Update

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-07 14:44:49 UTC
From: Bill Stewart
Topic: 11758 Message: 11761

Don, the prices aren't all that bad on eBay for the 2A5...maybe other places too.
Take a look on the web...you might find them at a good price.
Bill K4JYS

----- Original Message -----

From: "Larry Szendrei ne1s@securespeed.us [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, September 7, 2015 7:12:11 AM
Subject: Re: [AWA Group] Re: New HB Xmtr Using a 2A5 - Update

On 9/6/15 7:00 PM, dulmagedon@yahoo.ca [AWAGroup] wrote:

I was just re-reading the stuff you sent today and pawing through my tube stash to see if I had even a 47 (found a 42, Close but no cigar)

Don, if you want to build a version of Bill's 2A5 rig you're in luck - the 42 is the 6.3V heater equivalent of the 2A5 (and incidentally, the 6F6 is the octal equivalent of the 42).

73,
-Larry/NE1S

11762. Re: [AWA Group] Re: New HB Xmtr Using a 2A5 - Update

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-07 16:42:50 UTC
From: dulmagedon@...
Topic: 11758 Message: 11762

Thanks Larry, I knew the 42 was a fairly strong tube as I have played with it as an audio amp but I didn't know how it compared before. Thanks for the info It came out of a old 1930s set. I think a 1931 or 32 Grimes and I have the socket and all. I would not feel guilty using it. Meanwhile I have been running my last regen. A 56 and 58 tube set. I thought it was working pretty well but last night just for fun tried a set of R14 Sig Corps phones (instead of my Brandes) on it. Wow! Nice radio! They pick up a lot less hum and I can hear the weaker signals in the clear. I also tried it on the untuned beverage as opposed to the long wire. it sure likes the untuned better. It has turned into a decent set. Meanwhile I have been testing the rat trap 45 TNT. It has gone un successful in ops. I know it is getting out so it must be the soft whoop throws potential contacts not used to old timey slightly imperfect radio. I bricked it today (not really, may have been a guest operator running the brick) and went for a drive with a portable. I could hear it several miles away clearly so I knew it was getting out. Then my brother was here. he has a SW navy receiver like Joe C has and so I had him listen just before lunch from a few miles away and he could copy it so I know it is getting out. This is the first time he could hear any of my 1 tubers , even the ones some of you have worked me on so it is doing the job. He is just about where my signal leaves the ground or perhaps first bounce. I'll just keep trying till I am successful in a contact(3536)
It actually has more stomp then my other 45 TNT. Bill, I could buy a 2A5 I guess but I think I would be happy with the 42 as it is also period correct. Too hot outside for this old bird today so I am playing in the shack till it cools a bit. (working on a 10m rig in a file box with PTO RX and TX)
don Ve3LYX

11763. For QRP contacts, try the CX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-08 17:01:44 UTC
From: JAMES HANLON
Topic: 11763 Message: 11763

Don and everyone,

The Classic Exchange is coming up, the CW portion will run on Sunday, 9/20 and Tuesday 9/22, and it's a great place to make contacts with a QRP rig. I had a power failure several years back and the only rig I could get on the air was a battery-powered Ten Tec Argonaut 505. I worked coast to coast from New Mexico on both 40 and 80 meters. I also regularly use a 1941 Meissner Signal Shifter with about 8 watts output on 80, 40 and 20. A number of times I have worked Wilson, W4BOH, in North Carolina on 80 with his Meissner Signal Shifter, two-way. The CW CX concentrates on frequencies around 14045, 7045 and 3545. If you can get a crystal around one of those spots for your 2A5 rig, I'm sure you will make multiple contacts. 20 meters is most active during the day. 40 warms up in the later afternoon and evening. 80 is most active later in the evening and into the night time hours. Make your 2A5 rig into a Tri-Tet and you'll be able to get some good RF on 20 meters out of it. The CX starts at 9 am EST and runs to 3 am the next morning - to give the guys on the west coast "equal time." You can get more information on the CX web page, http://www.classicexchange.org/ . Everyone is welcome.

73,

Jim Hanlon, W8KGI

11764. Re: For QRP contacts, try the CX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-08 23:37:07 UTC
From: dulmagedon@...
Topic: 11763 Message: 11764

Yes I am watching for that one. I am not good at contests but if Paul (BUG) is on he knows where I am before I go there. An Lou usually finds me too. Like to use all my one tubers for that one.
I started the 42 build today. Chassis work is done and chassis painted . Tube socket mounted. trying to decide on coil style and am wondering since it is a pentode of sorts perhaps I should do an ECO (ECO hartley)instead of being rock bound. I am building it to be a match or twin to the 56/58 regen. It will probably be a 40m only rig. I will have to think about this overnight. Finished the 10M file box radio station. Installed the modulator transformer and circuitry this afternoon and gave it a whirl. Need some 1/4 phone jacks from a decent source. The Radio Shack (now "The Source" here in Canada) are absolute crap. Nut thread doesn't match and so wont tighten. I have been wondering about a music shop as they sometimes sell Guitar parts for lectric guitars. They might have a better quality one. I am almost afraid to mail order because I know where they will come from. I am so tired of crappy made parts! My supply of originals is exhausted.
don VE3LYX

11765. THUCKTHETH!!!!!!!!! Trapped one!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-09 02:47:01 UTC
From: dulmagedon@...
Topic: 11765 Message: 11765

Tonight at 22:20 hrs I got a reply from Bill KB2RAW in Sidney NY. He took the time for a quick QSO and so all my rigs are now seasoned veterans. He has a very good fist and is really easy to copy. My signal report was pretty good except for the T part. (495)Maybe the whoop is what hurt me there. The rig cools a bit when receiving and takes about a half minute to warm back up and come back to the same tone. He asked how many tubes I had. Just one was my reply. Anyway I appreciate the kindness. It is probably not his thing but he heard me banging away there and took a few minutes to make my day. Decent fellow I'd say. I'll be Ok now. Still grinning!
GN all
don VE3LYX

11766. 2A5 P/S Pix

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-09 15:59:15 UTC
From: Bill Stewart
Topic: 11766 Message: 11766
Attachments: 1 described; binary payloads are missing from this source WARC

Morning Don,
Have had several hour long QSOs and shorter ones, with the 2A5 TX and P/S
and no smoke so far. So, guess the time has come for the rebuild. But, just can't stop
using the 'lil rig as is. I think I have tweaked it about as good as I can. Still not real
sure just how much the output is but the input is around 20 watts...hopefully I'm getting
at least 10 out. I've attached a pix of the 'rats nest' p/s. Had to use several dropping
resistors to get the filament and B+ voltages correct. The xfmr on the left rear is for
2A5 fil. and p. lamp. Think its a Radio Shack 12.6ct jobby, but will have to work till
I can find a proper 2.5vac xfmr. Congrats on making the QSO with the 2-station...those
events will definitely put a smile on ye ole mug.
73 de Bill K4JYS

11767. Re: 2A5 P/S Pix

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-09 18:19:14 UTC
From: dulmagedon@...
Topic: 11766 Message: 11767

Ah Bill you're my hero!
Hour long QSOs on CW . I can not imagine. Longest I ever had was with a stranded weather researcher from Japan who was stormed in in Antartica. He said he had not had any contact with anyone on 30 days so I hung in till he got tired. Sent me a QSL card when he finally got home. That was back when CW was my normal mode. Wish I had kept it up! I used one of those gold RS transformers in my bench supply too. Here is how I solved the problem. I run 5 volt tubes, 6.3 volt tubes and 2.5 volt tubes so I installed in my bench supply a automotive heater switch from the early days. for some reason they still make them and sell them I buy them here at Canadian Tire but I am sure NAPA sell the same switch. They were for multi speed heater fan control and are very HD. Back in the 6 volt days. I put one in the heater supply in the PS but sometimes for stuff I don't always have on that supply I install one right in the radio. I feel no shame as it says HEATER right on it. It does a real nice job of giving me heater voltage options.Cost me here about 17 dollars can which considering the versatility is a bargin. In fact I can run. either a 5 volt or a 2.5volt when I choose I know right now some are getting wound because it is a car part however if anyone should thing this is just my dumb idea I am sure it was done many times before probably decades before I was born. Now my PSU can handle any common tube heater voltage. Like hook on phonics it worked for me.
Yes last night was a blast. He asked first how many tubes are U running? I said "just one" and then told him it was all built on a real rat trap. He emailed me later and said he thought I was joking but I sent him a photo when I sent him my Email QSL card/pic. It is actually a fairly powerful lil rig. Other then my 211 Hartley probably next on line. I have the 42 rig going as of an hour ago. I built it as a VFO ECO Hartley pattern. I have a pi tuner here I built so I will just pump it in there since I would anyway rather then build a output plate side on the chassis. At least for now. It seems fairly stable and not bothered by my hands. I finished making the front panel and the glue is drying as we speak. You are getting real good power I think. my inital tests with the 42 are only about 6 watts input at 316 volts. I don't know what it will be like under full load and I had no parts values so I used what I normally use on initial construction. I will do voltage tests under load and adjust screen and grid voltages later. Loading it down might make it grunt a bit too. I love your PSU lash up. Brings back very recent memories. You certainly got value for your efforts with this 2A5 rig! Still hoping to work U.
don VE3LYX

11768. 1/4" Phone Jacks & CX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-09 19:18:51 UTC
From: JAMES HANLON
Topic: 11768 Message: 11768

Don,

Have a look at what Antique Electronic Supply (www.tubesandmore.com) has in the way of 1/4" phone jacks. From their Home Page, scroll down to "Jacks and Plugs" in the menu on the left. With just a quick look I say part number W-SC-11, a 1/4" Switchcraft type 11, 2 circuit, open circuit jack for $1.80, W-SC-12A, a Switchcraft type 12A, 2 circuit, normally closed jack for $1.95, and several others.

Also about the CX, it's more of a QSO Party than a "contest." There are a lot of friendly folks on who will be glad to chat for a few minutes about your and their gear.

73,

Jim, W8KGI

11769. Eddystone 2015 report

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-10 04:14:53 UTC
From: dan.w7oil@...
Topic: 11769 Message: 11769

The Eddystone 2015 has been fully wired, the first coil wound and ready for smoke test. Turned it on and . . . no smoke. No function either. I found the 90 volt battery had sagged to 80 volts and I was running 1.5 volts on the filaments. I'd really like to put 2-volts on the filaments. This was enough to see if the voltages were going where they were supposed to. It all appears OK there. I've had enough for one night. It's off to the dollar store tomorrow for more 9-volt batteries to replenish the 90-volt battery. There's a chance the reaction winding is backwards too. A couple photos of the almost finished unit have been posted in the photos section.

More later,
Dan - W7OIL

11770. ECO 42 Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-10 04:19:13 UTC
From: dulmagedon@...
Topic: 11770 Message: 11770

First of, thanks for the 1/4jack info James. I need some other stuff anyway so will include it in my order.
Now today I have been to Electron Coupled Oscillator school. I just finished it and had it calling CQ a few minutes ago. I am only getting about 3 watts out but they are good watts.Stable and solid. I like the sound.
I reserve the right to further experiment with the grid leak resistor and screen voltage is bit high. I can sort that ouver the next few days, It has been a learning experience. i had no circuit just a general description and token schematic. I put it on 40M . Time for bed.

don VE3LYX

11771. Re: ECO 42 Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-10 18:28:19 UTC
From: dulmagedon@...
Topic: 11770 Message: 11771
Attachments: 3 described; binary payloads are missing from this source WARC

It is all done now . Screen voltage in line and gridleak optimized. Works into he Pi tuner nicely but also usable without. I wired the receiver with a power plug for my PS (any of them as they all use the same wiring pattern) and wired the transmitter to the receiver so they sit side by side on the shelf with a bit of room, The key (split B-) comes down the middle to the key below. The regen is on the beverage for listening and the Tx is feeding the tuner which is feeding the longwire. I tried it out just now a a unit. I think it is a go. ECO was a good excercise. I had built one a few years back with a mixer tube but this is the first I did one like this. I guessed at values to get it going then measured voltages and adjusted accordingly. Was workable though even at the guess stage. It could use a bit stoughter PSU but this one is quiet and handy so for now it will stay as is.
don VE3LYX

11772. RE: [AWA Group] Information needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-11 15:58:17 UTC
From: Mike Feher
Topic: 9829 Message: 11772

Roger –

Did you ever get any of my direct emails? 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, September 05, 2015 3:42 PM
To: yahoogroups
Subject: [AWA Group] Information needed

Gentlemen,

I am looking for any information on a Bliley Vari-X oscillator. Bliley published a circular (D-2) but

I have not been able to find it online. I did find an article in the June, 1940 issue of RADIO with a

circuit diagram and brief notes on its operation.

My plan is to build one. I'm could use a clean picture of the front panel and internal layout or

pictorial. A scanned copy of the Bliley circular would be a great thing to have.

As always, I appreciate any help I can get. This is a rare bird indeed the high coast and WW2

cut any hope commercial success.

Thank You.

Roger/K1TG

11773. Re: [AWA Group] Information needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-11 16:26:55 UTC
From: Roger Kuchera
Topic: 9829 Message: 11773

Apparently not. My firewall is pretty tough. Please include your call/my call on the Subjectline (eg - K1TG de N4FS). Sorry for any inconvenience.
Roger/K1TG

On Friday, September 11, 2015 11:58 AM, "'Mike Feher' n4fs@eozinc.com [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv8520656046 #yiv8520656046 -- #yiv8520656046 .yiv8520656046ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv8520656046 div.yiv8520656046ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv8520656046 div.yiv8520656046photo-title a, #yiv8520656046 div.yiv8520656046photo-title a:active, #yiv8520656046 div.yiv8520656046photo-title a:hover, #yiv8520656046 div.yiv8520656046photo-title a:visited {text-decoration:none;}#yiv8520656046 div.yiv8520656046attach-table div.yiv8520656046attach-row {clear:both;}#yiv8520656046 div.yiv8520656046attach-table div.yiv8520656046attach-row div {float:left;}#yiv8520656046 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv8520656046 div.yiv8520656046ygrp-file {width:30px;}#yiv8520656046 div.yiv8520656046attach-table div.yiv8520656046attach-row div div a {text-decoration:none;}#yiv8520656046 div.yiv8520656046attach-table div.yiv8520656046attach-row div div span {font-weight:normal;}#yiv8520656046 div.yiv8520656046ygrp-file-title {font-weight:bold;}#yiv8520656046 #yiv8520656046 #yiv8520656046 #yiv8520656046 -- _filtered #yiv8520656046 {font-family:Helvetica;panose-1:2 11 6 4 2 2 2 2 2 4;} _filtered #yiv8520656046 {font-family:Wingdings;panose-1:5 0 0 0 0 0 0 0 0 0;} _filtered #yiv8520656046 {panose-1:2 4 5 3 5 4 6 3 2 4;} _filtered #yiv8520656046 {font-family:Calibri;panose-1:2 15 5 2 2 2 4 3 2 4;} _filtered #yiv8520656046 {font-family:Tahoma;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv8520656046 {font-family:Consolas;panose-1:2 11 6 9 2 2 4 3 2 4;} _filtered #yiv8520656046 {font-family:Verdana;panose-1:2 11 6 4 3 5 4 4 2 4;}#yiv8520656046 #yiv8520656046 p.yiv8520656046MsoNormal, #yiv8520656046 li.yiv8520656046MsoNormal, #yiv8520656046 div.yiv8520656046MsoNormal {margin:0in;margin-bottom:.0001pt;font-size:12.0pt;}#yiv8520656046 a:link, #yiv8520656046 span.yiv8520656046MsoHyperlink {color:blue;text-decoration:underline;}#yiv8520656046 a:visited, #yiv8520656046 span.yiv8520656046MsoHyperlinkFollowed {color:purple;text-decoration:underline;}#yiv8520656046 p {margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv8520656046 code {}#yiv8520656046 pre {margin:0in;margin-bottom:.0001pt;font-size:10.0pt;}#yiv8520656046 tt {}#yiv8520656046 span.yiv8520656046cat {}#yiv8520656046 span.yiv8520656046ct {}#yiv8520656046 span.yiv8520656046HTMLPreformattedChar {font-family:Consolas;}#yiv8520656046 p.yiv8520656046attach, #yiv8520656046 li.yiv8520656046attach, #yiv8520656046 div.yiv8520656046attach {margin-right:0in;margin-left:0in;font-size:9.0pt;}#yiv8520656046 p.yiv8520656046bold, #yiv8520656046 li.yiv8520656046bold, #yiv8520656046 div.yiv8520656046bold {margin-right:0in;margin-left:0in;font-size:10.0pt;font-weight:bold;}#yiv8520656046 p.yiv8520656046green, #yiv8520656046 li.yiv8520656046green, #yiv8520656046

div.yiv8520656046green
{margin-right:0in;margin-left:0in;font-size:12.0pt;color:#628C2A;}#yiv8520656046
p.yiv8520656046replbq, #yiv8520656046 li.yiv8520656046replbq, #yiv8520656046
div.yiv8520656046replbq {margin:3.0pt;font-size:12.0pt;}#yiv8520656046 p.yiv8520656046ad,
#yiv8520656046 li.yiv8520656046ad, #yiv8520656046 div.yiv8520656046ad
{margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv8520656046
p.yiv8520656046underline, #yiv8520656046 li.yiv8520656046underline, #yiv8520656046
div.yiv8520656046underline
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span.yiv8520656046yshortcuts {}#yiv8520656046 p.yiv8520656046ad1, #yiv8520656046
li.yiv8520656046ad1, #yiv8520656046 div.yiv8520656046ad1
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#yiv8520656046 li.yiv8520656046ad2, #yiv8520656046 div.yiv8520656046ad2
{margin-right:0in;margin-bottom:7.5pt;margin-left:0in;font-size:12.0pt;}#yiv8520656046
p.yiv8520656046underline1, #yiv8520656046 li.yiv8520656046underline1, #yiv8520656046
div.yiv8520656046underline1 {margin-right:0in;margin-left:0in;font-size:12.0pt;text-decora
tion:underline;}#yiv8520656046 span.yiv8520656046yshortcuts1
{font-weight:bold;}#yiv8520656046 span.yiv8520656046yshortcuts2
{font-weight:normal;}#yiv8520656046 span.yiv8520656046EmailStyle36
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#yiv8520656046 {margin:1.0in 1.0in 1.0in 1.0in;}#yiv8520656046
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#yiv8520656046 {font-family:Symbol;} _filtered #yiv8520656046 {} _filtered #yiv8520656046
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ol {margin-bottom:0in;}#yiv8520656046 ul {margin-bottom:0in;}#yiv8520656046

Roger – Did you ever get any of my direct emails? 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, September 05, 2015 3:42 PM
To: yahoogroups
Subject: [AWA Group] Information needed   Gentlemen,   I am looking for any information on a Bliley Vari-X oscillator. Bliley published a circular (D-2) butI have not been able to find it online. I did find an article in the June, 1940 issue of RADIO with acircuit diagram and brief notes on its operation.   My plan is to build one. I'm could use a clean picture of the front panel and internal layout orpictorial. A scanned copy of the Bliley circular would be a great thing to have.   As always, I appreciate any help I can get. This is a rare bird indeed the high coast and WW2cut any hope commercial success.
      Thank You. Roger/K1TG

11774. N4FS de K1TG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-11 16:37:29 UTC
From: Roger Kuchera
Topic: 11774 Message: 11774

GA Mike, Apparently not. My firewall is pretty tough. Please include your call/my call on the Subjectline (eg - K1TG de N4FS). Sorry for any inconvenience.
Roger/K1TG

11775. RE: [AWA Group] Information needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-11 16:43:44 UTC
From: Mike Feher
Topic: 9829 Message: 11775

OK – I re-sent two emails. One has a 7 MB attachment. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, September 11, 2015 12:27 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Information needed

Apparently not. My firewall is pretty tough. Please include your call/my call on the Subject

line (eg - K1TG de N4FS). Sorry for any inconvenience.

Roger/K1TG

On Friday, September 11, 2015 11:58 AM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Roger –

Did you ever get any of my direct emails? 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, September 05, 2015 3:42 PM
To: yahoogroups
Subject: [AWA Group] Information needed

Gentlemen,

I am looking for any information on a Bliley Vari-X oscillator. Bliley published a circular (D-2) but

I have not been able to find it online. I did find an article in the June, 1940 issue of RADIO with a

circuit diagram and brief notes on its operation.

My plan is to build one. I'm could use a clean picture of the front panel and internal layout or

pictorial. A scanned copy of the Bliley circular would be a great thing to have.

As always, I appreciate any help I can get. This is a rare bird indeed the high coast and WW2

cut any hope commercial success.

Thank You.

Roger/K1TG

11776. Re: ECO 42 Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-14 01:08:54 UTC
From: dulmagedon@...
Topic: 11770 Message: 11776

So far no contact with the 42 transmitter. Tried a sked with a Ham north of me . We can work on 80M as he worked my breadboard station twice but 40m is a different game . We can't hear each other so we are probably in the wrong spot for typical 40m propagation. I am running low power but he isn't so I feel that is a safe assumption. We both could copy the same other stations who were sharing the spot from time to time. So today after trying again I reached over to Big Bertha , my 211 Hartley. I plugged in the key and antenna and hit the power switch on its tripler PSU. A couple of minutes to warm up and I hit the key. Fun to run. Shack FS meter can be heard hitting full scale on every key stoke. The tone in the monitor sounds different. The monster tube sheds quite a bit of light from its almost white filaments. Has a strongness about it little rigs don't. I enjoy running it now and then.
I am toying with the idea of building a 807 PA for the 42 ECO rig. I will give it another week and see how I make out. I am never happy till I have at least one decent QSO on a new rig. BTW The new regen that goes with the 42 rig is turning out to be an enjoyable set to run. It works very well.
don VE3LYX

11777. Shoes for your 42 ECO

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-14 17:00:02 UTC
From: JAMES HANLON
Topic: 11777 Message: 11777

Don,

Since you are thinking about adding an 807 amplifier to your 42 ECO, you might be interested in having a look at the schematic for a Meissner Signal Shifter, especially the EX model. The 42 is the equivalent of the 6F6 which the EX uses for its oscillator and doubler, and the EX also uses an 807 as its doubler/power output tube.

Jim, W8KGI

11778. Re: Shoes for your 42 ECO

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-14 19:06:06 UTC
From: dulmagedon@...
Topic: 11777 Message: 11778

Thanks Jim. I will have a peek. I thought about bidding on a Meissner a few weeks back. My no 19 uses a 807 final although not pushed very hard. In fact one wonders why they even bothered to use a 807. A 6v6 would have done the same job. Anyway I have a spare 807 and a socket so it wouldn't take much to do. Also have a dozen NOS 1625s for my Arc 5s but no sockets and a 12 volt heater complicates a simple build. I will try a few more days on 40m before I capitulate. It should be OK as I have done more with less. I will check out theX model Schematic. BTW in my 43 ARRL book after I have this built and running I found a 6f6 vfo cicuit built as a ECO. Almost identical to what I did except for one section. I hadn't seen it before.
don VE3LYX

11779. Eddystone 2015

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-15 05:42:34 UTC
From: Daniel Petersen
Topic: 11731 Message: 11779

Well...It LIIIVES!

I got this cranky "illegitimate child" to work tonight after a long hard battle and a few modifications - like most of the circuit! Seems the Yankee tubes do not take too well to the English circuit. I finally stripped it back to parade rest and started with a "tried and true" (?) circuit from the 1937 ARRL handbook. If it's in the Handbook it's gotta work, right? 8^0 I did without the RF amp as the Eddystone didn't have one. The bugger at least looks like an Eddystone AW2 and with the tuning circuit intact it should act like one. My brain is fried more than a basket of french fries tonight so fine adjustments will wait for morning. So will photos.

--

73,
Dan - W7OIL

11780. Re: Eddystone 2015

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-15 12:00:20 UTC
From: dulmagedon@...
Topic: 11731 Message: 11780

Glad you got it working and I am glad you nixed the RF amp. the LAST thing a regen needs is improved senstivity. It is akin to putting stilts no a giant..(already too tall) A good regen can hear the hum in the wiring in you house walls even when on a battery. the Absolute no 1 trouble with many regen builds is too much antenna and too much front end gain. Also tuned antennas. A tuned antenna creates flat spots because a regen is simply an oscillator that can not quite oscillate (not quite enough feedback bit almost.) with a set of phones somewhere in the B circuit to sense changes in load. Armstrong sircuit is the most common but is also the most sensitive (tickler coil style) A hartley is the easier one to build and some work very well. Antenna coupling is another trouble spot. A gimmick cap is often enough or a ceramic trimmer but on of very low value. When trouble shooting a good trick is to take a screw driver and touch it to the antenna connection. If you hear a click it is ok and if you don't it is too tight so open the antenna trimmer or untwist the gimmick cap till you do Usually you can find a spot that will cover the band or most of it. Also they work better with a fairly narrow bandspread, say for instance the 40 ham band 7 to 7.3 more or less. then they can be easily run without constant retuning.of antenna and regen control. Folks with good intentions often add Rf amp and all kinds of goolglyjunk thinking well it only has 1 or 2 tubes so it needs all the help it can get when in fact the signal goes through the tube several times growing each time and sensitivity especially is remarkable even compared to the most expensive Rx you can buy even today. Just for instance there is nothing my TS830s can hear that I can not hear on my 6sl7 regen. Downstairs in studio B I was recently comparing the DX390 recently to the 56/58 regen I built a couple of weeks ago (A hartley) Whatever is on the DX390 is also available on the Regen. Where regens are limited is selectivity however with a regen the beat note is easily controlled so you put the Cw note where you like it and you can follow it easily even in QRM because no two will be exactly the same tone. It works better then you might think. Also some regens lack volume. That would be my complaint with the 56/58 set. It would not be hurt by additional audio stage. The 43 ARRL circuit would drive a speaker till I installed a resistor in the B+ to kill some power. I am sorry if this is too much info. I offer it because this is sort of regen central with 7 currently in operation and in the hope it may be of some use to you as you push through to the final polish on your beautiful project. Not every published circuit is wonderful. Over complication is the regens enemy. I agree with your ARRL assumption though. I have found it so. Have a good rest and all the best as you push to the end. That set has a real nice appearance. Not a skill I have here.
don VE3LYX

11781. Re: Shoes for your 42 ECO

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-15 15:55:35 UTC
From: JAMES HANLON
Topic: 11777 Message: 11781

Don,

The earlier, plug-in-coil Signal Shifters all used a 6L6 for the output amplifier. The last of the line EX version used a turret for band switching and an 807. The manual for that version is on the BAMA site under NewSS.

I'm in the process of de-acquiring a lot of my boatanchor collection. I just turned 77 in August, and it's time for me to get real and place this stuff with folks who will appreciate it rather than leaving it as a problem for my wife and kids. I do have an EX that I'm not using that I need to pass on eventually. (We just had a neighbor die and he left his wife with five horses and a camel!) If you might be interested, let me know. I'll try it out to see how it is working and take some pictures. I also have the FMX FM modulator for it.

Jim, W8KGI

11782. Re: Shoes for your 42 ECO

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-15 21:41:23 UTC
From: dulmagedon@...
Topic: 11777 Message: 11782

Well even at the young age of 65 I resisted bidding on the last one and for exactly the same reason! I figure the XYL will have enough fun trying to sell the dragster when i'm gone never mind more radios! I have been watching the performance of this ECO rig, It has I believe enough stomp to do the job as is. I remember banging away on my Bare Essentials rig off and on for a year or so with no luck then someone here suggested a sked and I discovered it worked just fine. Same with my TNT the 45 tuber. Banged away fr a year on CW. One day I got a nasty note from an aggravated ham telling me he heard me sending cq but it had a strange sound. I was thrilled it was getting out as he was a fair distance away. Nowiknow that for most the sound of a keyed power osc is too much for them and they think they might go tojail or something if they answer the "strange" station.In the BK I discovered they all work and just fine too. Inthink some are just nervus about working a vintage sound station and that is understandable. This has as much output as two of my other ones so I am just going to keep banging away while the XYL watches Jeapordy (I can't stand the show!) Sooner or later I will get lucky. Tomorrow VE3CDX is coming to see some of my vintage style gear. He worked me almost right away when I first fired up the breadboard rig and found me again on it a few days later. He lives about 60 miles north of my but is in town tomorrow morning and asked if he could stop by. I think I will set Big Bertha up for him to operate on 7036kcs. He is a good Cw operator. Might be fun for him to run a big 211 Hartley. He belongs to AWA and such and has a strong interest in these type of rigs. Mean while as far as the 42 ECO
rig goes I have the 807 set aside and its socket just in case. Think of it as a threat to the rig to encourage it to do its best.
don VE3LYX

11783. Re: Eddystone 2015

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-16 16:09:58 UTC
From: James Hanlon
Topic: 11731 Message: 11783

Don

A properly designed regenerative receiver with an RF stage can work very well - witness the National SW-3. The RF stage isolates the detector from the antenna, eliminates pulling effects due to the antenna swaying in the wind, allows adjustment of signal level with the gain control, and cuts way down on radiation from the detector. You have to be very careful to decouple the RF stage from the detector with appropriate shielding. National published a good development article on the design of the SW-3 in QST which they bundled with the SW-3 manual. I can copy it for you if you are interested.

Jim, W8KGI

Sent from my iPhone

11784. Re: Eddystone 2015

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-16 17:04:50 UTC
From: dulmagedon@...
Topic: 11731 Message: 11784

Yes so I have been told however, here in the trenches having built some both ways I think an Rf stage on a regen is like a Nun in fishnet stockings. Nice to look at but probably not a real good idea. I have no antenna sway changing freq issues, more then sufficient sensitvity and I can hear the rf stage equipped ones regen on a nearby receiver just as well as a not rf equipped one. Both 25 to 30 feet away are undetectable. If there is one thing I have learned in life in both my hobbies MORE is not always better. Often more gives back less. Simple basic done well will 90% beat complicated exotic hands down. I intend when I get time to explore an antenna tuner (unturned or passive rf stage) just to see how it affects the regens. It should only take a few minutes but I haven't had a few this week yet. don VE3LYX

11785. Re: [AWA Group] Re: Eddystone 2015

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-16 21:00:04 UTC
From: Larry Szendrei
Topic: 11731 Message: 11785

Also witness the RAL and RAK - which both have a regenerative detecter
and 2, count them, 2, TRF stages. Their purpose is not so much to
increase sensitivity, but for antenna isolation, as Jim says, and also
to improve selectivity. It's not just a matter of being able to use the
filter between your ears - a strong signal nearby can pull the detector,
and even "block" it, so that the weaker signal you're trying to copy is
lost. The TRF stages help here to give greater rejection of strong
signals close to your frequency.

73,
-Larry/NE1S
...who owns and uses an RAL, RAK, and SW-3, as well as simple homebrew
regens.

On 9/16/15 12:09 PM, James Hanlon knjhanlon@... [AWAGroup] wrote:
>
> Don
>
> A properly designed regenerative receiver with an RF stage can work
> very well - witness the National SW-3. The RF stage isolates the
> detector from the antenna, eliminates pulling effects due to the
> antenna swaying in the wind, allows adjustment of signal level with
> the gain control, and cuts way down on radiation from the detector.
> You have to be very careful to decouple the RF stage from the detector
> with appropriate shielding. National published a good development
> article on the design of the SW-3 in QST which they bundled with the
> SW-3 manual. I can copy it for you if you are interested.
>
> Jim, W8KGI
>

11786. Eyeball QSO

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-16 21:06:03 UTC
From: dulmagedon@...
Topic: 11786 Message: 11786

My breadboard rig has been a lot of fun. I have worked a few including Lou. One I have worked more then once is Jim VE3DCX. Jim is a AWA member and is Net Liason also with the NJTN . He does a lot of CW work
and always has his ear bent for a Vintage rig note. He was in Belleville today and asked if he could stop over and see the breadboard station he had worked. He has a strong interest in building a BK suitable rig. He has a good supply of tubes. He came today and I gave him the fifty cent tour. He took some photos of the breadboard station and I showed him the rest of the rigs downstairs. I had set the 211 Hartley Big Bertha up on 7036kcs and let him have a go with it. He is very comfortable on CW. In fact I suspect he prefers it. He handled the big rig well and it was fun to watch. I saw him glance at the FS meter noticing it was banging full scale on every key stroke. He was surprised that from cold start up to full heat it varied very little (maybe a 1/4 kc if that) and commented on it. He had an appointment in a town north of Belleville that kept our visit limited but warned me, "I'll be back!" Always nice to put a face to a fist. Also interest in vintage rigs and Cw as well as tubes is not huge in my area. Jim lives 60 miles north of me ATCF and says it is similar there. Glad to know there is at least one friendly face nearby. I predict he will be on air with his own TNT or Hartley for the next BK. He told me he was on the net but not using his narrow filter and could hear this vintage sounding note just barely to the side. He tuned over in time to hear the call and decided to reply. I am gald he did.

don Ve3LYX
Some of you may know him from vintage QRP group or the New Jersey CW net.

11787. Power Supply from 12 volt solar source

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-24 16:14:01 UTC
From: dulmagedon@...
Topic: 11787 Message: 11787
Attachments: 1 described; binary payloads are missing from this source WARC

I have a moderate sized 12 volt solar cell on the house charging a single 12v deep cycle marine battery. I use it for a 12 volt source and run my vibrator power supplies for it for my No 19 set. I use the vibrator supplies for other sets too as it is my own concoction rather then the original Canadian set vib supply. I piggybacked two to get into the 550 volt range for the No 19 final and pull the 275 for everything else of the first supply. It worked pretty good but I built a Ac supply for the 19 but still used the vib supply around the shack quite a bit. I decided to update it the other day as 120W plugin inverters were on sale. I bought one and tried to see if it would run my complete breadboard stations PSU and it did without even a whimper. key down and all so i knew it had the suds. I made then a voltage doubler rectifier unit. I used the same circuit I used on my 8111A linear supply as it is the quietest double I have seen so far. I put a bleeder resistor on it to give it some load and tested it. 318 volt Dc. Seemed good so i bought a three in one adapter and bought another 120W inverter. As luck would have it I couldn't find another identical but after two days of looking just bough another 120w and will match them perfectly later.I paid $30 each for them. I built an identical rectifier doubler. I wired the three in one adapter for better current handling and installed a 2 prong trailer plug which is what is used in my vintage shack for all 12 volt access. I tested the new inverter just to be sure it could also handle everything and had no problems. I lashed it all up on a board and tested both doublers . Each produced identical voltage and both were working into a bleeder resistor for load. Then I piggybacked the two doublers. Pos to neg and fired it up again. now working into the bleeder resistors from left hand pos to right hand neg 624 volts DC. I installed a cigar lighter plug in to the centre open hole in the three in one adapter. I now have 12volt Dc access there up stream from the inverters so independant. I could use the 12 volt supply to charge two six volt gel cells and that would give me from left to right 318volts DC 6.3 volts DC , 12.6 volts DC and 624 volts DC. I tried to use the inverters as is so they can be serviced or borrowed without ruining the supply. I will replace the oddball with a matching one as my squarehead does not like mismatches. (alles in ordnung). I am hoping this will be a usable supply for my vintage low power rigs . Testing begins later this week. Winter propagation is returning. 40m is hopping most evenings.
don VE3LYX

11788. Re: eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-28 19:37:05 UTC
From: ab9zg@...
Topic: 130 Message: 11788

LOT OF 3 VINTAGE GE MERCURY ARC RECTIFIER TUBES
http://www.ebay.com/itm/LOT-OF-3-VINTAGE-GE-MERCURY-ARC-RECTIFIER-TUBES-/201438278163

http://www.ebay.com/itm/LOT-OF-3-VINTAGE-GE-MERCURY-ARC-RECTIFIER-TUBES-/201438278163

LOT OF 3 VINTAGE GE MERCURY ARC RECTIFI...
http://www.ebay.com/itm/LOT-OF-3-VINTAGE-GE-MERCURY-ARC-RECTIFIER-TUBES-/201438278163 US $765.00 in Consumer Electronics, Vintage Electronics, Vintage Audio & Video

View on www.ebay.com
http://www.ebay.com/itm/LOT-OF-3-VINTAGE-GE-MERCURY-ARC-RECTIFIER-TUBES-/201438278163
Preview by Yahoo

11789. de K1TG - Part(s) needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-30 14:56:42 UTC
From: Roger Kuchera
Topic: 11789 Message: 11789

Gentlemen, Another project another odd part needed. If vintage restoration and/or projects were easy, everyonewould be doing it.

I need either of the following:

1. A defunct Weston 506 meter case with an unbroken glass.
2. A working 500 Volt, Model 506 meter (or equivalent physical size).

The type 506 needed is the round, 2.25" case (panel hole size). I can trade or buy in any case. I havea fair number of Weston 301 milliamperes meters. I have a few oddball/vintage (non-WW2) cases also.If you want to swap, let me know your preference as to range and make.

As always, any help is appreciated. Thank You.

Roger/K1TG

11790. Does anyone have the April, '78 issue of QST...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-30 15:09:13 UTC
From: Louis Vermond
Topic: 11790 Message: 11790
Attachments: 1 described; binary payloads are missing from this source WARC

GM,

Does anyone have the April, '78 issue of QST in any form? In the RX article is mentioned the upcoming month of the companion TX issue. I need that info.

Tks, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11791. Re: [AWA Group] de K1TG - Part(s) needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-30 15:22:52 UTC
From: Louis Vermond
Topic: 11789 Message: 11791

Roger, Do you wish metal or Bakelite cases? 500 Volt... DC? Lou

1. A defunct Weston 506 meter case with an unbroken glass.

2. A working 500 Volt, Model 506 meter (or equivalent physical size).

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11792. RE: [AWA Group] Does anyone have the April, '78 issue of QST...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-30 15:23:22 UTC
From: Mike Feher
Topic: 11790 Message: 11792
Attachments: 1 described; binary payloads are missing from this source WARC

So, what do you need? The April issue or the May issue. Or, do you just want to know what it says in the April issue about the upcoming article, which is how I interpret what you are asking for, but that alone does not make much sense to me. 73 - mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, September 30, 2015 11:09 AM
To: AWAGroup
Subject: [AWA Group] Does anyone have the April, '78 issue of QST...

GM,

Does anyone have the April, '78 issue of QST in any form? In the RX article is mentioned the upcoming month of the companion TX issue. I need that info.

Tks, Lou

<https://www.avast.com/antivirus> Avast logo

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www.avast.com <https://www.avast.com/antivirus>

11793. Re: [AWA Group] Does anyone have the April, '78 issue of QST...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-30 15:25:39 UTC
From: Larry Szendrei
Topic: 11790 Message: 11793

On 9/30/15 11:09 AM, 'Louis Vermond' ldvermond@... [AWAGroup]
wrote:
>
> GM,
> Does anyone have the April, '78 issue of QST in any form? In the RX
> article is mentioned the upcoming month of the companion TX issue. I
> need that info.
> Tks, Lou
>
Lou, I have the issue, but I need you to be more specific about the
information you're after. I skimmed the article about the 20M
direct-conversion receiver pictured on the cover and didn't see any
mention of an accompanying transmitter.

73,
-Larry/NE1S

11794. Re: [AWA Group] Does anyone have the April, '78 issue of QST...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-30 15:57:46 UTC
From: Louis Vermond
Topic: 11790 Message: 11794

Thank you Mike & Larry.

Lou, I have the issue, but I need you to be more specific about the information you're after. As I said, there was to be a companion TX to that RX. What issue did that TX article appear in please?

Tks, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11795. RE: [AWA Group] Does anyone have the April, '78 issue of QST...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-30 16:10:03 UTC
From: Mike Feher
Topic: 11790 Message: 11795

For what? - Seems we both asked the same question, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, September 30, 2015 11:58 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Does anyone have the April, '78 issue of QST...

Thank you Mike & Larry.

Lou, I have the issue, but I need you to be more specific about the information you're after. As I said, there was to be a companion TX to that RX. What issue did that TX article appear in please?

Tks, Lou

_____

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www.avast.com <https://www.avast.com/antivirus>

11796. Re: [AWA Group] Does anyone have the April, '78 issue of QST...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-30 16:10:56 UTC
From: Larry Szendrei
Topic: 11790 Message: 11796

On 9/30/15 11:57 AM, 'Louis Vermond' ldvermond@... [AWAGroup]
wrote:
>
> Thank you Mike & Larry.
> Lou, I have the issue, but I need you to be more specific about the
> information you're after. As I said, there was to be a companion TX to
> that RX. What issue did that TX article appear in please?
> Tks, Lou
>
OK, Lou. And as I had said, I see no mention of any companion TX in that
article.

-'1S

11797. Re: [AWA Group] Does anyone have the April, '78 issue of QST...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-30 16:13:37 UTC
From: Louis Vermond
Topic: 11790 Message: 11797

Tks to u both for that same question.

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-09-30 12:10 PM
Subject: RE: [AWA Group] Does anyone have the April, '78 issue of QST...

For what? - Seems we both asked the same question, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@...m [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, September 30, 2015 11:58 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Does anyone have the April, '78 issue of QST...

Thank you Mike & Larry.

Lou, I have the issue, but I need you to be more specific about the information you're after. As I said, there was to be a companion TX to that RX. What issue did that TX article appear in please?

Tks, Lou

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11798. Re: [AWA Group] de K1TG - Part(s) needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-30 16:13:55 UTC
From: Roger Kuchera
Topic: 11789 Message: 11798

Hi Lou, Yes, I forgot to add that info. I would need a Phenolic/Bakelite case and 500 VDC. Sorry.
Roger/K1TG

On Wednesday, September 30, 2015 11:22 AM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv4894850401 #yiv4894850401 .yiv4894850401ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv4894850401 div.yiv4894850401ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv4894850401 div.yiv4894850401photo-title a, #yiv4894850401 div.yiv4894850401photo-title a:active, #yiv4894850401 div.yiv4894850401photo-title a:hover, #yiv4894850401 div.yiv4894850401photo-title a:visited {text-decoration:none;}#yiv4894850401 div.yiv4894850401attach-table div.yiv4894850401attach-row {clear:both;}#yiv4894850401 div.yiv4894850401attach-table div.yiv4894850401attach-row div {float:left;}#yiv4894850401 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv4894850401 div.yiv4894850401ygrp-file {width:30px;}#yiv4894850401 div.yiv4894850401attach-table div.yiv4894850401attach-row div div a {text-decoration:none;}#yiv4894850401 div.yiv4894850401attach-table div.yiv4894850401attach-row div div span {font-weight:normal;}#yiv4894850401 div.yiv4894850401ygrp-file-title {font-weight:bold;}#yiv4894850401 --> ☐

Roger, Do you wish metal or Bakelite cases? 500 Volt... DC? Lou 1. A defunct Weston 506 meter case with an unbroken glass.
  2. A working 500 Volt, Model 506 meter (or equivalent physical size).

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11799. Fw: matching transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-30 16:15:05 UTC
From: Louis Vermond
Topic: 11799 Message: 11799
Attachments: 1 described; binary payloads are missing from this source WARC

That's it! Thank you, Niel. 73, Lou

Lou,

Dec 1978 QST, pg 11-13

Niel

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11800. de K1TG - Forgot important info

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-30 16:18:35 UTC
From: Roger Kuchera
Topic: 11800 Message: 11800

Gentlemen, I forgot to include important information on my quest, as follows:
  Needs to be a Phenolic/Bakelite case (to be mounted on a metal panel)
  The scale would be 500 Volts DC.
Thank you for your forbearance.
Roger/K1TG

11801. Re: [AWA Group] Does anyone have the April, '78 issue of QST...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-30 16:20:21 UTC
From: Roger Kuchera
Topic: 11790 Message: 11801

I can look it up on the ARRL archive and send you a PDF. Good enough? Need a title or author.
Roger/K1TG

On Wednesday, September 30, 2015 12:13 PM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv5864771638 #yiv5864771638 .yiv5864771638ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv5864771638 div.yiv5864771638ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv5864771638 div.yiv5864771638photo-title a, #yiv5864771638 div.yiv5864771638photo-title a:active, #yiv5864771638 div.yiv5864771638photo-title a:hover, #yiv5864771638 div.yiv5864771638photo-title a:visited {text-decoration:none;}#yiv5864771638 div.yiv5864771638attach-table div.yiv5864771638attach-row {clear:both;}#yiv5864771638 div.yiv5864771638attach-table div.yiv5864771638attach-row div {float:left;}#yiv5864771638 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv5864771638 div.yiv5864771638ygrp-file {width:30px;}#yiv5864771638 div.yiv5864771638attach-table div.yiv5864771638attach-row div div a {text-decoration:none;}#yiv5864771638 div.yiv5864771638attach-table div.yiv5864771638attach-row div div span {font-weight:normal;}#yiv5864771638 div.yiv5864771638ygrp-file-title {font-weight:bold;}#yiv5864771638 -->

Tks to u both for that same question.
----- Original Message ----- From: 'Mike Feher' n4fs@... [AWAGroup] To: AWAGroup@yahoogroups.com Sent: 2015-09-30 12:10 PM Subject: RE: [AWA Group] Does anyone have the April, '78 issue of QST...
  For what? – Seems we both asked the same question, HI. 73 – Mike Mike B. Feher, N4FS 89 Arnold Blvd. Howell, NJ, 07731 732-886-5960 From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, September 30, 2015 11:58 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Does anyone have the April, '78 issue of QST... Thank you Mike & Larry. Lou, I have the issue, but I need you to be more specific about the information you're after. As I said, there was to be a companion TX to that RX. What issue did that TX article appear in please? Tks, Lou
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11802. Re: [AWA Group] de K1TG - Part(s) needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-30 16:21:22 UTC
From: Louis Vermond
Topic: 11789 Message: 11802

I'll look through my junk today and let u knw. Lou

----- Original Message -----
From: Roger Kuchera rwkuchera@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-09-30 12:13 PM
Subject: Re: [AWA Group] de K1TG - Part(s) needed

Hi Lou,
Yes, I forgot to add that info. I would need a Phenolic/Bakelite case and 500 VDC. Sorry.

Roger/K1TG

On Wednesday, September 30, 2015 11:22 AM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

☐

Roger, Do you wish metal or Bakelite cases? 500 Volt... DC? Lou

1. A defunct Weston 506 meter case with an unbroken glass.

2. A working 500 Volt, Model 506 meter (or equivalent physical size).

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11803. Re: [AWA Group] de K1TG - Part(s) needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-30 16:23:44 UTC
From: Roger Kuchera
Topic: 11789 Message: 11803

Lou, The meter can be a "cropper", what is important is the case and size. The glass itself I about 2" indiameter. The panel hole would 2.25" in diameter.
Roger/K1TG

On Wednesday, September 30, 2015 12:20 PM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv8903672079 #yiv8903672079 .yiv8903672079ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv8903672079 div.yiv8903672079ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv8903672079 div.yiv8903672079photo-title a, #yiv8903672079 div.yiv8903672079photo-title a:active, #yiv8903672079 div.yiv8903672079photo-title a:hover, #yiv8903672079 div.yiv8903672079photo-title a:visited {text-decoration:none;}#yiv8903672079 div.yiv8903672079attach-table div.yiv8903672079attach-row {clear:both;}#yiv8903672079 div.yiv8903672079attach-table div.yiv8903672079attach-row div {float:left;}#yiv8903672079 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv8903672079 div.yiv8903672079ygrp-file {width:30px;}#yiv8903672079 div.yiv8903672079attach-table div.yiv8903672079attach-row div div a {text-decoration:none;}#yiv8903672079 div.yiv8903672079attach-table div.yiv8903672079attach-row div div span {font-weight:normal;}#yiv8903672079 div.yiv8903672079ygrp-file-title {font-weight:bold;}#yiv8903672079 --> ☐

I'll look through my junk today and let u knw. Lou
----- Original Message ----- From: Roger Kuchera rwkuchera@... [AWAGroup] To: AWAGroup@yahoogroups.com Sent: 2015-09-30 12:13 PM Subject: Re: [AWA Group] de K1TG - Part(s) needed
  Hi Lou, Yes, I forgot to add that info. I would need a Phenolic/Bakelite case and 500 VDC. Sorry.
Roger/K1TG

On Wednesday, September 30, 2015 11:22 AM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

☐

Roger, Do you wish metal or Bakelite cases? 500 Volt... DC? Lou 1. A defunct Weston 506 meter case with an unbroken glass.
  2. A working 500 Volt, Model 506 meter (or equivalent physical size).

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11804. Re: [AWA Group] Does anyone have the April, '78 issue of QST...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-30 16:36:50 UTC
From: Larry Szendrei
Topic: 11790 Message: 11804

Ah, going through my recent messages I see Niel beat me to it!

On 9/30/15 12:33 PM, Larry Szendrei wrote:
> Hi Lou,
>
> Although there was no mention of the transmitter within the RX
> article, I began scanning the indices of subsequent issues and found
> the following article by the same author (W1VD, a friend of mine, BTW):
>
> /A 20-meter, VXO-controlled, 6-watt transmitter/, Jay Rusgrove, W1VD,
> QST December 1978, pp11-13.
>
> Hope this helps.
>
> 73,
> -Larry/NE1S
>
> On 9/30/15 12:13 PM, 'Louis Vermond' ldvermond@... [AWAGroup]
> wrote:
>>
>> Tks to u both for that same question.
>>
>> ----- Original Message -----
>> *From:* 'Mike Feher' n4fs@... [AWAGroup]
>> <mailto:n4fs@...%20[AWAGroup]>
>> *To:* AWAGroup@yahoogroups.com
>> *Sent:* 2015-09-30 12:10 PM
>> *Subject:* RE: [AWA Group] Does anyone have the April, '78 issue
>> of QST...
>>
>> For what? ? Seems we both asked the same question, HI. 73 ? Mike
>>
>> Mike B. Feher, N4FS
>>
>> 89 Arnold Blvd.
>>
>> Howell, NJ, 07731
>>
>> 732-886-5960
>>
>> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
>> *Sent:* Wednesday, September 30, 2015 11:58 AM
>> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
>> *Subject:* Re: [AWA Group] Does anyone have the April, '78 issue
>> of QST...

>>
>> Thank you Mike & Larry.
>>
>> Lou, I have the issue, but I need you to be more specific about
>> the information you're after. As I said, there was to be a
>> companion TX to that RX. What issue did that TX article appear in
>> please?
>>
>> Tks, Lou
>>
>>
>

11805. Re: [AWA Group] Does anyone have the April, '78 issue of QST...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-30 16:33:57 UTC
From: Larry Szendrei
Topic: 11790 Message: 11805

Hi Lou,

Although there was no mention of the transmitter within the RX article,
I began scanning the indices of subsequent issues and found the
following article by the same author (W1VD, a friend of mine, BTW):

/A 20-meter, VXO-controlled, 6-watt transmitter/, Jay Rusgrove, W1VD,
QST December 1978, pp11-13.

Hope this helps.

73,
-Larry/NE1S

On 9/30/15 12:13 PM, 'Louis Vermond' ldvermond@... [AWAGroup]
wrote:
>
> Tks to u both for that same question.
>
> ----- Original Message -----
> *From:* 'Mike Feher' n4fs@... [AWAGroup]
> <mailto:n4fs@...%20[AWAGroup]>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* 2015-09-30 12:10 PM
> *Subject:* RE: [AWA Group] Does anyone have the April, '78 issue
> of QST...
>
> For what? ? Seems we both asked the same question, HI. 73 ? Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Wednesday, September 30, 2015 11:58 AM
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Subject:* Re: [AWA Group] Does anyone have the April, '78 issue
> of QST...
>
> Thank you Mike & Larry.
>

> Lou, I have the issue, but I need you to be more specific about
> the information you're after. As I said, there was to be a
> companion TX to that RX. What issue did that TX article appear in
> please?
>
> Tks, Lou
>
>

11806. Re: [AWA Group] Does anyone have the April, '78 issue of QST...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-09-30 21:56:42 UTC
From: dulmagedon@...
Topic: 11790 Message: 11806

That circuit is also in the 85 handbook and if memory serves me the 82 and 83 although I no longer have them.Back then I etched a board and bought a lot of the parts but ran into a problem finding the proper toriods.
I have seen the board in the last year or so in one of my junk drawers and still have the MRF472s. I found another circuit at the time that used radio shack Rf chokes in the filters instead and built it. It had a single transistor output but power was close. I still have it, in fact it is right beside me and is on 80M. When I designed and built the Slugabsorb regen rx I put it in the same case and use them as a pair,
Fun stuff
don Ve3LYX

11807. Re: [AWA Group] de K1TG - Part(s) needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-01 16:54:10 UTC
From: Louis Vermond
Topic: 11789 Message: 11807

1. A defunct Weston 506 meter case with an unbroken glass.

2. A working 500 Volt, Model 506 meter (or equivalent physical size).

Hi Roger,

I do not have any Model 506 Weston metres. Sorry, OM.

73, Lou

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11808. Re: [AWA Group] de K1TG - Part(s) needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-01 22:09:41 UTC
From: Roger Kuchera
Topic: 11789 Message: 11808

Hi Lou, Thanks for the effort. I appreciate it.
Roger/K1TG

On Thursday, October 1, 2015 12:53 PM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv2042938996 #yiv2042938996 .yiv2042938996ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv2042938996 div.yiv2042938996ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv2042938996 div.yiv2042938996photo-title a, #yiv2042938996 div.yiv2042938996photo-title a:active, #yiv2042938996 div.yiv2042938996photo-title a:hover, #yiv2042938996 div.yiv2042938996photo-title a:visited {text-decoration:none;}#yiv2042938996 div.yiv2042938996attach-table div.yiv2042938996attach-row {clear:both;}#yiv2042938996 div.yiv2042938996attach-table div.yiv2042938996attach-row div {float:left;}#yiv2042938996 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv2042938996 div.yiv2042938996ygrp-file {width:30px;}#yiv2042938996 div.yiv2042938996attach-table div.yiv2042938996attach-row div div a {text-decoration:none;}#yiv2042938996 div.yiv2042938996attach-table div.yiv2042938996attach-row div div span {font-weight:normal;}#yiv2042938996 div.yiv2042938996ygrp-file-title {font-weight:bold;}#yiv2042938996 --> ☐

1. A defunct Weston 506 meter case with an unbroken glass.
2. A working 500 Volt, Model 506 meter (or equivalent physical size). Hi Roger, I do not have any Model 506 Weston metres. Sorry, OM. 73, Lou

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11809. Wayback radio SW Crystal set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-02 10:54:41 UTC
From: dulmagedon@...
Topic: 11809 Message: 11809

I have always had an interest in crystal sets and have a few. One I built for use in my shack when I started playing with TNTs and Hartleys etc. The reason being that superhets are prone to image problems and will even hear at IF freq sometimes so I needed something that i could count on. I use it quite a bit all considered because doesn't lie to me. last year when Radio China was dominating 40M in the evening I clipped it to my long wire to see if I could hear China. I could just tell it was there and catch a word or two which of its self was a surprise. A couple of weeks ago I got an idea to add a third coil and move the detector and phones outside of the rf section. Much to my surprise it worked. Still needs some rubbing but I can sit here on a decent night and listen to Tennessee and NC and once Florida at comfortable levels (no further amplification needed or desired) in my earphones on 49M. Perfect ? No as the tuning range or sweet spot is quite limited but very interesting to be hearing shortwave stations that strong with no amplification. So I went further. Thinking it might be some kind of a fluke with my antenna and ground in my vintage downstairs shack (studio B) I brought it up stairs and tried it on my 80M 40M inverted vee and my upstairs beverage. Same results although the longwire is the best for it for sure. Was it something that could be duplicated? I wondered so I built another, winding the tuning coil on a 3 inch section of ABS 3 inch plastic pipe and clipping a spare 365 pf variable to it. I installed the diode and phones on the third winding (about 40 to 50 turns of #24) Sure nuf it worked. It isn't at the top of my to do thing however I will be playing with it as time and interest permits. Always something going on. Radio is a fun hobby!
don VE3LYX

11810. Antique store find

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-03 15:07:26 UTC
From: dulmagedon@...
Topic: 7851 Message: 11810

Was out to an antique store today. The guy running must be in his late 80s or more and was talking about throwing in the towel in Dec as it is too much for him now. Said he was giving deals. I found a Speed X telegraph key. Black base and skirted knob mounted on a board and two pair of Allied Radio Lincoln Earphones. I know the earphones are probably just cheapies from the fifties however they had their connectors on them and both work well. the key I think is what is known as a EF Johnson Speed X. Black base, chrome (that means shiny . Might be nickel or whatever) lever and appears to be well made. As the stuff gets harder to find I don't pass it up if the price is good. I made him a offer way below what they were asking and after a minute he said Ok we can do it. Someday I hope to find a key with a shorting bar as I often need that however so far other then my Bug which I can no longer run (too stiff and unco-ordinated) I haven't run acrosss one at a decent price.
don VE3LYX
BTW he had a box of panel meters and the sign said $5 each. Two were miliamp null meters. I was tempted to offer him $50 for them all but had already spent my allowance for this month ;>)

11811. Re: [AWA Group] Antique store find

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-03 15:46:11 UTC
From: Louis Vermond
Topic: 7851 Message: 11811

Congrats Don...

----- Original Message -----
From: dulmagedon@yahoo.ca [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-10-03 11:07 AM
Subject: [AWA Group] Antique store find

Was out to an antique store today. The guy running must be in his late 80s or more and was talking about throwing in the towel in Dec as it is too much for him now. Said he was giving deals. I found a Speed X telegraph key. Black base and skirted knob mounted on a board and two pair of Allied Radio Lincoln Earphones. I know the earphones are probably just cheapies from the fifties however they had their connectors on them and both work well. the key I think is what is known as a EF Johnson Speed X. Black base, chrome (that means shiny . Might be nickel or whatever) lever and appears to be well made. As the stuff gets harder to find I don't pass it up if the price is good. I made him a offer way below what they were asking and after a minute he said Ok we can do it. Someday I hope to find a key with a shorting bar as I often need that however so far other then my Bug which I can no longer run (too stiff and unco-ordinated) I haven't run acrosss one at a decent price.
don VE3LYX
BTW he had a box of panel meters and the sign said $5 each. Two were miliamp null meters. I was tempted to offer him $50 for them all but had already spent my allowance for this month ;>)

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11812. Re: [AWA Group] Antique store find

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-04 02:10:02 UTC
From: dulmagedon@...
Topic: 7851 Message: 11812

Thanks Lou. It gets better.
When I first saw this I noticed the key was wired with lamp cord. I have and still always use lamp cord for my keys. Usually loop and tin the ends rather then buying eyelets. I noticed this had that also this morning and thought that's odd but never thought any farther. Tonite I went to hook it up and noticed the thumb screw nuts didnt work right. All of the sudden it all came back. I had a similar key when I was first licensed and the thumb screw nuts were not quite the right thread but would work if you didnt force them although they smetimes unscrewed underneath like this one had just done. I looked at the wood and realized it was a piece left from the nick nack shelf I built my XYL back then.(red BC Cedar) I got my other key which I have had since I was licensed . The lamp cord is an exact match and the ends are done similar. This is my old key I used on the Viking II. As unlikely as it seems as soon as I had trouble with the screws I knew it. I knew what was wrong and all the frustration of that old trouble resurfaced. Tonite after supper I went to the shop and chased the threads with a proper tap. (Didnt have one back then)Plugged it into the BE one tuber and called CQ. Home where it belongs.
I guess it is not that incredible as it was only 12 miles away where I bought it today. Still seems a bit over the top to this old boy. I wonder if he has the Viking and the CR5A rx. I am at least going to ask.
don Ve3LYX

11813. de K1TG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-04 15:02:35 UTC
From: Roger Kuchera
Topic: 136 Message: 11813

Gentlemen, The fire is out on the meter face I needed. I was able to fabricate a new glass from a piece ofLexan. That plus a little work with the photo editor and I was able to change the scale. Thanks.
Roger/K1TG

11814. Re: de K1TG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-05 12:35:19 UTC
From: pacquerat@...
Topic: 136 Message: 11814

Roger,

RE: Meter, new plastic facing.

If you have any kind of antistatic material suitable for plastic I suggest treating the inside surface of the Lexan. The outside can be done at any time but that is not as effective as the inside. I have several vintage VTVM's and a Triplett tube tester that go nuts with static attraction at times.

GL with the project.

Charles

WA1JFD

Dartmouth MA

11815. Re: [AWA Group] Re: de K1TG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-05 22:22:06 UTC
From: Roger Kuchera
Topic: 136 Message: 11815

Thanks for the skinny Charles.
Roger/K1TG

On Monday, October 5, 2015 8:35 AM, "pacquerat@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv3573612870 #yiv3573612870 -- #yiv3573612870 .yiv3573612870ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv3573612870 div.yiv3573612870ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv3573612870 div.yiv3573612870photo-title a, #yiv3573612870 div.yiv3573612870photo-title a:active, #yiv3573612870 div.yiv3573612870photo-title a:hover, #yiv3573612870 div.yiv3573612870photo-title a:visited {text-decoration:none;}#yiv3573612870 div.yiv3573612870attach-table div.yiv3573612870attach-row {clear:both;}#yiv3573612870 div.yiv3573612870attach-table div.yiv3573612870attach-row div {float:left;}#yiv3573612870 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv3573612870 div.yiv3573612870ygrp-file {width:30px;}#yiv3573612870 div.yiv3573612870attach-table div.yiv3573612870attach-row div div a {text-decoration:none;}#yiv3573612870 div.yiv3573612870attach-table div.yiv3573612870attach-row div div span {font-weight:normal;}#yiv3573612870 div.yiv3573612870ygrp-file-title {font-weight:bold;}#yiv3573612870 #yiv3573612870 #yiv3573612870 #yiv3573612870 --#yiv3573612870ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv3573612870 #yiv3573612870ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv3573612870 #yiv3573612870ygrp-mkp #yiv3573612870hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv3573612870 #yiv3573612870ygrp-mkp #yiv3573612870ads {margin-bottom:10px;}#yiv3573612870 #yiv3573612870ygrp-mkp .yiv3573612870ad {padding:0 0;}#yiv3573612870 #yiv3573612870ygrp-mkp .yiv3573612870ad p {margin:0;}#yiv3573612870 #yiv3573612870ygrp-mkp .yiv3573612870ad a {color:#0000ff;text-decoration:none;}#yiv3573612870

Roger,

RE: Meter, new plastic facing.

If you have any kind of antistatic material suitable for plastic I suggest treating the inside surface of the Lexan. The outside can be done at any time but that is not as effective as the inside. I have several vintage VTVM's and a Triplett tube tester that go nuts with static attraction at times.

GL with the project.

Charles

WA1JFD

Dartmouth MA

11816. Re: [AWA Group] Re: de K1TG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-07 11:52:33 UTC
From: dulmagedon@...
Topic: 136 Message: 11816

Another alternative that would work well is someone who does stained glass and there are many hobbyists who do as well as pros. The first part of their training consists of learning to cut weird shapes in glass. The XYL did this for a bit and made beautiful lamp shades. They are taught how to scribe it and have little nippers to remove the unwanted edges. I would think making a meter glass for them would be a piece of cake. And I used to teach my students in college "There is little in this world that can't be had for a cup of hot coffee and a box of donuts"
don VE3LYX

11817. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-08 21:19:22 UTC
From: Louis Vermond
Topic: 130 Message: 11817

http://www.ebay.ca/itm/Lot-of-1920s-Knox-Glass-Antennae-Insulators-For-Radio-Antenna-in-Orig-Boxes-/351535796147?hash=item51d92a8fb3

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https://www.avast.com/antivirus

11818. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-08 21:25:30 UTC
From: Louis Vermond
Topic: 130 Message: 11818

http://www.ebay.ca/itm/Lot-of-Tube-Radio-Plug-in-Coils-Hammarlund-Bud-Others-/351502338971?hash=item51d72c0b9b

See d.c.c. coil set

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11819. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-08 21:33:37 UTC
From: Steve
Topic: 130 Message: 11819

a nice price for these gorgeous glass-doobies...shipping to Canada, as usual, is a killer. You do know that using these on any antenna will provide an extra 3 db gain...right?

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11820. eBay Alert Cont.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-08 21:51:03 UTC
From: Louis Vermond
Topic: 11820 Message: 11820
Attachments: 1 described; binary payloads are missing from this source WARC

naw...should have quit while you were ahead ;-) Anonymous

What?! Hot stuff!

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11821. Rubbing on my 42 tube ECO TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-13 01:52:33 UTC
From: dulmagedon@...
Topic: 11821 Message: 11821

AS you know I have had this rig running for quite awhile. So far no contacts. Not good. However about two weeks ago I became suspicious that the 42 tube was iffy. I had done about everything I could think of and it wasn't responding as one would expect. I checked with my supplier The Tube Store in Hamilton and they stock 42 tubes.I ordered one and right away warm up was reduced and power rose. I measured the heater resistance and there is quite a difference between the new tube and the old one so something was amuck. Still I wasn't pleased. I worked on it today and was at the point of taking it apart and redesigning it probably with a triode of some description. My eyesight is crap compared to what it used to be even when I wear glasses. Up close in the bright light I see one of my bypasses was not connected , just close. I fixed that and things stepped up a notch. I did a rework of the gridleak and all but eliminated the chirp. I did some work on the Power Supply too. Things moved forward a notch or two and I think it is now working much better. Power is equal to several of my more successful rigs if you can believe the shack meters and the note is dramatically improved. I called CQ for a half hour tonite around 7040kcs. I know it is getting out so it is just a matter of time. Come to think of it I haven't had a CW contact since this month began. Over in the corner just so I wouldn't forget how I whipped up a micronaut SS transmitter as well. QRPp.
don VE3LYX

11822. Re: Rubbing on my 42 tube ECO TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-13 19:48:51 UTC
From: dulmagedon@...
Topic: 11821 Message: 11822

I am good now. Had a good QSO with Garry WA1GWH today at 3 pm. He was using his QRP rig and I my 42 tube job. There was a bit of fading but when it was good it was fine. We wanted to know if we could hear each other on QRP style power and he wanted to do it on 40M so since I was tuned up on 7030kc we gave it a shot. Connected immediately. Made my day, he did.
don VE3LYX

11823. attic_ant

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-15 02:07:35 UTC
From: Mike Feher
Topic: 11823 Message: 11823

Please welcome attic-ant to our group. Hope he will come on here and introduce himself by letting us know his name and call. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

11824. Re: [AWA Group] attic_ant

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-15 19:05:39 UTC
From: Louis Vermond
Topic: 11823 Message: 11824

Please welcome attic-ant to our group. Hope he will come on here and introduce himself by letting us know his name and call. 73 - Mike

Comment from user: I am a licensed Amateur Radio operator and am interested in learning more about the construction and operation of the early tube-based radios.

That's a good start, attic-ant. Yes, what is your call please? Welcome and 73, Lou VE3AWA

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https://www.avast.com/antivirus

11825. Re: [AWA Group] attic_ant

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-15 19:11:12 UTC
From: Roger Kuchera
Topic: 11823 Message: 11825

attic_ant: I hope you enjoy the helpful and tremendous array of talent in the AWA. I commonly referto the group as "The League of Extraordinary Gentlemen."
Roger/K1TG

On Thursday, October 15, 2015 3:06 PM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv3729066273 #yiv3729066273 .yiv3729066273ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv3729066273 div.yiv3729066273ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv3729066273 div.yiv3729066273photo-title a, #yiv3729066273 div.yiv3729066273photo-title a:active, #yiv3729066273 div.yiv3729066273photo-title a:hover, #yiv3729066273 div.yiv3729066273photo-title a:visited {text-decoration:none;}#yiv3729066273 div.yiv3729066273attach-table div.yiv3729066273attach-row {clear:both;}#yiv3729066273 div.yiv3729066273attach-table div.yiv3729066273attach-row div {float:left;}#yiv3729066273 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv3729066273 div.yiv3729066273ygrp-file {width:30px;}#yiv3729066273 div.yiv3729066273attach-table div.yiv3729066273attach-row div div a {text-decoration:none;}#yiv3729066273 div.yiv3729066273attach-table div.yiv3729066273attach-row div div span {font-weight:normal;}#yiv3729066273 div.yiv3729066273ygrp-file-title {font-weight:bold;}#yiv3729066273 -->

Please welcome attic-ant to our group. Hope he will come on here and introduce himself by letting us know his name and call. 73 – Mike Comment from user: I am a licensed Amateur Radio operator and am interested in learning more about the construction and operation of the early tube-based radios.
That's a good start, attic-ant. Yes, what is your call please? Welcome and 73, Lou VE3AWA

| | This email has been checked for viruses by Avast antivirus software.
www.avast.com |

11826. Re: attic_ant

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-17 02:29:45 UTC
From: attic_ant@...
Topic: 11823 Message: 11826

Hello, this is attic_ant. I picked that years ago because I live in a townhouse, and all my antennas are attic antennas. I've been licensed for about 14 years now, and have focused on qrp while experimenting with modeling, then building, various antennas that will fit in my rather small attic space, limited to about 20 x 27 feet. But with that, I can work 80-10M. I have various single band QRP radios built from kits, then upgraded to an Elecraft K2 kit. I've stayed with QRP because I enjoyed building my own radios, and 5 watts keeps my transmission from causing interference with my neighbor's TVs, etc, since my antenna is only several feet from my neighbors on each side.

I'm temporarily off the air as I lost my spare bedroom/shack to a new member of the family. But I'll figure something out. Meanwhile I've been interested in the early radio designs, but my radio circuitry knowledge and experience is limited to soldering together various QRP kits. I have never built radios from scratch, although I have the CD's for the old QST magazines, and have several old manuals from the 30's, so I have been studying the diagrams as well as looking at various websites that talk about early transmitters and regen receivers. I started picking up some general parts from ebay like transmitting capacitors and old dials but don't have a firm plan or design yet. My goal is to build a simple transmitter, a regen receiver, and a monitor, to have a complete single band setup, probably for 80 or 40M, assuming it is easier to get a stable transmitter for those lower bands.

Thanks for the invite, and I'm looking forward to reading through the archives and getting a better sense of how to get started on this.

Vic/KG4HTT

11827. RE: [AWA Group] Re: attic_ant

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-17 02:40:09 UTC
From: Mike Feher
Topic: 11823 Message: 11827

Welcome Vic – Congratulations on the new addition to the family. Welcome to our group. There are some real experts on here that are super craftsmen and build beautiful transmitters and receivers of ‘20s and ‘30s vintage.

I looked you up on QRZ and notice you live in Sterling, VA. I lived in Manassas from ’76 through ’92, then moved up here. I was first licensed in ’63 and will be 70 tomorrow. Looking forward to hearing more from you on here. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, October 16, 2015 10:30 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: attic_ant

Hello, this is attic_ant. I picked that years ago because I live in a townhouse, and all my antennas are attic antennas. I've been licensed for about 14 years now, and have focused on qrp while experimenting with modeling, then building, various antennas that will fit in my rather small attic space, limited to about 20 x 27 feet. But with that, I can work 80-10M. I have various single band QRP radios built from kits, then upgraded to an Elecraft K2 kit. I've stayed with QRP because I enjoyed building my own radios, and 5 watts keeps my transmission from causing interference with my neighbor's TVs, etc, since my antenna is only several feet from my neighbors on each side.

I'm temporarily off the air as I lost my spare bedroom/shack to a new member of the family. But I'll figure something out. Meanwhile I've been interested in the early radio designs, but my radio circuitry knowledge and experience is limited to soldering together various QRP kits. I have never built radios from scratch, although I have the CD's for the old QST magazines, and have several old manuals from the 30's, so I have been studying the diagrams as well as looking at various websites that talk about early transmitters and regen receivers. I started picking up some general parts from ebay like transmitting capacitors and old dials but don't have a firm plan or design yet. My goal is to build a simple transmitter, a regen receiver, and a monitor, to have a complete single band setup, probably for 80 or 40M, assuming it is easier to get a stable transmitter for those lower bands.

Thanks for the invite, and I'm looking forward to reading through the archives and getting a better sense of how to get started on this.

Vic/KG4HTT

11828. Re: [AWA Group] Re: attic_ant

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-17 04:12:39 UTC
From: Steve
Topic: 11823 Message: 11828

>will be 70 tomorrow.

Happy birthday Mike!!

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11829. RE: [AWA Group] Re: attic_ant

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-17 04:33:53 UTC
From: Mike Feher
Topic: 11823 Message: 11829

Thanks Steve – 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@...m [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, October 17, 2015 12:13 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: attic_ant

>will be 70 tomorrow.

Happy birthday Mike!!

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

11830. HB Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-17 06:20:16 UTC
From: Louis Vermond
Topic: 11830 Message: 11830

Happy Birthday, OM. Oops, I'm 70 too. Lou

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https://www.avast.com/antivirus

11831. Re: [AWA Group] Re: attic_ant

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-18 02:09:51 UTC
From: Roger Kuchera
Topic: 11823 Message: 11831

Your still a kid! Try 75 on for size. Don't believe that Baloney about the Golden Years either. :) :)
Roger/K1TG

On Saturday, October 17, 2015 12:33 AM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv0622202485 #yiv0622202485 -- #yiv0622202485 .yiv0622202485ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv0622202485 div.yiv0622202485ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv0622202485 div.yiv0622202485photo-title a, #yiv0622202485 div.yiv0622202485photo-title a:active, #yiv0622202485 div.yiv0622202485photo-title a:hover, #yiv0622202485 div.yiv0622202485photo-title a:visited {text-decoration:none;}#yiv0622202485 div.yiv0622202485attach-table div.yiv0622202485attach-row {clear:both;}#yiv0622202485 div.yiv0622202485attach-table div.yiv0622202485attach-row div {float:left;}#yiv0622202485 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv0622202485 div.yiv0622202485ygrp-file {width:30px;}#yiv0622202485 div.yiv0622202485attach-table div.yiv0622202485attach-row div div a {text-decoration:none;}#yiv0622202485 div.yiv0622202485attach-table div.yiv0622202485attach-row div div span {font-weight:normal;}#yiv0622202485 div.yiv0622202485ygrp-file-title {font-weight:bold;}#yiv0622202485 #yiv0622202485 #yiv0622202485 #yiv0622202485 -- _filtered #yiv0622202485 {font-family:Wingdings;panose-1:5 0 0 0 0 0 0 0 0 0;} _filtered #yiv0622202485 {panose-1:2 4 5 3 5 4 6 3 2 4;} _filtered #yiv0622202485 {font-family:Calibri;panose-1:2 15 5 2 2 2 4 3 2 4;} _filtered #yiv0622202485 {font-family:Tahoma;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv0622202485 {font-family:Verdana;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv0622202485 {font-family:Consolas;panose-1:2 11 6 9 2 2 4 3 2 4;}#yiv0622202485 #yiv0622202485 p.yiv0622202485MsoNormal, #yiv0622202485 li.yiv0622202485MsoNormal, #yiv0622202485 div.yiv0622202485MsoNormal {margin:0in;margin-bottom:.0001pt;font-size:12.0pt;}#yiv0622202485 a:link, #yiv0622202485 span.yiv0622202485MsoHyperlink {color:blue;text-decoration:underline;}#yiv0622202485 a:visited, #yiv0622202485 span.yiv0622202485MsoHyperlinkFollowed {color:purple;text-decoration:underline;}#yiv0622202485 p {margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv0622202485 code {}#yiv0622202485 pre {margin:0in;margin-bottom:.0001pt;font-size:10.0pt;}#yiv0622202485 tt {}#yiv0622202485 span.yiv0622202485cat {}#yiv0622202485 span.yiv0622202485ct {}#yiv0622202485 span.yiv0622202485HTMLPreformattedChar {font-family:Consolas;}#yiv0622202485 p.yiv0622202485attach, #yiv0622202485 li.yiv0622202485attach, #yiv0622202485 div.yiv0622202485attach {margin-right:0in;margin-left:0in;font-size:9.0pt;}#yiv0622202485 p.yiv0622202485bold, #yiv0622202485 li.yiv0622202485bold, #yiv0622202485 div.yiv0622202485bold {margin-right:0in;margin-left:0in;font-size:10.0pt;font-weight:bold;}#yiv0622202485 p.yiv0622202485green, #yiv0622202485 li.yiv0622202485green, #yiv0622202485 div.yiv0622202485green

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#yiv0622202485 li.yiv0622202485ad, #yiv0622202485 div.yiv0622202485ad
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div.yiv0622202485underline
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span.yiv0622202485yshortcuts {}#yiv0622202485 p.yiv0622202485ad1, #yiv0622202485
li.yiv0622202485ad1, #yiv0622202485 div.yiv0622202485ad1
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#yiv0622202485 li.yiv0622202485ad2, #yiv0622202485 div.yiv0622202485ad2
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div.yiv0622202485underline1 {margin-right:0in;margin-left:0in;font-size:12.0pt;text-decora
tion:underline;}#yiv0622202485 span.yiv0622202485yshortcuts1
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#yiv0622202485 {font-family:Symbol;} _filtered #yiv0622202485 {} _filtered #yiv0622202485
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ol {margin-bottom:0in;}#yiv0622202485 ul {margin-bottom:0in;}#yiv0622202485

Thanks Steve – 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960
 From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, October 17, 2015 12:13 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: attic_ant   >will be 70 tomorrow.

Happy birthday Mike!!

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

11832. Re: Rubbing on my 42 tube ECO TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-18 02:29:51 UTC
From: dulmagedon@...
Topic: 11821 Message: 11832

Thrilled with the contact I thought that would keep me calm but I have pressed on trying to make it better. i have tried a lot of things over the past couple of days and am back almost where I started but with improvements and a bit more power. I still want to try a couple of more things before settling on its final configuration. It now has a cleaner note than it did before which is good. It has a whoop but if you take time tuning it to peak the tuner then centre the freq with the transmitter tuning and recheck it is quite decent I think. Probably should have used less L and more C in the design and I can still do that. I even tried keying the screen which worked nicely except the osc would run lightly anyway (even when I parked the cathode with a resistor and bypass cap) which I didn't like so I changed it back to cathode keying. It is quite useable even now however I would like it to be just a bit better.
And while I am at it. Happy Birthday to the Birthday Boy. And I would like to thank you "Old Duffers" for letting a young lad like me play with you all. I feel like a child among men having only received my third Old Age Security cheque. Truth is we are most fortunate to have such an interesting hobby to occupy our time and minds rather then drooling on our bibs waiting to slip away like so many who did not foster interests other then work.Sad existence for some I think.
don VE3LYX

11833. RE: [AWA Group] Re: attic_ant

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-18 02:38:03 UTC
From: Mike Feher
Topic: 11823 Message: 11833

My back reminds me all the time Roger. The hundreds of BAs I brought down in the basement I cannot even lift now, HI. I am also still working full time. You are right, not too golden, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, October 17, 2015 10:10 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: attic_ant

Your still a kid! Try 75 on for size. Don't believe that Baloney about the Golden Years either. :) :)

Roger/K1TG

On Saturday, October 17, 2015 12:33 AM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Thanks Steve – 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, October 17, 2015 12:13 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: attic_ant

>will be 70 tomorrow.

Happy birthday Mike!!

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11834. Re: [AWA Group] Re: attic_ant

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-19 15:05:11 UTC
From: Roger Kuchera
Topic: 11823 Message: 11834

:) :).....More words of senior wisdom "Growing old ain't for Nancy boys!"
Roger/K1TG

On Saturday, October 17, 2015 10:38 PM, "'Mike Feher' n4fs@... [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:

<!--#yiv5251787384 #yiv5251787384 .yiv5251787384ygrp-photo-title{clear:both;font-size:smal
ler;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv5251787384 div.yiv525178
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#yiv5251787384 div.yiv5251787384photo-title a:hover, #yiv5251787384
div.yiv5251787384photo-title a:visited {text-decoration:none;}#yiv5251787384
div.yiv5251787384attach-table div.yiv5251787384attach-row {clear:both;}#yiv5251787384
div.yiv5251787384attach-table div.yiv5251787384attach-row div {float:left;}#yiv5251787384
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div.yiv5251787384ygrp-file {width:30px;}#yiv5251787384 div.yiv5251787384attach-table
div.yiv5251787384attach-row div div a {text-decoration:none;}#yiv5251787384
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div.yiv5251787384MsoNormal
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_filtered #yiv5251787384 {font-family:Wingdings;} _filtered #yiv5251787384
{font-family:Wingdings;} _filtered #yiv5251787384 {font-family:Wingdings;} _filtered
#yiv5251787384 {font-family:Wingdings;}#yiv5251787384 ol
{margin-bottom:0in;}#yiv5251787384 ul {margin-bottom:0in;}-->

My back reminds me all the time Roger. The hundreds of BAs I brought down in the basement I cannot even lift now, HI. I am also still working full time. You are right, not too golden, HI. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, October 17, 2015 10:10 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: attic_ant Your still a kid! Try 75 on for size. Don't believe that Baloney about the Golden Years either. :) :) Roger/K1TG On Saturday, October 17, 2015 12:33 AM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote: Thanks Steve – 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ,

07731732-886-5960 From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, October 17, 2015 12:13 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: attic_ant   >will be 70 tomorrow.

Happy birthday Mike!!

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

11835. Need coil forms

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-20 18:03:59 UTC
From: JAMES HANLON
Topic: 11835 Message: 11835

Folks,

I am in need of two, small 5-pin coil forms. Old tube bases would be just fine. Can anyone help me out?

thanks,

Jim Hanlon, w8KGI

11836. Re: [AWA Group] Need coil forms

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-21 13:03:11 UTC
From: Roger Kuchera
Topic: 11835 Message: 11836

Hi Jim, Any particular diameter preferred? Millen;Bud;Hammarlund? Used or New? I may have someused in 5-pin. Let me know.
Roger/K1TG

On Tuesday, October 20, 2015 2:04 PM, "JAMES HANLON knjhanlon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv9110536575 #yiv9110536575 .yiv9110536575ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv9110536575 div.yiv9110536575ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv9110536575 div.yiv9110536575photo-title a, #yiv9110536575 div.yiv9110536575photo-title a:active, #yiv9110536575 div.yiv9110536575photo-title a:hover, #yiv9110536575 div.yiv9110536575photo-title a:visited {text-decoration:none;}#yiv9110536575 div.yiv9110536575attach-table div.yiv9110536575attach-row {clear:both;}#yiv9110536575 div.yiv9110536575attach-table div.yiv9110536575attach-row div {float:left;}#yiv9110536575 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv9110536575 div.yiv9110536575ygrp-file {width:30px;}#yiv9110536575 div.yiv9110536575attach-table div.yiv9110536575attach-row div div a {text-decoration:none;}#yiv9110536575 div.yiv9110536575attach-table div.yiv9110536575attach-row div div span {font-weight:normal;}#yiv9110536575 div.yiv9110536575ygrp-file-title {font-weight:bold;}#yiv9110536575 --> <!--#yiv9110536575 .yiv9110536575hmmessage P{margin:0px;padding:0px;}#yiv9110536575 body.yiv9110536575hmmessage{font-size:12pt;font-family:Calibri;}-->

Folks,

I am in need of two, small 5-pin coil forms. Old tube bases would be just fine. Can anyone help me out?

thanks,

Jim Hanlon, w8KGI

11837. 211 Day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-21 14:07:32 UTC
From: dulmagedon@...
Topic: 11837 Message: 11837
Attachments: 1 described; binary payloads are missing from this source WARC

I was working on the 42 tube this morning and even had it calling CQ but no cigar. I see prop report for today is poor to fair. So I reached over and switched on The Monster and called CQ. Instant answer from "The Falls".
Sure is a fun rig to run. I think it helps warm the shack too. Some days are just not QRP days. Today was one of those days here. Fun watching the in shack monitor needles pin on each key stroke. I only run it about 1/3 throttle but it seems to be enough.

don VE3LYX

11838. Re: Need coil forms

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-21 17:46:48 UTC
From: wa8dof@...
Topic: 11835 Message: 11838

Hi Jim

I am sure I have some. What diameter do you need?

Dave

11839. Re: [AWA Group] Need coil forms

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-21 18:06:47 UTC
From: Louis Vermond
Topic: 11835 Message: 11839

diameter? "Old tube bases would be just fine."

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11840. Re: Need coil forms

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-22 16:42:29 UTC
From: JAMES HANLON
Topic: 11835 Message: 11840

Roger, Dave and Louis,

Thanks very much for your response! I should tell you what I'm working on.

After turning 77 last August and having a good friend/neighbor pass away and leave his wife with five horses and a camel, I decided that it was time for me to start finding good homes for most of my boatanchor collection. So far I've been working on the things up in the attic. One of them is a Millen 90800 transmitter in its original box. The transmitter itself came with coils for 10 meters, including a 40 meter cathode coil for the tri-tet oscillator. Since I have another 90800 in my on-the-air shack, I'd been gathering coils for the 90800 when I could find them. At this point I have additional, original Millen coils in Millen boxes for 160, 40, 20 and 15 meters. To make the set complete I just ordered B&W coil stock from Surplus Sales and some banana plugs from Mouser that will allow me to make a couple of 80 meter coils. I also need to make two cathode coils, one for 160 meter crystals and one for 80 meter crystals.

There's plenty of room on the 90800 chassis, so I could fit in quite a few different diameter and length coil forms as necessary. The original Millen coil form that was used on my existing 40 meter cathode coil is one inch in diameter and just short of one and five-eights inch tall. A couple of those would be my first choice. But something like the tube base from a defunct 807 or any five-pin receiving tube would also work just fine.

I'd be very happy to pay a reasonable price for a couple of forms and also to cover the shipping.

Let's all keep in touch so I don't wind up with an over supply. At this point I'm trying to lower the inventory, HI!

73,

Jim Hanlon, W8KGI

11841. Re: Need coil forms

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-22 20:30:34 UTC
From: dulmagedon@...
Topic: 11835 Message: 11841

MMMI was just reading some stuff on the web about the 908000 and I think the 908001. Seems to me I saw your name mentioned there. Is that possible? If it wasn't there is was somewhere similar and this week.
don Ve3LYX

11842. Re: [AWA Group] Re: Need coil forms

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-22 20:36:21 UTC
From: Dave VanDenburg
Topic: 11835 Message: 11842
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Jim,
Will these work? They are 1 1/4 inches in diameter and 2 inches tall.
You would have to remove whatever is inside, but that should not be too hard. I have no idea where they came from, or what they were intended to fit.

I do not have any 1 inch forms.
If these will do, I can have them in the mail tomorrow, no charge. Please let me know.
Dave

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11843. Re: [AWA Group] Re: Need coil forms [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-22 21:32:36 UTC
From: Leonard Meek
Topic: 11843 Message: 11843

Has anyone looked at Playthings of Past? I bought a couple dozen plug in coil forms from him a while back, 4 pin and 6 pin. I also got a couple of variocouplers from him, and he even threw in some green DSC wire to rewind them with.

Leonard

----- Original Message -----
From: Dave VanDenburg wa8dof@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Thursday, October 22, 2015 10:36 AM
Subject: Re: [AWA Group] Re: Need coil forms [1 Attachment]

Hi Jim,

Will these work? They are 1 1/4 inches in diameter and 2 inches tall.

You would have to remove whatever is inside, but that should not be too hard. I have no idea where they came from, or what they were intended to fit.

I do not have any 1 inch forms.

If these will do, I can have them in the mail tomorrow, no charge. Please let me know.

Dave

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.

11844. Old QST and OTB mags

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-25 01:33:30 UTC
From: dulmagedon@...
Topic: 11844 Message: 11844

I came home a few days ago to find a large box of old 1920s and 1930s QST mags ans perhaps 50 or so OTB journals. I know where they came from. Jim VE3CDX. We had made a deal for he would trade these for one of my books. Seemed like I was getting the best of the deal by an ridiculous amount but he's was happy and so was I. Unfortunately I didn't know he was coming so I wasn't home. I will have to mail him his book. I just finished giving them all the once over, sorting them into must read and later piles. Of particular interest to me is the OTB Journals and in particular the Breadboarding articles. I even found a transmitter using the 42 tubes. I have been working on the 42 tube transmitter quite a bit. I have the power up if shack meters mean anything and the note is better and the chirp is almost gone. Drift is very minimal. Also i have been monitoring my hydro Ac voltage as occasionally I have had strange incidents. In the last 24 hours I have been as low as 114.7 volts and as high as 122.1 volts. All readings same meter same outlet. I have no idea what is normal but that seems goofy to me. It stays steady for awhile then begins its march downward and around. I am at the end (last house) on a rural system and my transformer Is an old green one. Last one left that I know of. It has been repaired several times over the last 36 years and once was even on fire. Apparently a ground lead got corroded and melted. My friend at Hydro told me because it is an old green one containing PCBs they will do everything they can to keep from changing it as disposal is a big headache now. Perhaps that is the source of my trouble but maybe not.I don't know. It is noisy (rf wise). I could tell the voltage was moving around by listening to my Tx in the monitor. Anyway. currently playing in and around 7030 kcs with the 42 ECO tx. I have been using with its matching regen as it works very well for 40M. Kinda fun doing it that way.
don VE3LYX
BTW I saw two of you mention in the OTB journals

11845. eBay Alert....some interesrting useful things

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-28 14:59:09 UTC
From: Louis Vermond
Topic: 11845 Message: 11845

http://www.ebay.com/sch/radiotyke/m.html?item=151865041721&rt=nc&_trksid=p2047675.l2562

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https://www.avast.com/antivirus

11846. Old Reliable

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-28 20:19:25 UTC
From: dulmagedon@...
Topic: 11846 Message: 11846

I have been spending too much time trying to get the 42 ECO rig to run like I want. I am almost there but couldn't raise anyone with it today. As I have done several times before I reached over and switched on the 211A Hartley. I think I'm in love. It rarely fails to raise a reply on the first or second call. Was pounding brass Into Folsom PA today. Life is good.
don Ve3LYX
PS
The pic with Bruce Kelly above. Is that a spark TX or something with tube(s). I can't tell from the pic but love the flat metal spiral wound coil.

11847. Re: [AWA Group] Old Reliable

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-28 21:56:38 UTC
From: Louis Vermond
Topic: 11846 Message: 11847
Attachments: 1 described; binary payloads are missing from this source WARC

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https://www.avast.com/antivirus

11848. coil forms es Leonard

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-28 22:02:08 UTC
From: Louis Vermond
Topic: 11848 Message: 11848

threw in some green DSC wire to rewind them with. Gauge, Leonard?

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https://www.avast.com/antivirus

11849. Re: [AWA Group] coil forms es Leonard

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-28 22:34:30 UTC
From: Leonard Meek
Topic: 11848 Message: 11849

It was about #30 AWG.

Leonard

----- Original Message -----
From: 'Louis Vermond' ldvermond@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Wednesday, October 28, 2015 12:02 PM
Subject: [AWA Group] coil forms es Leonard

□

threw in some green DSC wire to rewind them with. Gauge, Leonard?

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www.avast.com

11850. Re: [AWA Group] coil forms es Leonard

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-28 23:18:40 UTC
From: Louis Vermond
Topic: 11848 Message: 11850

Thank you, Leonard. Lou

----- Original Message -----
From: 'Leonard Meek' lemeek@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-10-28 6:34 PM
Subject: Re: [AWA Group] coil forms es Leonard

☐

It was about #30 AWG.

Leonard

----- Original Message -----
From: 'Louis Vermond' ldvermond@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Wednesday, October 28, 2015 12:02 PM
Subject: [AWA Group] coil forms es Leonard

☐
threw in some green DSC wire to rewind them with. Gauge, Leonard?

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www.avast.com

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11851. RE: [AWA Group] Old Reliable

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-29 01:15:42 UTC
From: Edward Gable
Topic: 11846 Message: 11851

The picture is indeed that of Bruce Kelley, W2ICE. The transmitter is a 1 kW synchronous rotary gap that was built in 1914, by George Batterson, 8TC, later W2GB. Bruce and George were co-founders (along with Link Cundall, W2LC) of the AWA. Bruce was the first Curator of the AWA Museum. BTW, someone erroneously added the caption W2ICE/W2AN to the photo. Bruce was never W2AN. The transmitter is still in use today at the AWA Museum and is a real crowd pleaser. Unlike yesteryear, today, before we light it off the museum docents are required to ask the visitors if anyone has a heart pacemaker ! If so, they are asked to leave the immediate area – hihi. Also, most modern auto-exposure, auto-focus cameras stop working at key down. All recover thank heavens. Cheers,

Ed Gable K2MP/W2AN
Curator Emeritus
AWA Museum

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, October 28, 2015 3:19 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Old Reliable

I have been spending too much time trying to get the 42 ECO rig to run like I want. I am almost there but couldn't raise anyone with it today. As I have done several times before I reached over and switched on the 211A Hartley. I think I'm in love. It rarely fails to raise a reply on the first or second call. Was pounding brass Into Folsom PA today. Life is good.
don Ve3LYX
PS
The pic with Bruce Kelly above. Is that a spark TX or something with tube(s). I can't tell from the pic but love the flat metal spiral wound coil.

11852. RE: [AWA Group] Old Reliable

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-29 01:57:17 UTC
From: dulmagedon@...
Topic: 11846 Message: 11852

Thanks Ed, I feel a museum trip coming on. Tis a very neat pic. Is it all made of wood ? The main stuff and the rotary part? I really like this photo.
don Ve3LYX

11853. RE: [AWA Group] Old Reliable

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-29 13:59:41 UTC
From: Edward Gable
Topic: 11846 Message: 11853

The kW spark transmitter is built into a tight wood box with no top. In the box is a frame that holds the transformer (115 VAC primary) and the high voltage capacitor made from layers of glass plates and thin metal. The box is filled with oil that completely covers the capacitor and transformer. The frame continues out of the oil and forms a shelf that holds the motor, gaps, oscillation transformer and other bits. Thanks for the interest. 73, /Ed k2mp/w2an

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, October 28, 2015 8:57 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Old Reliable

Thanks Ed, I feel a museum trip coming on. Tis a very neat pic. Is it all made of wood ? The main stuff and the rotary part? I really like this photo.
don Ve3LYX

11854. Re: [AWA Group] Old Reliable

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-29 15:43:09 UTC
From: Niel - W0VLZ
Topic: 11846 Message: 11854

Several years ago I stopped by the AWA Museum in Bloomfield and got a tour from Bruce. It was a lot of fun and really informative to be toured around by him. I had my camcorder running as he talked about and demoed the spark gear. I posted the video to youtube at https://www.youtube.com/watch?v=ZHdR_7wdLWg

Niel - W0VLZ

'Louis Vermond' ldvermond@... [AWAGroup] wrote:
>
> □
>
>
>
> ---
> Avast logo <https://www.avast.com/antivirus>
>
> This email has been checked for viruses by Avast antivirus software.
> www.avast.com <https://www.avast.com/antivirus>
>
>
>

11855. Old Reliable es Niel - W0VLZ Tour

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-29 18:25:56 UTC
From: Louis Vermond
Topic: 11855 Message: 11855

Thank you, Niel.

Although the new museum is truly impressive, what you show in your video is as I wish to remember the AWA Museum.

As to the call, W2AN. Bruce would use both it and his call during the various AWA contests of that period. For that reason I believe the connection holds.

73, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11856. Re: Old Reliable es Niel - W0VLZ Tour

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-29 22:00:22 UTC
From: dulmagedon@...
Topic: 11855 Message: 11856

Thank you, Niel. I really enjoyed that.

donVE3LYX

11857. GK 500 Parts Needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-10-31 00:24:51 UTC
From: Gary H. Harmon, Jr.
Topic: 11857 Message: 11857

I realize this may be Off Topic in certain lists and groups and for that I apologize but I wanted to shake the tree as much as possible.

Need the following:

Rear door

Top metal thumb latch

Rear metal thumb latch

Thanks and 73,

Gary H. Harmon, Jr. - K5JWK - HAM Radio Archaeologist

6003 Archwood

San Antonio, TX 78239-1504

210.657.1549h / 210.884.6926c/t

gharmon@...

"Too many projects - Not enough time!"

"Retirement = Every day is a Saturday except Sunday"

http://www.grissomroadcoc.org

11858. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-02 13:26:39 UTC
From: Louis Vermond
Topic: 130 Message: 11858

http://www.ebay.com/itm/Vintage-Radio-External-Antenna-Kit-Collector-Item-Ham-Short-Wave-AM-FM-Unused/351547575010?_trksid=p2047675.c100010.m2109&_trkparms=aid%3D555012%26algo%3DPW.MBE%26ao%3D2%26asc%3D33430%26meid%3D7b63082ea741466786db604f4dd37e52%26pid%3D100010%26rk%3D3%26rkt%3D19%26sd%3D301785885847

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11859. Vintage Transmitter Power Supplies

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-03 00:27:16 UTC
From: dulmagedon@...
Topic: 11859 Message: 11859

One area I would like to improve on is my power supplies. Other then the one I built for my twin 811A linear the rest seem to be humdingers. I don't really know why. Two are very close copies of the "economy" power supply carried in ARRL handbooks for years . I have added filters bypassed etc etc but still not as quiet as I think they should be. So I would like to know what the rest of you use if you don't mind sharing.
don VE3LYX

11860. Eddystone replica on Facebook

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-09 04:51:59 UTC
From: Daniel Petersen
Topic: 11860 Message: 11860

Here is a link to my "Eddystone-2015" in action on forty meters this
evening:

https://youtu.be/UHP5LlTSKDo
--

73,
Dan - W7OIL

11861. Re: [AWA Group] Eddystone replica on Facebook

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-09 16:49:42 UTC
From: Larry Szendrei
Topic: 11860 Message: 11861

On 11/8/15 11:51 PM, Daniel Petersen dan.w7oil@... [AWAGroup] wrote:
> Here is a link to my "Eddystone-2015" in action on forty meters this
> evening:
>
> https://youtu.be/UHP5LlTSKDo
> --

VY FB, Dan! Please refresh my memory on circuit and the tubes you used.

73,
-Larry/NE1S
> .
>
>

11862. Re: [AWA Group] Eddystone replica on Facebook

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-09 20:01:56 UTC
From: Daniel Petersen
Topic: 11860 Message: 11862
Attachments: 5 described; binary payloads are missing from this source WARC

Hi Larry:
I do have photos on the AWA site but I will put the latest and greatest here for you. The SS contest sounded like sheer pandemonium on the set but with neurlogical (neurotic? HI) filtering it was pretty easy to pick out signals. All in all the Eddystone-2015 is a hoot to use. Tube complement is a #32 detector and a VT-67 (a "militarized" #30)
73,
Dan - W7OIL

On Mon, Nov 9, 2015 at 8:49 AM, Larry Szendrei ne1s@securespeed.us [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> On 11/8/15 11:51 PM, Daniel Petersen dan.w7oil@... [AWAGroup] wrote:
>
>
> Here is a link to my "Eddystone-2015" in action on forty meters this
> evening:
>
> https://youtu.be/UHP5LlTSKDo
> --
>
>
> VY FB, Dan! Please refresh my memory on circuit and the tubes you used.
>
> 73,
> -Larry/NE1S
>
> .
>
>
>
>

--

73,
Dan - W7OIL

11863. Re: [AWA Group] Eddystone replica on Facebook

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-10 20:50:15 UTC
From: Larry Szendrei
Topic: 11860 Message: 11863

Thanks, Dan. Nice work, as usual!

I can't get to the photos on the Yahoo AWA site as someone signed me up
for this list and I never had the password, so thanks for posting them here.

73,
-Larry/NE1S

On 11/9/15 3:01 PM, Daniel Petersen dan.w7oil@... [AWAGroup] wrote:
> Hi Larry:
> I do have photos on the AWA site but I will put the latest and
> greatest here for you. The SS contest sounded like sheer pandemonium
> on the set but with neurlogical (neurotic? HI) filtering it was pretty
> easy to pick out signals. All in all the Eddystone-2015 is a hoot to
> use. Tube complement is a #32 detector and a VT-67 (a "militarized" #30)
> 73,
> Dan - W7OIL

11864. Re: [AWA Group] Eddystone replica on Facebook

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-10 20:54:47 UTC
From: Daniel Petersen
Topic: 11860 Message: 11864

No problem, Larry. If you need anything else let me know. BTW, he next
project here is a 6AG7/807 80 and 40 meter transmitter.
73,
Dan - W7OIL

On Tue, Nov 10, 2015 at 12:50 PM, Larry Szendrei ne1s@...
[AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> Thanks, Dan. Nice work, as usual!
>
> I can't get to the photos on the Yahoo AWA site as someone signed me up
> for this list and I never had the password, so thanks for posting them here.
>
> 73,
> -Larry/NE1S
>
> On 11/9/15 3:01 PM, Daniel Petersen dan.w7oil@... [AWAGroup] wrote:
>
>
> Hi Larry:
> I do have photos on the AWA site but I will put the latest and greatest
> here for you. The SS contest sounded like sheer pandemonium on the set but
> with neurlogical (neurotic? HI) filtering it was pretty easy to pick out
> signals. All in all the Eddystone-2015 is a hoot to use. Tube complement is
> a #32 detector and a VT-67 (a "militarized" #30)
> 73,
> Dan - W7OIL
>
>
>
>

--

73,
Dan - W7OIL

11865. Whew! Almost there!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-10 23:26:56 UTC
From: K3PID
Topic: 11865 Message: 11865

OK, I picked up the leaves for the last time and took the mower off and installed the snow blower, cab, and tire chains. I declare lawn work OVER for this year! Now I can get back to the TNT that I started last March. Looking forward to the BK!

Cheers
Ron K3PID

11866. Upcoming Bruce Kelly 1929 QSO Party Announcement

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-11 00:59:14 UTC
From: Whitebear1122
Topic: 11860 Message: 11866

Greetings 29'ers! It's time to dust off all those old chirpers and whooper transmitters and get them ready for this years installment of the Bruce Kelley 1929 QSO Party!! Last year Paul N1BUG beat the pants off of us with 87 contacts so I know there are a bunch of guys looking to beat Paul this year :) I do know there are a 29'ers who don't have to dust off anything because they use their 29 transmitters all year long like Harold KB0ROB and Dave WA8DOF. While I QSO all you 29 guys just once a year in the 29 QSO Party, when I hear your 29 station in the event, it's like hearing an old friend after all these years. I'm bummed when I can't make the QSO because it'll be another year before I have the next chance. I look forward to hearing all you guys. Thanks. 73, Scott WA9WFA

The 2015 Bruce Kelly 1929 QSO Party and W2ICE Special Event Station

The Bruce Kelly 1929 QSO Party is a yearly AWA sponsored event where participants build their own transmitters using the designs, techniques, and tubes that were available in 1929 and earlier, and then put those classic transmitters on the air and try to contact as many other 1929 stations as possible. Since they use early designs, it is a cacophony of whooping, chirping, buzzing, clicking, drifting, swishing, swaying, warbling, and other interesting signals. This is what ham radio sounded like in 1929 and for two weekends in December its 1929 again on the ham bands.

We will again be activating Bruce Kelly’s W2ICE callsign as a 1929 SPECIAL EVENT STATION for the 2nd year in a row! Last year I activated W2ICE from Minnesota for the first time since Bruce’s passing and I was told it was exciting for the 29’ers to hear and working the namesake station of this event! W2ICE is operating as a 1929 station and contacts count just like any other station. We plan to pass W2ICE portable to a different call area of the USA for 2015. I’m not telling you ahead of time where W2ICE portable will be operating from so it will be a surprise. The 1929 QSO Party was started in the early 1990’s and championed for a several years by Bruce Kelly W2ICE, an AWA co-founder. Prior to Bruce’s passing in 1997 he asked his close friend John Rollins W1FPZ to keep the 29 QSO Party going. John Rollins managed the QSO party for several years and renamed it the Bruce Kelly 1929 QSO Party in honor of Bruce. Eleven years ago John Rollins asked me to manage the 29 QSO Party for him and Bruce, and to keep the event alive because it meant so much to both of them.

Dates and Times: First two weekends of December, Saturday Dec 5 through Sunday Dec 6, and Saturday Dec 12 through Sunday Dec 13. Starts at 2300Z (6:00 PM EST) Saturday night and finishes at 2300Z (6:00 PM EST) Sunday night, both weekends.

Objective: Contact as many 1929 stations as possible. Contact exchange consists of RST, Name, QTH (State such as ME or MN or NY), last two digits of the year of the transmitters design or publication (such as 29 or 27 or 23, or pick a year if you’re not sure), type of transmitter (such as TNT or TGTP or MOPA or COLPITTS), and power input (such as 6W or 9W).

Rules: Transmitters must be 1929 or earlier types of self oscillators such as the Hartley, TNT, PP tuned grid tuned plate, MOPA, Colpitts, etc. No crystal oscillators. Tubes must have been available during or before 1929. Typical tubes often used are type 10, 45, 27, 211, 71A, 01A. Individual stations can be worked only once on each band over the course of

two weekends. You can use any vintage or modern receiver that you wish. The event is open to all 1929 stations including non-AWA members and AWA members. You are encouraged to join the AWA and support 1929 radio!

Input Power: Transmitters are limited to a power INPUT of 10 watts or less. However, to help make East-West contacts, power may be increased to 20 watts INPUT between the hours of 0500Z (12 Midnight EST) and 1300Z (8 AM EST). Note this is INPUT power. Power input is calculated by multiplying PA plate voltage x total PA plate current. Example: my plate voltage is 300 volts dc, and plate current is 30 ma, so total input power is 300 x 0.030 = 9 watts input. Stations running more power than this are considered “modern” for this event and do not count.

Frequencies: The QSO Party typically operates between 1800 to 1810 Kcs, 3550 to 3580 Kcs , 7100 to 7125 Kcs, plus or minus depending on QRM. 40 meter activity is up significantly because it offers both night time AND daytime propagation! So when 80 shuts down Sunday morning, I hope to see you on 40m.

Logs: Please submit your log so we can see who you worked and acknowledge your effort! Either electronically email your log to Scott at HYPERLINK "mailto:wa9wfa@..." wa9wfa@comcast.net or mail via post office to: Scott Freeberg WA9WFA, 327 Wildwood Avenue, Saint Paul, MN 55110. Logs must be in the 1929 QSO Party log format otherwise it will be difficult to score you. An official 1929 log sheet will be available for download from the AWA website. Please do not email logs to any other email address except to the WA9WFA account. Because of email problems in the past, I will acknowledge receipt of all email logs. If you do not receive an acknowledgement within a couple weeks, better check with me to make sure I received it.

Scoring: Remember that contacts with modern or high power stations do not count. Only count legitimate 1929 contacts. If you are contacted by a modern or high power station, be polite, mention the AWA QSO Party and point them to the webpage for more information, then move on, or QSO them if you wish. We will count contacts with W2AN, the AWA club station. Scoring is simple. Add up the number of legitimate 1929 QSO’s. Example: if you make 15 QSO’s on 80 meters,10 QSO’s on 40 meters, and 5 QSO’s on 160 meters, your final score is 30. All submitted logs will be scored and the results published in the AWA Journal. Please submit logs by January 15, 2016. 73, Scott WA9WFA

11867. BK 1929 QSO Party Link

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-11 01:05:57 UTC
From: Whitebear1122
Topic: 11867 Message: 11867

> Here is the link to the AWA website where the 1929 QSO Party rules and log sheet are located. The log is a WORD file that you download from the AWA site. 73, Scott WA9WFA

> http://www.antiquewireless.org/bruce-kelley-memorial-cw-qso-party.html
>

11868. BK 1929 QSO Party Link, Hot Link This Time

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-11 01:07:50 UTC
From: Whitebear1122
Topic: 11868 Message: 11868

>> Oops, Now it's a hot link. 73, Scott WA9WFA

> http://www.antiquewireless.org/bruce-kelley-memorial-cw-qso-party.html
>>
>

11869. A thoughtful Armistice Day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-11 17:15:15 UTC
From: Roger Kuchera
Topic: 11869 Message: 11869

I'm not sure if this is appropriate and I hope no one takes offense.
I must be getting old because I still call Nov. 11th "Armistice Day."
To those of our extraordinary gentlemen who served their country:
Thank You for your service!!
It seems so long ago that this fresh-faced kid of 17 went off to do his duty (Like so many others).
 I took a moment, at 11 AM, to remember those who didn't make it back home.
Roger/K1TG

11870. Re: [AWA Group] A thoughtful Armistice Day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-11 17:39:46 UTC
From: Daniel Petersen
Topic: 11869 Message: 11870

Roger, if anybody takes offense at your message I would reply to them, "TS".
73,
Dan - W7OIL (USAF veteran)

On Wed, Nov 11, 2015 at 9:15 AM, Roger Kuchera rwkuchera@...
[AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> I'm not sure if this is appropriate and I hope no one takes offense.
>
> I must be getting old because I still call Nov. 11th "Armistice Day."
>
> To those of our extraordinary gentlemen who served their country:
>
> Thank You for your service!!
>
> It seems so long ago that this fresh-faced kid of 17 went off to do his duty
> (Like so many others).
>
> I took a moment, at 11 AM, to remember those who didn't make it back home.
>
> Roger/K1TG
>
>
>

--

73,
Dan - W7OIL

11871. Re: [AWA Group] A thoughtful Armistice Day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-11 22:53:07 UTC
From: Roger Kuchera
Topic: 11869 Message: 11871

Wilco!
K1TG

On Wednesday, November 11, 2015 12:39 PM, "Daniel Petersen dan.w7oil@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv1417013562 #yiv1417013562 -- #yiv1417013562 .yiv1417013562ygrp-photo-title{clear:both;
font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv1417013562
div.yiv1417013562ygrp-photo{background-position:center;background-repeat:no-repeat;backgro
und-color:white;border:1px solid black;height:62px;width:62px;}#yiv1417013562
div.yiv1417013562photo-title a, #yiv1417013562 div.yiv1417013562photo-title a:active,
#yiv1417013562 div.yiv1417013562photo-title a:hover, #yiv1417013562
div.yiv1417013562photo-title a:visited {text-decoration:none;}#yiv1417013562
div.yiv1417013562attach-table div.yiv1417013562attach-row {clear:both;}#yiv1417013562
div.yiv1417013562attach-table div.yiv1417013562attach-row div {float:left;}#yiv1417013562
p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv1417013562
div.yiv1417013562ygrp-file {width:30px;}#yiv1417013562 div.yiv1417013562attach-table
div.yiv1417013562attach-row div div a {text-decoration:none;}#yiv1417013562
div.yiv1417013562attach-table div.yiv1417013562attach-row div div span
{font-weight:normal;}#yiv1417013562 div.yiv1417013562ygrp-file-title
{font-weight:bold;}#yiv1417013562 #yiv1417013562 #yiv1417013562 #yiv1417013562
--#yiv1417013562ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px
0;padding:0 10px;}#yiv1417013562 #yiv1417013562ygrp-mkp hr {border:1px solid
#d8d8d8;}#yiv1417013562 #yiv1417013562ygrp-mkp #yiv1417013562hd
{color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px
0;}#yiv1417013562 #yiv1417013562ygrp-mkp #yiv1417013562ads
{margin-bottom:10px;}#yiv1417013562 #yiv1417013562ygrp-mkp .yiv1417013562ad {padding:0
0;}#yiv1417013562 #yiv1417013562ygrp-mkp .yiv1417013562ad p {margin:0;}#yiv1417013562
#yiv1417013562ygrp-mkp .yiv1417013562ad a
{color:#0000ff;text-decoration:none;}#yiv1417013562

Roger, if anybody takes offense at your message I would reply to them, "TS".
73,
Dan - W7OIL (USAF veteran)

On Wed, Nov 11, 2015 at 9:15 AM, Roger Kuchera rwkuchera@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

  I'm not sure if this is appropriate and I hope no one takes offense.
I must be getting old because I still call Nov. 11th "Armistice Day."
To those of our extraordinary gentlemen who served their country:
Thank You for your service!!
It seems so long ago that this fresh-faced kid of 17 went off to do his duty (Like so many others).
 I took a moment, at 11 AM, to remember those who didn't make it back home.
Roger/K1TG

--

73,
Dan - W7OIL

11872. Re: [AWA Group] A thoughtful Armistice Day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-11 23:23:15 UTC
From: Art Lebermann
Topic: 11869 Message: 11872

Thanks for the good thoughts.? Much appreciated!

?

Art Lebermann - W6REQ

USAF - 1967-1973

"AFTAC"

?

?

-----Original Message-----
From: "Roger Kuchera rwkuchera@... [AWAGroup]"
Sent: Nov 11, 2015 2:53 PM
To: "AWAGroup@yahoogroups.com"
Subject: Re: [AWA Group] A thoughtful Armistice Day

?

Wilco!

K1TG

On Wednesday, November 11, 2015 12:39 PM, "Daniel Petersen dan.w7oil@gmail.com [AWAGroup]" wrote:

Roger, if anybody takes offense at your message I would reply to them, "TS".
73,
Dan - W7OIL (USAF veteran)

On Wed, Nov 11, 2015 at 9:15 AM, Roger Kuchera rwkuchera@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

?

I'm not sure if this is appropriate and I hope no one takes offense.

I must be getting old because I still call Nov. 11th "Armistice Day."

To those of our extraordinary gentlemen who served their country:

Thank You for your service!!

It seems so long ago that?this fresh-faced kid of 17 went off to do his duty (Like so many others).

?I took a moment, at 11 AM, to remember those who didn't make it back home.

Roger/K1TG

--

73,
Dan - W7OIL

11873. eBay Alert CHEAP!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-13 16:03:02 UTC
From: Louis Vermond
Topic: 11873 Message: 11873

<http://www.ebay.com/itm/Vintage-1934-Collins-Pre-War-4A-Transmitter-National-HAM-Tube-Radio-CW-Station-/311482958498?hash=item4885d4c2a2:g:HssAAOSwniRWN5Ji>

Tks 2AMI

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11874. Re: [AWA Group] eBay Alert CHEAP!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-13 16:54:56 UTC
From: Niel - W0VLZ
Topic: 11873 Message: 11874

Actually, save $7500!!! Price reduced from $29999 a couple of weeks ago.

Niel

'Louis Vermond' ldvermond@... [AWAGroup] wrote:
>
> □
>
> <http://www.ebay.com/itm/Vintage-1934-Collins-Pre-War-4A-Transmitter-National-HAM-Tube-Radio-CW-Station-/311482958498?hash=item4885d4c2a2:g:HssAAOSwniRWN5Ji
> <http://www.ebay.com/itm/Vintage-1934-Collins-Pre-War-4A-Transmitter-National-HAM-Tube-Radio-CW-Station-/311482958498?hash=item4885d4c2a2:g:HssAAOSwniRWN5Ji>>
> Tks 2AMI
>
>
> ---
> Avast logo <https://www.avast.com/antivirus>
>
> This email has been checked for viruses by Avast antivirus software.
> www.avast.com <https://www.avast.com/antivirus>
>
>
>

11875. VE3LYQ

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-13 21:02:49 UTC
From: Mike Feher
Topic: 11875 Message: 11875

Hey Don -

I had some time today so I spent some of it up in my shack working on an antenna tuning project. I was listening to 40 AM in the background for entertainment, and, low and behold there you were. You called a guy in PA right after he finished his QSO on your DX-60. I think he was in Philadelphia. You sounded great at my QTH. Evidently much better than at his, as he said you were not too strong. Regardless you were booming right in here, and I am not far from the other guy, here on the Jersey shore. Good audio and good signal. I would have given you a call if my antenna tuner would have been on the right band, but, it was not. Just as well, because as soon as you guys finished, a real strong Chinese AM broadcast station took over the frequency. Maybe another day. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

11876. eBay Alert..... for Regen Builders

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-14 20:37:21 UTC
From: Louis Vermond
Topic: 11876 Message: 11876

http://www.ebay.co.uk/itm/Two-1930s-BOXED-Eddystone-Variable-Capacitors-TRF-regenerative-Receiver-qrp-/401023686598?hash=item5d5edfd7c6:g:ZvcAAOSwYHxWPYTf

---
This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11877. Whew! Almost there! Ron K3PID

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-20 18:08:02 UTC
From: Louis Vermond
Topic: 11877 Message: 11877

How's it coming along, Ron? 73, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11878. Re: [AWA Group] Eddystone replica on Facebook

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-20 18:08:41 UTC
From: Louis Vermond
Topic: 11860 Message: 11878
Attachments: 5 described; binary payloads are missing from this source WARC

----- Original Message -----
From: Daniel Petersen dan.w7oil@...m [AWAGroup]
To: awagroup
Sent: 2015-11-09 3:01 PM
Subject: Re: [AWA Group] Eddystone replica on Facebook

Hi Larry:

I do have photos on the AWA site but I will put the latest and greatest here for you. The SS contest sounded like sheer pandemonium on the set but with neurlogical (neurotic? HI) filtering it was pretty easy to pick out signals. All in all the Eddystone-2015 is a hoot to use. Tube complement is a #32 detector and a VT-67 (a "militarized" #30)
73,

Dan - W7OIL

On Mon, Nov 9, 2015 at 8:49 AM, Larry Szendrei ne1s@securespeed.us [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

On 11/8/15 11:51 PM, Daniel Petersen dan.w7oil@... [AWAGroup] wrote:

Here is a link to my "Eddystone-2015" in action on forty meters this evening:

https://youtu.be/UHP5LlTSKDo
--

VY FB, Dan! Please refresh my memory on circuit and the tubes you used.

73,
-Larry/NE1S

.

--

73,
Dan - W7OIL

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11879. Original Eddystone AW-2 / W7OIL Replica Comparison

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-20 18:45:11 UTC
From: Louis Vermond
Topic: 11879 Message: 11879
Attachments: 2 described; binary payloads are missing from this source WARC

You win, Dan.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11880. Re: [AWA Group] Whew! Almost there! Ron K3PID

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-21 23:34:56 UTC
From: K3PID
Topic: 11877 Message: 11880

Hi Lou! I made the base for both the transmitter and the PS (solid cheery!) and I think I have everything I need. I will start winding the coils this weekend and put the transmitter together on a breadboard (piece of plywood) to determine the final layout. I'll let you know when I am ready for some on-air testing...

73
Ron

From: mailto:AWAGroup@yahoogroups.com
Sent: Friday, November 20, 2015 12:08 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Whew! Almost there! Ron K3PID

How's it coming along, Ron? 73, Lou

This email has been checked for viruses by Avast antivirus software.
www.avast.com

11881. Re: [AWA Group] Whew! Almost there! Ron K3PID

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-22 19:04:24 UTC
From: Louis Vermond
Topic: 11877 Message: 11881

Hi Lou! I made the base for both the transmitter and the PS (solid cheery!) and I think I have everything I need. I will start winding the coils this weekend and put the transmitter together on a breadboard (piece of plywood) to determine the final layout. I'll let you know when I am ready for some on-air testing...

Tks Ron,

Please post photos here when finished.

Getting out my TNT in anticipation, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11882. Kelley Countdown

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-25 17:58:19 UTC
From: Louis Vermond
Topic: 11882 Message: 11882
Attachments: 1 described; binary payloads are missing from this source WARC

Mike, WA8AVD will be participating in the Kelley Party on 40 & 80 using the two rigs below.
73, Lou

Original P-P TNT and Mike's TNT

Anyone else joining in for the first time?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11883. BK es VE3LYX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-25 23:47:05 UTC
From: Louis Vermond
Topic: 11883 Message: 11883

My computer is all messed up as is my normal email system however I will be there on both 40m and 80m.
40m with my TNT 45 tube, My 45 tube rat trap Hartley and my 211 on a light supply after midnite if I stay awake.(20watt rule after midnite)
On 80m with my 01A Hartley and 01A TGTP.
donVE3LYX

You are awash in OT rigs, Don! ...FB CU BK, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11884. Everyone busy building?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-28 13:45:08 UTC
From: Louis Vermond
Topic: 11884 Message: 11884

```
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
2015 219 216 127 90 122 151 85 103 76 51 26
2014 148 110 121 172 66 63 51 27 23 26 217 548

---
This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus
```

11885. Re: [AWA Group] Everyone busy building?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-28 13:52:22 UTC
From: N1BUG
Topic: 11884 Message: 11885

Scrambling to prepare for winter here. Way behind schedule & exhausted. N1BUG will not be competing in the BK this year but I will be making a few contacts...

Paul

On 11/28/2015 08:45 AM, 'Louis Vermond' ldvermond@... [AWAGroup] wrote:

Jan

Feb

Mar

Apr

May

Jun

Jul

Aug

Sep

Oct

Nov

Dec

2015

219 (https://groups.yahoo.com/neo/groups/AWAGroup/conversations/messages?messageStartId=10618&archiveSearch=true)

216 (https://groups.yahoo.com/neo/groups/AWAGroup/conversations/messages?messageStartId=10837&archiveSearch=true)

127 (https://groups.yahoo.com/neo/groups/AWAGroup/conversations/messages?messageStartId=11053&archiveSearch=true)

90 (https://groups.yahoo.com/neo/groups/AWAGroup/conversations/messages?messageStartId=11180&archiveSearch=true)

122 (https://groups.yahoo.com/neo/groups/AWAGroup/conversations/messages?messageStartId=11270&archiveSearch=true)

151 (https://groups.yahoo.com/neo/groups/AWAGroup/conversations/messages?messageStartId=11392&archiveSearch=true)

85 (https://groups.yahoo.com/neo/groups/AWAGroup/conversations/messages?messageStartId=11543&archiveSearch=true)

103 (https://groups.yahoo.com/neo/groups/AWAGroup/conversations/messages?messageStartId=11628&archiveSearch=true)

76 (https://groups.yahoo.com/neo/groups/AWAGroup/conversations/messages?messageStartId=11731&archiveSearch=true)

51 (https://groups.yahoo.com/neo/groups/AWAGroup/conversations/messages?messageStartId=11807&archiveSearch=true)

26 (https://groups.yahoo.com/neo/groups/AWAGroup/conversations/messages?messageStartId=11858&archiveSearch=true)

?

2014

148 (https://groups.yahoo.com/neo/groups/AWAGroup/conversations/messages?messageStartId=9046&archiveSearch=true)

110 (https://groups.yahoo.com/neo/groups/AWAGroup/conversations/messages?messageStartId=9194&archiveSearch=true)

121 (https://groups.yahoo.com/neo/groups/AWAGroup/conversations/messages?messageStartId=9304&archiveSearch=true)

172 (https://groups.yahoo.com/neo/groups/AWAGroup/conversations/messages?messageStartId=9425&archiveSearch=true)

66 (https://groups.yahoo.com/neo/groups/AWAGroup/conversations/messages?messageStartId=9597&archiveSearch=true)

63 (https://groups.yahoo.com/neo/groups/AWAGroup/conversations/messages?messageStartId=9663&archiveSearch=true)

51 (https://groups.yahoo.com/neo/groups/AWAGroup/conversations/messages?messageStartId=9726&archiveSearch=true)

27 (https://groups.yahoo.com/neo/groups/AWAGroup/conversations/messages?messageStartId=9777&archiveSearch=true)

23 (https://groups.yahoo.com/neo/groups/AWAGroup/conversations/messages?messageStartId=9804&archiveSearch=true)

26 (https://groups.yahoo.com/neo/groups/AWAGroup/conversations/messages?messageStartId=9827&archiveSearch=true)

217 (https://groups.yahoo.com/neo/groups/AWAGroup/conversations/messages?messageStartId=9853&archiveSearch=true)

548 (https://groups.yahoo.com/neo/groups/AWAGroup/conversations/messages?messageStartId=10070&archiveSearch=true)

(https://www.avast.com/antivirus)

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www.avast.com (https://www.avast.com/antivirus)

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

11886. TNT Grid coil confusion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-30 22:13:05 UTC
From: K3PID
Topic: 11877 Message: 11886

The starting point for the grid coil is 60 turns on a 2.5” long, 1” dia form. That would put the winding pitch at about 1mm. Is that correct or am I missing something? All of the pictures seem to be close wound!
73 es TNX
Ron K3PID

11887. Re: [AWA Group] TNT Grid coil confusion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-30 22:18:46 UTC
From: Steve
Topic: 11877 Message: 11887

close-wind it Ron...don't fill the form.

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11888. Re: [AWA Group] TNT Grid coil confusion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-11-30 23:34:22 UTC
From: Louis Vermond
Topic: 11877 Message: 11888

Ron,

They are close wound. Remember to start with a few extra turns then remove one at a time until you have hit the lowest plate current for efficiency.

My 80 mtr grid coil winding is 1" long.

73 and CU Sat., Lou
VE3AWA

----- Original Message -----
From: 'K3PID' ron.k3pid@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-11-30 5:13 PM
Subject: [AWA Group] TNT Grid coil confusion

The starting point for the grid coil is 60 turns on a 2.5” long, 1” dia form. That would put the winding pitch at about 1mm. Is that correct or am I missing something? All of the pictures seem to be close wound!

73 es TNX
Ron K3PID

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11889. Getting ready for the Kelley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-02 17:02:41 UTC
From: Louis Vermond
Topic: 11889 Message: 11889
Attachments: 1 described; binary payloads are missing from this source WARC

3BHK es 3AWA hard at it...

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https://www.avast.com/antivirus

11890. W0CWU SK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-03 04:27:04 UTC
From: Whitebear1122
Topic: 11890 Message: 11890

I was just informed by Harold KB0ROB that 1929 operator Russ Iverson W0CWU passed away yesterday from cancer and pneumonia. Sigh.. Russ was a huge fan of the BK 1929 QSO Party and was always heard on 80m and 40m with his "Big Bertha" MOPA transmitter. He also had a regenerative receiver that he was so proud of. Superb performance. I'm sure most of you worked him in the 29. We'll miss him this weekend! 73, Scott WA9WFA

11891. Re: [AWA Group] W0CWU SK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-03 11:00:00 UTC
From: Larry Szendrei
Topic: 11890 Message: 11891

I remember working Russ on more than one occasion over the years on the BK. He was a good operator. I hope his equipment finds a good home. RIP, Russ.

73,
-Larry/NE1S

On 12/2/15 11:27 PM, Whitebear1122 whitebear1122@... [AWAGroup] wrote:
>
> I was just informed by Harold KB0ROB that 1929 operator Russ Iverson
> W0CWU passed away yesterday from cancer and pneumonia.Sigh.. Russ was
> a huge fan of the BK 1929 QSO Party and was always heard on 80m and
> 40m with his "Big Bertha" MOPA transmitter. He also had a
> regenerative receiver that he was so proud of. Superb performance.
> I'm sure most of you worked him in the 29. We'll miss him this
> weekend! 73, Scott WA9WFA
>

11892. Re: [AWA Group] W0CWU SK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-03 15:32:30 UTC
From: Louis Vermond
Topic: 11890 Message: 11892

We'll miss him this weekend! We will. Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11893. Somewhere in Montana

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-03 23:45:33 UTC
From: Louis Vermond
Topic: 11893 Message: 11893
Attachments: 1 described; binary payloads are missing from this source WARC

Tks W2AMI

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11894. 2015 BK RCVR at NE1S

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-04 14:37:02 UTC
From: Larry Szendrei
Topic: 11894 Message: 11894
Attachments: 1 described; binary payloads are missing from this source WARC

This year, just for the halibut (the one on top):

11895. Fw: [AWA Group] 2015 BK RCVR at NE1S [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-04 15:05:19 UTC
From: Louis Vermond
Topic: 11895 Message: 11895
Attachments: 3 described; binary payloads are missing from this source WARC

This year, just for the halibut (the one on top):

0
0
0

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11896. RE: [AWA Group] 2015 BK RCVR at NE1S [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-04 15:10:00 UTC
From: Steve Flood
Topic: 11894 Message: 11896
Attachments: 1 described; binary payloads are missing from this source WARC

That means you’re giving away the RAL below it? Shipping address to follow. :0p

KK7UV

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11897. Re: [AWA Group] 2015 BK RCVR at NE1S

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-04 16:03:24 UTC
From: Larry Szendrei
Topic: 11894 Message: 11897

Steve,

You can pry the RAL from my cold, dead fingers ;-)

73,
-Larry/NE1S

11898. RE: [AWA Group] 2015 BK RCVR at NE1S

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-04 17:57:25 UTC
From: Steve Flood
Topic: 11894 Message: 11898

Cool! Thanks! :0)

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11899. Ready? & NE1S

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 01:36:33 UTC
From: N1BUG
Topic: 11899 Message: 11899

I hope everyone is ready for the BK! As noted I won't be "competing" this year but hope to work many of you.

I haven't been following the group in many months. It was a VERY busy summer and fall. TOO busy. No time to think about '29 stuff. The highlight of my summer was meeting Larry, NE1S at our tiny little hamfest in August. Thanks for coming Larry! This is the first group member I have met and considering my location may be the only one I ever do.

73,
Paul aka "Bugsy", N1BUG

11900. Re: [AWA Group] Ready for BK 1929 QSO Party?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 01:56:53 UTC
From: Whitebear1122
Topic: 11899 Message: 11900

Greetings 1929'ers! I just finished hooking up the 29 Colpitts on 80 meters. Seems to be working ok. I haven't tried it on 40 m yet but it "should work". While setting up I heard W0VLZ testing around 3562 so I know Niel will be around tomorrow night.

80 cw stinks tonight with poor propagation. Niel was rough copy from just down in Rochester to St. Paul. The worse 80m is the more I count on 40m during the day. I probably won't be on 160 unless I get desperate. My 200' low inverted VEE is an NVIS so I'm lucky to work anyone in MN much less further out. In recent years 40 m has been good during the day.

Please remember that you can crank up the power at 0500Z through 1300Z so you should take advantage of that QRO.

Input Power: Transmitters are limited to a power INPUT of 10 watts or less. However, to help make East-West contacts, power may be increased to 20 watts INPUT between the hours of 0500Z (12 Midnight EST) and 1300Z (8 AM EST). Note this is INPUT power. Power input is calculated by multiplying PA plate voltage x total PA plate current. Example: my plate voltage is 300 volts dc, and plate current is 30 ma, so total input power is 300 x 0.030 = 9 watts input. Stations running more power than this are considered “modern” for this event and do not count.

73, Scott WA9WFA

11901. W2ICE/1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 02:01:22 UTC
From: Whitebear1122
Topic: 11899 Message: 11901

Last year I had the pleasure of operating W2ICE/0 and that was the first time Bruce Kelly's call sign had been heard in the 1929 QSO Party since Bruce's passing. This year W2ICE will be operating from the East coast. As Paul has been hinting (hi hi) N1BUG will have the honor and pleasure of operating as W2ICE/1 this year. Paul was the winner of the 29 QSO Party last year. Paul's big signal should put W2ICE/1 in far more log books that I did last year. So thanks to Paul for helping us out by being the Special Event Station this year.
73, Scott WA9WFA

On Dec 4, 2015, at 7:36 PM, "N1BUG paul@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

> I hope everyone is ready for the BK! As noted I won't be "competing"
> this year but hope to work many of you.
>
> I haven't been following the group in many months. It was a VERY
> busy summer and fall. TOO busy. No time to think about '29 stuff.
> The highlight of my summer was meeting Larry, NE1S at our tiny
> little hamfest in August. Thanks for coming Larry! This is the first
> group member I have met and considering my location may be the only
> one I ever do.
>
> 73,
> Paul aka "Bugsy", N1BUG
>

11902. Re: [AWA Group] W2ICE/1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 02:44:03 UTC
From: Steve
Topic: 11899 Message: 11902

>N1BUG will have the honor and pleasure of operating as W2ICE/1 this year.

That's wonderful news. I had mistakenly inferred from one of Paul's earlier messages that he would not be operating in this year's BK...glad to hear I got it all wrong. Paul will end up with several pages in the log I'm sure!

73 Steve

PS...remember, NO 160m this weekend (ARRL 160 CW hasthe band plugged). We will have to figure out a watering-hole hour for our 160m ops next weekend. I know most don't like to spend too much time down there before scurrying back to 80m paydirt.

My annual plea / reminder for east coasters...please hang-in on 40m for a couple of hours before moving to 80m as it is still broad daylight back here when the BK starts. I can usually work the east coast on 40m about 30 minutes into the start and then for a couple of hours following sunset.

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11903. Kelley Call Reference List

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 03:05:50 UTC
From: Louis Vermond
Topic: 11903 Message: 11903

Good evening,

Perhaps you have ur own list, but if not, here you are. Based on Bugsy's log of last Kelley and mine of the past two.

If you wish a copy, pse e-directly. Ldvermond@...

CUK, Lou

Kelley Call List

December 3, 2015

VE3ABG -- Joe VE3AWA -- Lou VE3AUI -- Bill VE3CUI -- Eddy

VE3GRO -- Harry VE3LYX -- Don VE7BDQ -- John VE7SL -- Steve

K1TG -- Roger

K1TMJ -- Jim

N1BUG -- Paul

NE1S -- Larry

NF1O -- Barry

NV1X -- Bob

W1GIG -- Tim

WA1JAS -- Mike

WA1KPD -- Carl

W1UJR -- Bruce

W1ZB -- Jerry

and on....

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https://www.avast.com/antivirus

11904. Re: [AWA Group] Ready for BK 1929 QSO Party?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 03:15:12 UTC
From: w0vlz@...
Topic: 11899 Message: 11904
Attachments: 2 described; binary payloads are missing from this source WARC

Scott,

Yeap, 80 seemed pretty dead but 40 does seem to be better...fortunately so since I have to crank my TNT output down to 1 watt (for 9 watts in) before I have a decent sounding signal on 40. But at 1 watt out the Reverse Beacon Network still copied me from VA to NV so there is hope.

Looking forward to working everyone tomorrow night.

73,
Niel - W0VLZ

11905. Re: [AWA Group] Ready? & NE1S

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 12:27:06 UTC
From: Larry Szendrei
Topic: 11899 Message: 11905

On 12/4/15 8:36 PM, N1BUG paul@... [AWAGroup] wrote:
>
>
> The highlight of my summer was meeting Larry, NE1S at our tiny
> little hamfest in August. Thanks for coming Larry! This is the first
> group member I have met and considering my location may be the only
> one I ever do.
>
Paul, I too really enjoyed finally having an "eyeball QSO" with N1BUG.
Truth be told, it was one of the main considerations tipping the scale
in favor of making the trek all the way to the Milo hamfest.

73,
-Larry/NE1S

11906. Re: [AWA Group] Ready for BK 1929 QSO Party?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 12:28:41 UTC
From: George
Topic: 11899 Message: 11906

Sounds good Scott,
I'm ready put Pennsylvania on the air with the 27 Hartley on 80m and the 10 TNT on 40m.
Good luck to all the '29ers, BCNU.
Lou, I'll get some pics for you.
73, George N3GJ

> On Dec 4, 2015, at 8:56 PM, Whitebear1122 whitebear1122@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> Greetings 1929'ers! I just finished hooking up the 29 Colpitts on 80 meters. Seems to be working ok. I haven't tried it on 40 m yet but it "should work". While setting up I heard W0VLZ testing around 3562 so I know Niel will be around tomorrow night.
>
>
> 80 cw stinks tonight with poor propagation. Niel was rough copy from just down in Rochester to St. Paul. The worse 80m is the more I count on 40m during the day. I probably won't be on 160 unless I get desperate. My 200' low inverted VEE is an NVIS so I'm lucky to work anyone in MN much less further out. In recent years 40 m has been good during the day.
>
> Please remember that you can crank up the power at 0500Z through 1300Z so you should take advantage of that QRO.
>
> Input Power: Transmitters are limited to a power INPUT of 10 watts or less. However, to help make East-West contacts, power may be increased to 20 watts INPUT between the hours of 0500Z (12 Midnight EST) and 1300Z (8 AM EST). Note this is INPUT power. Power input is calculated by multiplying PA plate voltage x total PA plate current. Example: my plate voltage is 300 volts dc, and plate current is 30 ma, so total input power is 300 x 0.030 = 9 watts input. Stations running more power than this are considered “modern” for this event and do not count.
>
> 73, Scott WA9WFA
>

11907. Re: [AWA Group] Ready for BK 1929 QSO Party? [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 12:33:13 UTC
From: Larry Szendrei
Topic: 11899 Message: 11907

On 12/4/15 10:15 PM, w0vlz@... [AWAGroup] wrote:
>
>
> 40 does seem to be better...fortunately so since I have to crank my
> TNT output down to 1 watt (for 9 watts in) before I have a decent
> sounding signal on 40.
>

Yep, that's exactly what I observe here.

I "lost" one of my 71A's , so this year my PP-TNT will be sporting a
pair of 45's (again).

73,
-Larry/NE1S

11908. Re: [AWA Group] W2ICE/1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 15:51:18 UTC
From: N1BUG
Topic: 11899 Message: 11908

On 12/04/2015 09:44 PM, 'Steve' ve7sl@... [AWAGroup] wrote:
>> N1BUG will have the honor and pleasure of operating as W2ICE/1 this year.
>
> That's wonderful news. I had mistakenly inferred from one of Paul's earlier
> messages that he would not be operating in this year's BK...

Sorry Steve, the prankster in me couldn't resist having a little fun with this. The BK announcement said the location of W2ICE was to be a surprise, and I knew the special event station isn't eligible to win the first place award. Hence, a little game of subterfuge on my part. :-)

I am very honored to have been chosen to operate as W2ICE/1 this year. The fact that my last name is the same as Bruce's (and even spelled the same) add a little something extra special for me. As I told Scott, I will do my very best to get into the logs of as many '29 stations as I can. Hopefully propagation will cooperate in this endeavor.

> We will have to figure out a watering-hole hour for our 160m
> ops next weekend. I know most don't like to spend too much
> time down there before scurrying back to 80m paydirt.

Yes. After 0500 would give us the option to run a little more power but is too late for many here in the east (not me!). Propagation even to the midwest probably hasn't settled down much before 0200 or so. I'm not sure what is best. If a time is chosen, I will be there. If not I will simply keep checking 160 and move there when I start hearing BK activity.

> My annual plea / reminder for east coasters...please hang-in
> on 40m for a couple of hours before moving to 80m as it is
> still broad daylight back here when the BK starts. I can
> usually work the east coast on 40m about 30 minutes into
> the start and then for a couple of hours following sunset.

Right. I usually work VE7SL and KK7UV early, assuming propagation is decent. If not, I will hang for a while hoping to get you guys!

73,
Paul,
Bugsy,
N1BUG,
and temporarily W2ICE/1

11909. Re: [AWA Group] W2ICE/1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 17:04:57 UTC
From: Steve
Topic: 11899 Message: 11909

> Yes. After 0500 would give us the option to run a little more power
> but is too late for many here in the east (not me!). Propagation
> even to the midwest probably hasn't settled down much before 0200 or
> so. I'm not sure what is best. If a time is chosen, I will be there.
> If not I will simply keep checking 160 and move there when I start
> hearing BK activity.

it's too bad we can't use 160 this weekend as condx were superb last night on the ARRL CW...had long runs with my 150 watts including a report from F5OHS! Managed all W1 states before 0600Z (10 PM local) but had all but RI before 0500Z. We can only hope that condx will be as good next weekend.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11910. Re: [AWA Group] Ready for BK 1929 QSO Party?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 17:44:15 UTC
From: Louis Vermond
Topic: 11899 Message: 11910

Sounds good Scott,
I'm ready put Pennsylvania on the air with the 27 Hartley on 80m and the 10 TNT on 40m.
Good luck to all the '29ers, BCNU. Lou, I'll get some pics for you. 73, George N3GJ

Yes please, George. Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11911. W2ICE/1 Ready!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 18:04:57 UTC
From: N1BUG
Topic: 11911 Message: 11911
Attachments: 2 described; binary payloads are missing from this source WARC

I always enjoy seeing pictures of everyone's setup, so here are mine for this year... a wide shot for perspective and a close-up of the BK rig. I wish I had space for a vintage-only station, but this small room must suffice for all radio operations (vintage, modern, lab, shop). Set up. Tested. Working. Let the fun begin! 80m coils shown but I will be starting on 40m.

73,
Paul "Bugsy" N1BUG

11912. Re: [AWA Group] W2ICE/1 Ready! [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 18:42:47 UTC
From: Steve
Topic: 11911 Message: 11912

I'm amazed that you can key the rig from the same table without it sounding awful! Nice station !!!!!

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11913. Re: [AWA Group] W2ICE/1 Ready!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 18:51:15 UTC
From: N1BUG
Topic: 11911 Message: 11913

On 12/05/2015 01:42 PM, 'Steve' ve7sl@... [AWAGroup] wrote:
> I'm amazed that you can key the rig from the same table without it sounding
> awful! Nice station !!!!!

Actually I sort of can on some bands but don't. Usually I put the key on a board across the arms of my chair. I moved the high back chair out of the way for the pictures and just set the key on the desk. I have tried keying the TNT with the key where you see it. On 160 there is little affect; on 80 it gets quite a bit more wobbly than you are used to hearing from me; on 40 it's a disaster!

Paul

11914. Re: [AWA Group] W2ICE/1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 18:56:32 UTC
From: N1BUG
Topic: 11899 Message: 11914

On 12/05/2015 12:04 PM, 'Steve' ve7sl@... [AWAGroup] wrote:
> it's too bad we can't use 160 this weekend as condx were superb last night
> on the ARRL CW...had long runs with my 150 watts including a report from
> F5OHS! Managed all W1 states before 0600Z (10 PM local) but had all but RI
> before 0500Z. We can only hope that condx will be as good next weekend.

Agreed. Congrats on F5OHS! That's a nice one from your QTH!!! After
a dismal start to the "season", 160 has been sounding good most of
the time for the past week to ten days. I hope it holds up for next
weekend. Last year conditions in the BK were just awful on all bands.

Paul

11915. Re: [AWA Group] W2ICE/1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 19:05:37 UTC
From: Louis Vermond
Topic: 11899 Message: 11915

Last year conditions in the BK were just awful on all bands. shhhhhhhh

---
This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11916. Re: [AWA Group] W2ICE/1 Ready!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 19:06:05 UTC
From: Steve
Topic: 11911 Message: 11916

> Usually I put the
> key on a board across the arms of my chair.

great idea. Before my '29 operations, I always wondered why pictures of old shacks always showed the tx on a separate table ... I soon found out the reason :-)

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11917. Re: [AWA Group] Ready for BK 1929 QSO Party?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 19:22:34 UTC
From: Doug Forbes
Topic: 11899 Message: 11917

I will be on starting at 2300Z. Rare DX from the left coast.

--
Doug Forbes WA6VYN
Professor (Ret.) / Department Chair
Computer Science / Electronics / Music Technology
College of the Canyons

On 12/5/2015 9:44 AM, 'Louis Vermond' ldvermond@... [AWAGroup]
wrote:
> □
>
> Sounds good Scott,
> I'm ready put Pennsylvania on the air with the 27 Hartley on 80m and
> the 10 TNT on 40m.
> Good luck to all the '29ers, BCNU. Lou, I'll get some pics for you.
> 73, George N3GJ
> Yes please, George. Lou
>
>
>
> ---
> Avast logo <https://www.avast.com/antivirus>
>
> This email has been checked for viruses by Avast antivirus software.
> www.avast.com <https://www.avast.com/antivirus>
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11918. Re: [AWA Group] Ready for BK 1929 QSO Party?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 19:40:51 UTC
From: Louis Vermond
Topic: 11899 Message: 11918

I will be on starting at 2300Z. Rare DX from the left coast. Great!

80 or 40, Dough?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11919. BK 160 Next Weekend

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 19:48:56 UTC
From: Steve
Topic: 11899 Message: 11919

what about 0400Z for 160m next weekend? Not overly late back there and here should be east-coast capable if condx anywhere near normal.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11920. Re: [AWA Group] Ready for BK 1929 QSO Party?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 19:49:36 UTC
From: Steve
Topic: 11899 Message: 11920

starting on 40m Doug?

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11921. Re: [AWA Group] Ready for BK 1929 QSO Party?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 19:47:04 UTC
From: dickens501@frontiernet.net
Topic: 11899 Message: 11921

I am ready to go. I have a grandchild concert tonight so will be on late.Tom
w0lgu

On Saturday, December 5, 2015 1:40 PM, "'Louis Vermond' ldvermond@... [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:

☐ I will be on starting at 2300Z. Rare DX from the left coast. Great!
80 or 40, Dough?

| | This email has been checked for viruses by Avast antivirus software.
www.avast.com |

11922. Re: [AWA Group] BK 160 Next Weekend

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 20:12:57 UTC
From: Louis Vermond
Topic: 11899 Message: 11922

Sounds good, Steve. Maybe we'll make the 3 bands yet. Lou

----- Original Message -----
From: 'Steve' ve7sl@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-12-05 2:48 PM
Subject: [AWA Group] BK 160 Next Weekend

what about 0400Z for 160m next weekend? Not overly late back there and here
should be east-coast capable if condx anywhere near normal.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11923. Re: [AWA Group] Ready for BK 1929 QSO Party?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 20:15:28 UTC
From: Doug Forbes
Topic: 11899 Message: 11923

40 it is. Probably as close to 7.110 as possible.

--
Doug Forbes WA6VYN

On 12/5/2015 11:49 AM, 'Steve' ve7sl@... [AWAGroup] wrote:
> starting on 40m Doug?
>
>
>
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
> VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
> http://ve7sl.blogspot.ca/
>
>
>
> ------------------------------------
> Posted by: "Steve" <VE7SL@...>
> ------------------------------------
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> Yahoo Groups Links
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>

11924. Re: [AWA Group] Ready for BK 1929 QSO Party?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 20:20:06 UTC
From: N1BUG
Topic: 11899 Message: 11924

40 it is. Probably as close to 7.110 as possible.

I will be looking for you Doug... N1BUG, operating tonight as W2ICE/1

Paul

11925. Re: [AWA Group] BK 160 Next Weekend

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 20:21:15 UTC
From: N1BUG
Topic: 11899 Message: 11925

On 12/05/2015 02:48 PM, 'Steve' ve7sl@... [AWAGroup] wrote:
> what about 0400Z for 160m next weekend? Not overly late back there and here
> should be east-coast capable if condx anywhere near normal.

Works for me, Steve.

Paul

11926. Re: [AWA Group] Ready for BK 1929 QSO Party?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 20:34:00 UTC
From: Whitebear1122
Topic: 11899 Message: 11926

Are you going to be on 40 m first Doug? It's a rare treat to work CA! 73, Scott WA9WFA

On Dec 5, 2015, at 1:22 PM, Doug Forbes dougforbes@dslextreme.com [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> I will be on starting at 2300Z. Rare DX from the left coast.
>
> --
> Doug Forbes WA6VYN
> Professor (Ret.) / Department Chair
> Computer Science / Electronics / Music Technology
> College of the Canyons
>

11927. Re: [AWA Group] W2ICE/1 Ready!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 20:35:38 UTC
From: Whitebear1122
Topic: 11911 Message: 11927

I use masking tape and tape the cw key to the chair arm otherwise it's frequency chaos :) Sometimes at the end of a QSO I'll thunk the transmitter while holding the key down just to hear the chaos . hi hi 73, Scott WA9WFA

On Dec 5, 2015, at 1:06 PM, 'Steve' ve7sl@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>> Usually I put the
>> key on a board across the arms of my chair.
>
> great idea. Before my '29 operations, I always wondered why pictures of old
> shacks always showed the tx on a separate table ... I soon found out the
> reason :-)

11928. RE: [AWA Group] BK 160 Next Weekend

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 21:10:50 UTC
From: Steve Flood
Topic: 11899 Message: 11928

0400Z for 160m next weekend? Sounds good.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11929. Re: [AWA Group] Ready for BK 1929 QSO Party?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 22:13:47 UTC
From: Doug Forbes
Topic: 11899 Message: 11929

Thought I'd get an early start just to test the rig. I am on 7.110 now
and I'll keep sending CQ until the real thing starts.

--
Doug Forbes WA6VYN

On 12/5/2015 12:34 PM, Whitebear1122 whitebear1122@...
[AWAGroup] wrote:
>
>
> Are you going to be on 40 m first Doug? It's a rare treat to work CA!
> 73, Scott WA9WFA
>
> On Dec 5, 2015, at 1:22 PM, Doug Forbes dougforbes@...
> <mailto:dougforbes@...> [AWAGroup]
> <AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>> wrote:
>
>>
>>
>> I will be on starting at 2300Z. Rare DX from the left coast.
>>
>> --
>> Doug Forbes WA6VYN
>> Professor (Ret.) / Department Chair
>> Computer Science / Electronics / Music Technology
>> College of the Canyons
>>
>
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11930. West Coast Awaits

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 22:14:36 UTC
From: Steve
Topic: 11899 Message: 11930

Just had a nice QSO with K7SF in Portland while tuning-up the heap. Steve is using an ORIGINAL '29 tx! Keep an ear peeled for him.

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11931. Re: [AWA Group] Ready for BK 1929 QSO Party?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 22:21:42 UTC
From: Steve
Topic: 11899 Message: 11931

Dang! Darn K-index has shot up to 4, storm condx.

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11932. Re: [AWA Group] Ready for BK 1929 QSO Party?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 22:31:58 UTC
From: Whitebear1122
Topic: 11899 Message: 11932

Listening on 40 right now. Noise level is S-5 to S-6, so it may be rough tonight on 40 listening for 1929 signals. 73, Scott WA9WFA

On Dec 5, 2015, at 4:21 PM, "'Steve' ve7sl@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

> Dang! Darn K-index has shot up to 4, storm condx.
>
>
>
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
> VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
> http://ve7sl.blogspot.ca/
>
>
>
> ------------------------------------
> Posted by: "Steve" <VE7SL@...>
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> Yahoo Groups Links
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11933. BK rig picture WA6VYN

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 22:34:14 UTC
From: Doug Forbes
Topic: 11899 Message: 11933
Attachments: 1 described; binary payloads are missing from this source WARC

--
Doug

11934. Re: [AWA Group] BK rig picture WA6VYN [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 22:38:48 UTC
From: N1BUG
Topic: 11899 Message: 11934

Nice, Doug!

I'm listening on 7110 but it is too early to hear you and there is considerable SSB QRM.

Paul

11935. 40 is a mess

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-05 22:46:00 UTC
From: N1BUG
Topic: 11935 Message: 11935

At the moment, 7108 to 7122 is completely unusable here due to SSB.
Hopefully that activity will subside.

Paul

11936. Re: [AWA Group] 40 is a mess

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-06 00:31:24 UTC
From: Louis Vermond
Topic: 11935 Message: 11936

Here, 40 AWA activity died about 7. SSB, but clear spots. Wrked K4JYS, N3GJ, Bugsy & Larry. Bugsy and Bill the Big Sigs.

Other then hearing Larry work VE7SL ...the dog... no West stns hrd. Later? Hope so...

Going to 80, Lou

----- Original Message -----
From: N1BUG paul@... [AWAGroup]
To: AWAGroup
Sent: 2015-12-05 5:46 PM
Subject: [AWA Group] 40 is a mess

At the moment, 7108 to 7122 is completely unusable here due to SSB.
Hopefully that activity will subside.

Paul

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11937. Re: [AWA Group] 40 is a mess

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-06 00:43:08 UTC
From: Doug Forbes
Topic: 11935 Message: 11937

Snagged WB2AW.

--
Doug

On 12/5/2015 4:31 PM, 'Louis Vermond' ldvermond@... [AWAGroup]
wrote:
> □
>
> Here, 40 AWA activity died about 7. SSB, but clear spots. Wrked K4JYS,
> N3GJ, Bugsy & Larry. Bugsy and Bill the Big Sigs.
> Other then hearing Larry work VE7SL ...the dog... no West stns hrd.
> Later? Hope so...
> Going to 80, Lou
>
> ----- Original Message -----
> *From:* N1BUG paul@... [AWAGroup]
> <mailto:paul@...%20[AWAGroup]>
> *To:* AWAGroup <mailto:AWAGroup@yahoogroups.com>
> *Sent:* 2015-12-05 5:46 PM
> *Subject:* [AWA Group] 40 is a mess
>
> At the moment, 7108 to 7122 is completely unusable here due to SSB.
> Hopefully that activity will subside.
>
> Paul
>
>
>
> ---
> Avast logo <https://www.avast.com/antivirus>
>
> This email has been checked for viruses by Avast antivirus software.
> www.avast.com <https://www.avast.com/antivirus>
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11938. Re: [AWA Group] 40 is a mess

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-06 01:09:17 UTC
From: N1BUG
Topic: 11935 Message: 11938

Snagged 9 QSOs thru vy hvy SSB QRM on 40... including VE7SL, VE7BDQ, KK7UV. Now 0108Z. Taking a short break, then going to 80...

de W2ICE/1

11939. Re: [AWA Group] 40 is a mess

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-06 02:05:15 UTC
From: Whitebear1122
Topic: 11935 Message: 11939

Just snagged W2ICE/1 on 80m Thanks Paul!! Heard nothing on 40 tonight, high noise. 80 is fabulous right now 73, Scott WA9WFA

On Dec 5, 2015, at 7:09 PM, "N1BUG paul@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

> Snagged 9 QSOs thru vy hvy SSB QRM on 40... including VE7SL, VE7BDQ,
> KK7UV. Now 0108Z. Taking a short break, then going to 80...
>
> de W2ICE/1

11940. Re: [AWA Group] 40 is a mess

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-06 02:51:25 UTC
From: N1BUG
Topic: 11935 Message: 11940

TNX Scott, nice signal out here. Boy! Too bad we don't have any participants in Europe! EU7WW just ran me off my frequency... he's 599 of the back of my Beverage pointing west... 599+20 when I look his way. Condx are good.

de W2ICE/1 resting his arm for a few minutes :-)

On 12/05/2015 09:05 PM, Whitebear1122 whitebear1122@... [AWAGroup] wrote:
> Just snagged W2ICE/1 on 80m Thanks Paul!! Heard nothing on 40 tonight, high noise. 80 is fabulous right now 73, Scott WA9WFA
>
> On Dec 5, 2015, at 7:09 PM, "N1BUG paul@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:
>
>> Snagged 9 QSOs thru vy hvy SSB QRM on 40... including VE7SL, VE7BDQ,
>> KK7UV. Now 0108Z. Taking a short break, then going to 80...
>>
>> de W2ICE/1

11941. Keying methods...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-06 03:02:54 UTC
From: N1BUG
Topic: 11941 Message: 11941

So, guys... I hate to ask, but what is the consensus on using something other than a straight key in the BK? I've always used the straight key as it seems most period appropriate. But I've only been operating four hours (three if you deduct breaks) and my arm is killing me. Been doing a lot of hard physical work all summer and have sustained a few minor injuries to the arm in the process. Not that I can rig up anything else this weekend, but just curious for future reference...

Paul

11942. Re: [AWA Group] 40 is a mess

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-06 03:10:55 UTC
From: Whitebear1122
Topic: 11935 Message: 11942

Hi Paul, It was great working W2ICE/1 tonight! I've never worked him before. I was him last year so I couldn't work myself. hi hi I could hear you running the 1929 pile up. Thanks again for taking W2ICE/1 this year. You're doing a great job. As for EU7WW, usually 80 isn't that good. Don't think we ever had a 29'er outside of the North American continent. Did you work WA6VYN or VE7SL? Or hear any other from the west coast? I heard someone calling W8KGI who is in NM if I recall, but I didn't hear him, nor have I heard KK7UV. 73, Scott WA9WFA

On Dec 5, 2015, at 8:51 PM, "N1BUG paul@n1bug.com [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

> TNX Scott, nice signal out here. Boy! Too bad we don't have any
> participants in Europe! EU7WW just ran me off my frequency... he's
> 599 of the back of my Beverage pointing west... 599+20 when I look
> his way. Condx are good.
>
> de W2ICE/1 resting his arm for a few minutes :-)
>

11943. RE: [AWA Group] Keying methods...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-06 03:11:30 UTC
From: Mike Feher
Topic: 11941 Message: 11943

It would be appropriate for “Bugsy” to use a “bug”. Bugs came into use right at the turn of the century, for telegraph stuff, however, by the 1920’s a lot of hams were using them and the bug manufacturers were then catering to the hams as well. A lot of early bugs would be time appropriate. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, December 05, 2015 10:03 PM
To: AWAGroup
Subject: [AWA Group] Keying methods...

So, guys... I hate to ask, but what is the consensus on using something other than a straight key in the BK? I've always used the straight key as it seems most period appropriate. But I've only been operating four hours (three if you deduct breaks) and my arm is killing me. Been doing a lot of hard physical work all summer and have sustained a few minor injuries to the arm in the process. Not that I can rig up anything else this weekend, but just curious for future reference...

Paul

11944. Re: [AWA Group] 40 is a mess

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-06 03:40:41 UTC
From: N1BUG
Topic: 11935 Message: 11944

Scott,

I'm having a lot of fun!! I have't worked anything west of MN so far on 80, but surely the VE7s and KK7UV ought to be along any time now unless they are still on 40. I worked them on that band earlier. I know I will get them on 80. Europe is easy from out here... of course I cheat, being half way there!!! hi hi

Paul

On 12/05/2015 10:10 PM, Whitebear1122 whitebear1122@... [AWAGroup] wrote:
> Hi Paul, It was great working W2ICE/1 tonight! I've never worked
> him before. I was him last year so I couldn't work myself. hi hi
> I could hear you running the 1929 pile up. Thanks again for
> taking W2ICE/1 this year. You're doing a great job. As for
> EU7WW, usually 80 isn't that good. Don't think we ever had a
> 29'er outside of the North American continent. Did you work
> WA6VYN or VE7SL? Or hear any other from the west coast? I heard
> someone calling W8KGI who is in NM if I recall, but I didn't hear
> him, nor have I heard KK7UV. 73, Scott WA9WFA
>
> On Dec 5, 2015, at 8:51 PM, "N1BUG paul@... [AWAGroup]"
> <AWAGroup@yahoogroups.com> wrote:
>
>> TNX Scott, nice signal out here. Boy! Too bad we don't have
>> any participants in Europe! EU7WW just ran me off my
>> frequency... he's 599 of the back of my Beverage pointing
>> west... 599+20 when I look his way. Condx are good.
>>
>> de W2ICE/1 resting his arm for a few minutes :-)
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> Yahoo Groups Links
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Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

11945. Re: [AWA Group] Keying methods...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-06 03:53:36 UTC
From: Whitebear1122
Topic: 11941 Message: 11945

There is no rule against it so as the 1929 QSO Party manager I say go for it :) 73, Scott WA9WFA

On Dec 5, 2015, at 9:02 PM, "N1BUG paul@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

> So, guys... I hate to ask, but what is the consensus on using
> something other than a straight key in the BK? I've always used the
> straight key as it seems most period appropriate. But I've only been
> operating four hours (three if you deduct breaks) and my arm is
> killing me. Been doing a lot of hard physical work all summer and
> have sustained a few minor injuries to the arm in the process. Not
> that I can rig up anything else this weekend, but just curious for
> future reference...
>
> Paul
>

11946. Transcontinental on 80

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-06 05:01:14 UTC
From: N1BUG
Topic: 11946 Message: 11946

Well there you go. I just worked VE7SL who is FB solid 579 in here
on 80 meters. Also got KK7UV a bit ago...

Conditions seem good but overall number of contacts is down compared
to previous years at this point.

de W2ICE/1

11947. Where are the Stations?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-06 05:34:16 UTC
From: Whitebear1122
Topic: 11946 Message: 11947

Here it's 11:30 PM and I'm hearing VE7SL, W2ICE/1, K4JYS all about S4 to S-5. Just 15 minutes ago I was hearing VE3AWA the best I've heard him all night. Where are the all the other stations I wonder? Here is the time when we can crank up the power to 20 watts input, but no new stations.. Guess people are going to bed early in their old age. hi hi. I know I'm starting to poop out.

The Minnesota stations sound like ghosts to me, very weak, very watery, ethereal. I'm hoping 40 meters brings joy tomorrow afternoon.

73, Scott WA9WFA

11948. Re: [AWA Group] Where are the Stations?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-06 05:44:30 UTC
From: N1BUG
Topic: 11946 Message: 11948

I don't know Scott. This is the trend I see every time. After 0500z when we can crank the power up there are no stations left to work and very, very few even still on the air. Time to sleep and try just before sunrise.

Everyone is sounding a little watery here with the aurora, but signals are still reasonably good. I will be on 40 most of the day tomorrow.

de W2ICE/1

On 12/06/2015 12:34 AM, Whitebear1122 whitebear1122@...
[AWAGroup] wrote:
> Here it's 11:30 PM and I'm hearing VE7SL, W2ICE/1, K4JYS all
> about S4 to S-5. Just 15 minutes ago I was hearing VE3AWA the
> best I've heard him all night. Where are the all the other
> stations I wonder? Here is the time when we can crank up the
> power to 20 watts input, but no new stations.. Guess people are
> going to bed early in their old age. hi hi. I know I'm starting
> to poop out.
>
> The Minnesota stations sound like ghosts to me, very weak, very
> watery, ethereal. I'm hoping 40 meters brings joy tomorrow
> afternoon.
>
> 73, Scott WA9WFA

11949. Re: [AWA Group] Where are the Stations?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-06 06:02:35 UTC
From: Whitebear1122
Topic: 11946 Message: 11949

The band is amazing tonight. I wasn't expecting much but right now it's long almost to infinity :) I can you and VE7SL and N2BE. I just worked W0LGU in MN and he was only 339 here. Agreed the band is sounding very watery and mysterious. I'm out of energy and heading to bed. Hope to work W2ICE/1 on 40 tomorrow. 73 GN DE WA9WFA

On Dec 5, 2015, at 11:44 PM, N1BUG paul@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

> I don't know Scott. This is the trend I see every time. After 0500z
> when we can crank the power up there are no stations left to work
> and very, very few even still on the air. Time to sleep and try just
> before sunrise.
>
> Everyone is sounding a little watery here with the aurora, but
> signals are still reasonably good. I will be on 40 most of the day
> tomorrow.
>
> de W2ICE/1
>

11950. Re: [AWA Group] Where are the Stations?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-06 06:19:02 UTC
From: Steve
Topic: 11946 Message: 11950

Auroral condx back here but still a couple of guys popping through on 80m. Activity seems waaaay down but perhaps it is just condx. Looks like the sun has dealt us another stinker.

Steve

PS...Paul...I cheat and use my keyer with HV keying interface to key the MOPA as well as load my keyer memory bank with an appropriate 'AWA CQ' :-((

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

11951. Re: [AWA Group] Where are the Stations?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-06 10:52:27 UTC
From: N1BUG
Topic: 11946 Message: 11951

On 12/06/2015 01:19 AM, 'Steve' ve7sl@... [AWAGroup] wrote:
> PS...Paul...I cheat and use my keyer with HV keying interface to key the
> MOPA as well as load my keyer memory bank with an appropriate 'AWA CQ' :-((

I had a hunch about that Steve. ;-) Is that HV keying interface part
of the keyer or something you built? I decided to sleep for a few
hours. My arm just woke me up hurting. At least I'm awake for sunrise!

Paul

11952. Re: [AWA Group] Keying methods...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-06 11:09:06 UTC
From: N1BUG
Topic: 11941 Message: 11952

Thanks Mike, Scott, and Steve for comments on this. Using a bug could be "interesting". I've never tried one. :-) Normally I use an iambic keyer for modern work, computer for modern contesting, straight key for '29 stuff. My arm has never had a problem with it before. But don't think I'm giving up! No way! I'm on 80 until shortly after sunrise, then will be on 40 most of the day but will take breaks from time to time as I usually do.

Paul, operating W2ICE/1

11953. activity

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-06 14:28:08 UTC
From: Steve Flood
Topic: 11953 Message: 11953

Are the bands that dead or did everyone sleep in?

KK7UV

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https://www.avast.com/antivirus

11954. Re: [AWA Group] activity

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-06 14:33:28 UTC
From: N1BUG
Topic: 11953 Message: 11954

On 12/06/2015 09:28 AM, 'Steve Flood' kk7uv@... [AWAGroup]
wrote:
>
> Are the bands that dead or did everyone sleep in?

80 didn't seem good at sunrise. Aurora may have taken its toll. I'm
on 40 now and working a few along the east coast, W1/2/3/4...

de W2ICE/1

11955. Who knows...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-06 15:30:31 UTC
From: N1BUG
Topic: 11955 Message: 11955

I'm well below the number of QSOs I had at this point in 2014... but about where I was at this point in 2012. Both those years I ended up with about the same number when it was all over. All I can do is keep plugging away...

Paul, operating W2ICE/1

11956. Hardware failure

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-06 16:34:32 UTC
From: Larry Szendrei
Topic: 11956 Message: 11956

This morning between working W1ICE/1 and W1ZB on 40M my receiver died. I was using my Softrock Ensemble II, and it's a hardware failure. Sensitivity is gone, I can receive my own signal but that's all. Once I figured out the RX died, I switched back to the R390-A, and was back in business. Bad karma for trying to use the SDR in the Bruce Kelley, I guess...

73,
-Larry/NE1S

11957. Re: [AWA Group] Where are the Stations?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-06 18:11:33 UTC
From: Steve
Topic: 11946 Message: 11957

Well from back here, conditions were even worse than last year. Kind of a pity as conditions had been good all week and then suddenly took a turn just before start-up time, with K numbers climbing as hgh a 5 during the night. Many of the signals were sounding pretty auroral-like by 10 PM here. Oddly, the 160m band sounded terrific with strong signals from all call areas. Propagation can be such a mystery at times.

Just after my first 80m QSO, my new, never-really-used MOPA, started to go quirky. The oscillator was taking large frequency jumps and the power output was fluctuating with the frequency excursions. It took my a while to isolate the problem to something in the amplifier stage. My first thought was one of the old micas starting to fail so I unscrewed one side of several of them, one at a time, and jumpered-in a sub but to no avail. I eventually determined it was the grid leak on the amplifier gradually failing, in little 'jumps' at a time, eventually going from 12K to > 1M. I guess it didn't like the extra drive on 80m. Clipping in a 10K solved the problem but by that time (1.5 hours), conditions had become even worse. I sure hope the band recovers by next weekend.

Where were all of the MN guys...usually their signals dominate the band so either activity from MN has fallen or conditions were just that bad.

Paul and Larry were smoking in here on 40m once the sun had set...amazing signals at times from both of you. Never did hear Lou, but managed PA and NJ as well as ME on 80m.

I was generally pleased with the new MOPA, as it's frequency was rock-solid (other than the grid-leak meltdown) in spite of gale-force winds here again all night.

> I had a hunch about that Steve. ;-) Is that HV keying interface part
> of the keyer or something you built? I decided to sleep for a few
> hours. My arm just woke me up hurting. At least I'm awake for sunrise!

Paul - I took the easy way out and built this kit several years ago:

http://www.hamgadgets.com/UKA-2

It will key both + or - lines up to 400V, maybe more.

There are various homebrew FET style interfaces that should work just as well,,,here is one:

http://pages.suddenlink.net/wa5bdu/cathode.gif

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

11958. Errr!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-06 18:18:16 UTC
From: K3PID
Topic: 11958 Message: 11958

OK, got the TNT running but could only get a dip at 3980. Started adding turns to the grid coil and brought it down to 3750 before I realized that I had only wound 10 turns on the tank coil.... no wonder the tuning cap was fully meshed! Err... back to the hardware store for more copper tubing...

How stupid! Should have it working by next weekend... I hope!
Ron K3PID

11959. Well...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-06 23:24:34 UTC
From: N1BUG
Topic: 11959 Message: 11959

It looks like 45 '29 QSOs plus 3 modern stations in the log at this point. My arm and sending is getting a little better but the TNT needs service again. The bolt in the beehive insulator for the antenna coil is loose. This inevitably happens every time. I will have to remove the beehive from the base and tighten that bolt before next weekend. I wonder if glue or loctite would do any good?

Several stations couldn't hear me on 40. One or two couldn't hear me on 80. I tend to hear better than I get heard.

Being on the air with the old rig has me thinking MOPA again. Maybe this winter...? Nah. Well, maybe. Or I could finally build the receiver. No. MOPA!

73,
Paul N1BUG
operating W2ICE/1

11960. Re: [AWA Group] Errr!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-06 23:49:56 UTC
From: Louis Vermond
Topic: 11958 Message: 11960

How stupid! Should have it working by next weekend... I hope! So do we, Ron! CU then. Lou

---
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https://www.avast.com/antivirus

11961. RE: [AWA Group] Well...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-07 00:42:17 UTC
From: Steve Flood
Topic: 11959 Message: 11961

wonder if glue or loctite would do any good?

Try an internal tooth lock washer Paul – between the nut and the lead washer on the topside of the beehive.. I say ‘internal tooth’ so the teeth aren’t visible and retain the 29 look.

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https://www.avast.com/antivirus

11962. Re: [AWA Group] Where are the Stations? (HV Keyer Interface)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-07 04:52:54 UTC
From: w0vlz@...
Topic: 11946 Message: 11962

Paul,

I added a Keyall from wb9kzy to my keyer. Now it will key anything up to 500V. See
http://w0vlz.blogspot.com/2009/01/when-using-my-vintage-transmitter-ive.html
http://w0vlz.blogspot.com/2009/01/when-using-my-vintage-transmitter-ive.html

Niel - W0VLZ (hoping for better condx next weekend)

11963. Re: [AWA Group] Well...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-07 10:50:54 UTC
From: Larry Szendrei
Topic: 11959 Message: 11963

On 12/6/15 6:24 PM, N1BUG paul@... [AWAGroup] wrote:
>
>
> Several stations couldn't hear me on 40. One or two couldn't hear me
> on 80. I tend to hear better than I get heard.
>
> .
>
>
I seem to want to come to that conclusion here as well, but OTOH what is
unknown to us is those stations that may be calling us that we never hear.

73,
-Larry/NE1S

11964. Re: [AWA Group] Well...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-07 10:55:20 UTC
From: N1BUG
Topic: 11959 Message: 11964

On 12/07/2015 05:50 AM, Larry Szendrei ne1s@...
[AWAGroup] wrote:
> On 12/6/15 6:24 PM, N1BUG paul@... [AWAGroup] wrote:
>> Several stations couldn't hear me on 40. One or two couldn't hear me
>> on 80. I tend to hear better than I get heard.
>>
> I seem to want to come to that conclusion here as well, but OTOH
> what is unknown to us is those stations that may be calling us that
> we never hear.

Good point Larry. I also should note an exception for 40m after about 2100z. SSB takes over and I start giving reports like 379. On a couple of those I was exaggerating as 279 would have been closer to the truth. I don't know how those with non-directional antennas survive it. I'm listening on Beverages and still get killed by SSB from Europe and South America.

73,
Paul

11965. ALMOST logged a rare one!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-07 11:10:27 UTC
From: Larry Szendrei
Topic: 11965 Message: 11965

While playing in the BK yesterday morning on 80M (when the SDR was still working) I heard (barely) VE3LYX working someone. I think it may have been N2BE, but I didn't make a note of it. After that QSO was done I gave Don a call and he came back, but someone (a non-BK'er) with a strong signal stomped all over him. I sent a few QSY's which were either not heard or ignored by the offending station. Anyway, I was able to copy all of Don's info except his TX. When I asked Don for a repeat, propagation between us had completely disappeared.

I have talked to Don a few times on AM but never on CW until now.

Don, we'll have to try again next weekend. I didn't hear you at all on 40M, but I wasn't active from about 11AM-3PM local time yesterday.

73,
-Larry/NE1S

11966. Keying interface - thanks Steve & Niel

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-07 11:25:43 UTC
From: N1BUG
Topic: 11966 Message: 11966

Thanks to Steve and Niel for links to HV keying interfaces. Much as I like to keep things 100% period correct, I think I'm going to get one (and a keyer! Mine is built into my main HF rig!). I would no doubt enjoy using the TNT a lot more if I could use a keyer with it. Between carpel tunnel and shoulder pain I was really struggling with the brass pounding Saturday night. I apologize for all the mistakes! It was a little better Sunday.

73,
Paul

11967. Proper Keying Posture

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-07 12:11:35 UTC
From: Steve Flood
Topic: 11967 Message: 11967
Attachments: 3 described; binary payloads are missing from this source WARC

Five years ago I attended a centennial/commemorative event at a small local community. I there had the pleasure of meeting an elderly woman who was a Western Union telegrapher. She had a display of her tools of the trade and was demonstrating morse sending. After entertaining a few comments and questions as to whether her arm or hand got tired or sore, she replied adamantly "Not if you're doing it right!". She would then demonstrate the proper posture that allowed her to send for hours. That posture was NOT like seen in the classic young Sarnoff photo or military training video.

She advocated for sitting up straight in an armless chair, with your arm and shoulder hanging relaxed at your side. Then bend your lower arm at 90 degrees to the upper arm and allow it to relax into a natural position without trying to rotate horizontally to the side away from your body. (For me this natural position places my hand four inches above my right thigh.) She said "This is where your key needs to be". So I built a little slider shelf for my key that mounts under my operating table. That was great advice. No more arm/hand problems.

-Steve KK7UV

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https://www.avast.com/antivirus

11968. New BK'er

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-07 18:12:16 UTC
From: Bill Stewart
Topic: 11968 Message: 11968

Some of you may have worked Steve, N3TE during the BK. He said that this is his first BK so if you work him next weekend, ya might pass along some encouragement for him to make this an annual event. It's great to have some new ops joining in the fun. He was running a '29 TGTP, T7 or so.

Any one work any other new BK'ers?

73 de Bill K4JYS

11969. New BK'er...Any one work any other new BK'ers?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-07 22:02:53 UTC
From: Louis Vermond
Topic: 11969 Message: 11969

New to me: N2BE -- Marty and KK4RF -- Marty

Lou

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https://www.avast.com/antivirus

11970. Re: [AWA Group] New BK'er...Any one work any other new BK'ers?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-07 22:06:41 UTC
From: Louis Vermond
Topic: 11969 Message: 11970

err.. That's N2BE -- John

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https://www.avast.com/antivirus

11971. Re: [AWA Group] New BK'er...Any one work any other new BK'ers?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-07 22:11:20 UTC
From: Bill Stewart
Topic: 11969 Message: 11971

N2BE is John and have wked him in the BK and Classic Exchange
and have worked Marty too in the BK.

Lou, was it you that had a list of stns worked in a past BK...could you
send me a copy? Tnx, Bill

----- Original Message -----

From: "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, December 7, 2015 5:02:53 PM
Subject: [AWA Group] New BK'er...Any one work any other new BK'ers?

New to me: N2BE -- Marty and KK4RF -- Marty

Lou

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11972. Re: [AWA Group] New BK'er...Any one work any other new BK'ers?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-07 23:02:59 UTC
From: Louis Vermond
Topic: 11969 Message: 11972

Lou, was it you that had a list of stns worked in a past BK...could you send me a copy? Tnx, Bill

Delivered...

Anyone else?

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11973. Re: [AWA Group] New BK'er...Any one work any other new BK'ers?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-07 23:22:47 UTC
From: Bill Stewart
Topic: 11969 Message: 11973

Tnx Lou...b

----- Original Message -----

From: "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, December 7, 2015 6:02:59 PM
Subject: Re: [AWA Group] New BK'er...Any one work any other new BK'ers?

Lou, was it you that had a list of stns worked in a past BK...could you
send me a copy? Tnx, Bill

Delivered...

Anyone else?

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11974. Re: [AWA Group] Proper Keying Posture

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-08 02:49:58 UTC
From: Whitebear1122
Topic: 11967 Message: 11974

I didn't have any of that good posture stuff going in the shack this year. Typically I would duct tape the cw key to the stiff arm of my operating chair, and have room for my elbow to rest on the arm also. Chair broke this year and was tossed out. My "new" shack chair was thrown out of the den by the misses for looking to ratty so I snatched it and put it in the shack. The arm isn't long enough and is curved, so I had to set the CW key on a separate bench stool. No elbow support what-so-ever, so the cw wasn't quite a smooth as usual, and there is some hand fatigue.

73, Scott WA9WFA

On Dec 7, 2015, at 6:11 AM, 'Steve Flood' kk7uv@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> Five years ago I attended a centennial/commemorative event at a small local community. I there had the pleasure of meeting an elderly woman who was a Western Union telegrapher. She had a display of her tools of the trade and was demonstrating morse sending. After entertaining a few comments and questions as to whether her arm or hand got tired or sore, she replied adamantly “Not if you’re doing it right!”. She would then demonstrate the proper posture that allowed her to send for hours. That posture wasNOT like seen in the classic young Sarnoff photo or military training video.
>
> <image002.jpg> <image006.jpg>
>
> She advocated for sitting up straight in an armless chair, with your arm and shoulder hanging relaxed at your side. Then bend your lower arm at 90 degrees to the upper arm and allow it to relax into a natural position without trying to rotate horizontally to the side away from your body. (For me this natural position places my hand four inches above my right thigh.) She said “This is where your key needs to be”. So I built a little slider shelf for my key that mounts under my operating table. That was great advice. No more arm/hand problems.
>
> -Steve KK7UV

11975. New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-09 15:03:49 UTC
From: Louis Vermond
Topic: 7747 Message: 11975

Please welcome Burt, NB0MM ('29 MOPA) to the Group.

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https://www.avast.com/antivirus

11976. RE: [AWA Group] New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-09 15:20:26 UTC
From: Mike Feher
Topic: 7747 Message: 11976

Looks like KB0MM to me Lou. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 09, 2015 10:04 AM
To: AWAGroup
Subject: [AWA Group] New Member

Please welcome Burt, NB0MM ('29 MOPA) to the Group.

<https://www.avast.com/antivirus> Avast logo

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www.avast.com <https://www.avast.com/antivirus>

11977. KB0MM -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-09 15:41:13 UTC
From: Mike Feher
Topic: 11977 Message: 11977
Attachments: 5 described; binary payloads are missing from this source WARC

Burt -

I like your antenna tuner. Do you have your inductors ganged? I just built one, however I turn my inductors individually on my first trial model. I also used a coaxial balun on my first unit, but, I did not like the performance that much. I had about 33 feet on a 5" diameter form. Just the other day I replaced it with a W2DU balun which consists of about 15 inches of RG-303/U and 50 ferrite beads made from 73 material mix. I attached a few photos of the original and the latest. Let me know if you have suggestions. So far it works from 160 through 15. I have not tried 10 yet. The antenna is a 290 foot long inverted V fed with 6 inch spaced homebrew line. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

11978. Re: [AWA Group] New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-09 16:27:19 UTC
From: Louis Vermond
Topic: 7747 Message: 11978

Tks Mike...
----- Original Message -----
From: 'Mike Feher' n4fs@eozinc.com [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-12-09 10:20 AM
Subject: RE: [AWA Group] New Member

Looks like KB0MM to me Lou. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 09, 2015 10:04 AM
To: AWAGroup
Subject: [AWA Group] New Member

Please welcome Burt, NB0MM ('29 MOPA) to the Group.

This email has been checked for viruses by Avast antivirus software.
www.avast.com

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11979. Re: [AWA Group] KB0MM - [6 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-09 17:48:55 UTC
From: burt
Topic: 11977 Message: 11979

Mike,

Yes, if you look at my QRZ photo, you can see the shafting and the 90 degree gearboxes so mine is connected in the back with gears. I think most guys use a ribbed belt affair but I had some Millen gear boxes so used them. I can tune 160 thru 10 meters and am using a 160 meter loop at My AWA station which is in a forest log cabin and it is run on batteries and an inverter. If the station is real weak, I listen on DC power only and turn on the inverter to transmit. Your set up looks fine but I would gang the inductors somehow. I have an inverted Vee I can use here as well. I think the length is about 250 feet on it. The apex is at about 90 feet and I feed it with coax and match it with a simple L-network tuner.

73 for now KB0MM Burt
On Wed, 2015-12-09 at 10:41 -0500, 'Mike Feher' n4fs@...
[AWAGroup] wrote:
>
> Burt –
>
>
>
> I like your antenna tuner. Do you have your inductors ganged? I just
> built one, however I turn my inductors individually on my first trial
> model. I also used a coaxial balun on my first unit, but, I did not
> like the performance that much. I had about 33 feet on a 5” diameter
> form. Just the other day I replaced it with a W2DU balun which
> consists of about 15 inches of RG-303/U and 50 ferrite beads made from
> 73 material mix. I attached a few photos of the original and the
> latest. Let me know if you have suggestions. So far it works from 160
> through 15. I have not tried 10 yet. The antenna is a 290 foot long
> inverted V fed with 6 inch spaced homebrew line. 73 – Mike
>
>
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
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>
>

11980. RE: [AWA Group] KB0MM -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-09 18:12:53 UTC
From: Mike Feher
Topic: 11977 Message: 11980

Burt –

Thanks for the info. Eventually I may gang the inductors, but for now just manually turn them to the same place as each is the same and each has a turns counter. They came out of the BC-191/375 transmitters. On some bands, specifically 160, it just seems that I cannot get any better than about 1.6:1. Most of the others I get 1.2:1. I have been used to link coupled tuners and was always able to get down to 1>0:1. What is your experience? Thanks – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 09, 2015 12:49 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] KB0MM -

Mike,

Yes, if you look at my QRZ photo, you can see the shafting and the
90 degree gearboxes so mine is connected in the back with gears. I
think most guys use a ribbed belt affair but I had some Millen
gear boxes so used them. I can tune 160 thru 10 meters and am using
a 160 meter loop at My AWA station which is in a forest log cabin
and it is run on batteries and an inverter. If the station is real
weak, I listen on DC power only and turn on the inverter to transmit.
Your set up looks fine but I would gang the inductors somehow. I have
an inverted Vee I can use here as well. I think the length is about 250
feet on it. The apex is at about 90 feet and I feed it with coax
and match it with a simple L-network tuner.

73 for now KB0MM Burt
On Wed, 2015-12-09 at 10:41 -0500, 'Mike Feher' n4fs@...
[AWAGroup] wrote:
>
> Burt –
>
>
>
> I like your antenna tuner. Do you have your inductors ganged? I just
> built one, however I turn my inductors individually on my first trial
> model. I also used a coaxial balun on my first unit, but, I did not

> like the performance that much. I had about 33 feet on a 5” diameter
> form. Just the other day I replaced it with a W2DU balun which
> consists of about 15 inches of RG-303/U and 50 ferrite beads made from
> 73 material mix. I attached a few photos of the original and the
> latest. Let me know if you have suggestions. So far it works from 160
> through 15. I have not tried 10 yet. The antenna is a 290 foot long
> inverted V fed with 6 inch spaced homebrew line. 73 – Mike
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11981. RE: [AWA Group] KB0MM -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-09 18:44:47 UTC
From: burt
Topic: 11977 Message: 11981

Mike,

If I take my time, I can usually get it down to 1.2 to 1 or so.
Maybe give some consideration to antenna length as it isn't very
close to your intended operating frequency. I would shorten it
up a few feet and see if the SWR is better as a test. You must
have a good reason for that antenna length that I don't know
about.

Burt

On Wed, 2015-12-09 at 13:12 -0500, 'Mike Feher' n4fs@...
[AWAGroup] wrote:
>
> Burt –
>
>
>
> Thanks for the info. Eventually I may gang the inductors, but for now
> just manually turn them to the same place as each is the same and each
> has a turns counter. They came out of the BC-191/375 transmitters. On
> some bands, specifically 160, it just seems that I cannot get any
> better than about 1.6:1. Most of the others I get 1.2:1. I have been
> used to link coupled tuners and was always able to get down to 1>0:1.
> What is your experience? Thanks – Mike
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> 732-886-5960
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>
> From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> Sent: Wednesday, December 09, 2015 12:49 PM
> To: AWAGroup@yahoogroups.com
> Subject: Re: [AWA Group] KB0MM -
>
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> Mike,
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> Yes, if you look at my QRZ photo, you can see the shafting and the
> 90 degree gearboxes so mine is connected in the back with gears. I
> think most guys use a ribbed belt affair but I had some Millen
> gear boxes so used them. I can tune 160 thru 10 meters and am using
> a 160 meter loop at My AWA station which is in a forest log cabin
> and it is run on batteries and an inverter. If the station is real
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> > through 15. I have not tried 10 yet. The antenna is a 290 foot long
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11982. Re: [AWA Group] KB0MM -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-09 18:50:04 UTC
From: Larry Szendrei
Topic: 11977 Message: 11982

Hi Mike, Burt,

Could you guys describe the circuit you are using for your tuners?

My guess would be a balanced "L" network with the balun on the input
(low-Z side). Is that the configuration, or is it something different?

73,
-Larry/NE1S

On 12/9/15 1:12 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Burt –
>
> Thanks for the info. Eventually I may gang the inductors, but for now
> just manually turn them to the same place as each is the same and each
> has a turns counter. They came out of the BC-191/375 transmitters. On
> some bands, specifically 160, it just seems that I cannot get any
> better than about 1.6:1. Most of the others I get 1.2:1. I have been
> used to link coupled tuners and was always able to get down to 1>0:1.
> What is your experience? Thanks – Mike
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> *Sent:* Wednesday, December 09, 2015 12:49 PM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* Re: [AWA Group] KB0MM -
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> Mike,
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> Yes, if you look at my QRZ photo, you can see the shafting and the
> 90 degree gearboxes so mine is connected in the back with gears. I
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> a 160 meter loop at My AWA station which is in a forest log cabin
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> an inverted Vee I can use here as well. I think the length is about 250

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> and match it with a simple L-network tuner.
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> 73 for now KB0MM Burt
> On Wed, 2015-12-09 at 10:41 -0500, 'Mike Feher' n4fs@...
> <mailto:n4fs@...>
> [AWAGroup] wrote:
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11983. RE: [AWA Group] KB0MM -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-09 18:54:54 UTC
From: Mike Feher
Topic: 11977 Message: 11983

Larry –

You have it right. It is essentially the tuner AG6K made popular, http://www.somis.org/bbat.html . 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 09, 2015 1:50 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] KB0MM -

Hi Mike, Burt,

Could you guys describe the circuit you are using for your tuners?

My guess would be a balanced "L" network with the balun on the input (low-Z side). Is that the configuration, or is it something different?

73,
-Larry/NE1S

On 12/9/15 1:12 PM, 'Mike Feher' n4fs@eozinc.com [AWAGroup] wrote:

’---

11984. Re: [AWA Group] KB0MM -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-09 18:56:23 UTC
From: burt
Topic: 11977 Message: 11984

Larry,

I'm using the standard double L-network with the balun on the
transmitter side of the coils. If you look on the web you
can find the diagram. It's called the balanced balanced double L
by Richard Measures (AG6K).

Burt

On Wed, 2015-12-09 at 13:50 -0500, Larry Szendrei ne1s@...
[AWAGroup] wrote:
>
> Hi Mike, Burt,
>
> Could you guys describe the circuit you are using for your tuners?
>
> My guess would be a balanced "L" network with the balun on the input
> (low-Z side). Is that the configuration, or is it something
> different?
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> 73,
> -Larry/NE1S
>
> On 12/9/15 1:12 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
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> >
> > Burt –
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> > Mike,
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> > feet on it. The apex is at about 90 feet and I feed it with coax
> > and match it with a simple L-network tuner.
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> > 73 for now KB0MM Burt
> > On Wed, 2015-12-09 at 10:41 -0500, 'Mike Feher' n4fs@...
> > [AWAGroup] wrote:
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> > > Burt –
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11985. Re: [AWA Group] KB0MM -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-09 19:21:19 UTC
From: Larry Szendrei
Topic: 11977 Message: 11985

Ah, yes. I've been to Richard Measures' (AG6K) several times in the past, great stuff. One project on my to-do list is a version of his hi-pot tester.

One of the tuners I use here is very similar: a balanced (double) pi network, but for most matching situations the input caps are 0% meshed, so could have gotten by with a balanced (double) L.

73,
-Larry/NE1S

On 12/9/15 1:54 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
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> Larry –
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> You have it right. It is essentially the tuner AG6K made popular,
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> Mike B. Feher, N4FS
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> *Sent:* Wednesday, December 09, 2015 1:50 PM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* Re: [AWA Group] KB0MM -
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> Hi Mike, Burt,
>
> Could you guys describe the circuit you are using for your tuners?
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> My guess would be a balanced "L" network with the balun on the input
> (low-Z side). Is that the configuration, or is it something different?
>
> 73,
> -Larry/NE1S
>
>

11986. RE: [AWA Group] KB0MM -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-09 19:27:02 UTC
From: Mike Feher
Topic: 11977 Message: 11986

I do have a 0 to 30 KV HV power supply here at a few mills that does well for any Hi-Pot testing I may have to do, HI. Back in ’66 I worked for a transformer company and we did make some real big transformers. Our large Hi-Pot was in a large cage with numerous interlocks. BTW, heard you last night on the Gray Hair net. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

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From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 09, 2015 2:21 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] KB0MM -

Ah, yes. I've been to Richard Measures' (AG6K) several times in the past, great stuff. One project on my to-do list is a version of his hi-pot tester.

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Mike B. Feher, N4FS

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Howell, NJ, 07731

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To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] KB0MM -

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11987. RE: [AWA Group] KB0MM -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-09 19:34:51 UTC
From: Mike Feher
Topic: 11977 Message: 11987

Burt –

I have no good reason at all for that length. It is 145 feet on each leg of the V of #6 solid copper. I figured since 130 feet was ¼ wavelength at 1.8 MHz a few feet longer should make little difference since I was using a ladder line feeder and on the higher frequencies it is several wavelengths anyway. Regardless, my original tuner was a link coupled one and I was able to get down to 1.0:1 on any frequency. The pain with that is all the taps when changing bands. That was the main appeal of the AG6K style tuner. 73 – Mike

Mike B. Feher, N4FS

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From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 09, 2015 1:45 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] KB0MM -

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> What is your experience? Thanks – Mike

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11988. RE: [AWA Group] KB0MM -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-09 20:27:21 UTC
From: burt
Topic: 11977 Message: 11988
Attachments: 1 described; binary payloads are missing from this source WARC

Mike,

My Inverted Vee is #8 stranded wire cut to 1800 Kc and am using
RG-8U and no balun at the apex. For what it's worth I used #8 wire
only because I had a big roll of it. In the shack I use a simple
L-network made from some old Cardwell stuff. It works great.

Burt Lade, KB0MM
Bemidji, Minnesota

On Wed, 2015-12-09 at 14:34 -0500, 'Mike Feher' n4fs@...
[AWAGroup] wrote:
>
> Burt –
>
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> I have no good reason at all for that length. It is 145 feet on each
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> From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> Sent: Wednesday, December 09, 2015 1:45 PM
> To: AWAGroup@yahoogroups.com
> Subject: RE: [AWA Group] KB0MM -
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> > Your set up looks fine but I would gang the inductors somehow. I
> have
> > an inverted Vee I can use here as well. I think the length is about
> > 250
> > feet on it. The apex is at about 90 feet and I feed it with coax
> > and match it with a simple L-network tuner.
> >
> > 73 for now KB0MM Burt
> > On Wed, 2015-12-09 at 10:41 -0500, 'Mike Feher' n4fs@...
> > [AWAGroup] wrote:
> > >
> > > Burt –
> > >
> > >
> > >
> > > I like your antenna tuner. Do you have your inductors ganged? I
> just
> > > built one, however I turn my inductors individually on my first
> > trial
> > > model. I also used a coaxial balun on my first unit, but, I did
> not
> > > like the performance that much. I had about 33 feet on a 5”
> diameter
> > > form. Just the other day I replaced it with a W2DU balun which
> > > consists of about 15 inches of RG-303/U and 50 ferrite beads made
> > from
> > > 73 material mix. I attached a few photos of the original and the
> > > latest. Let me know if you have suggestions. So far it works from
> > 160
> > > through 15. I have not tried 10 yet. The antenna is a 290 foot
> long
> > > inverted V fed with 6 inch spaced homebrew line. 73 – Mike
> > >

> > >
> > >
> > > Mike B. Feher, N4FS
> > >
> > > 89 Arnold Blvd.
> > >
> > > Howell, NJ, 07731
> > >
> > > 732-886-5960
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11989. RE: [AWA Group] KB0MM - [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-09 20:38:31 UTC
From: Mike Feher
Topic: 11977 Message: 11989

Burt –

I assume you only use that on 160. My intent with the ladder line feed was to use my inverted V on all bands, and I have used this almost continuously since I put it up in 1995 at this QTH. The center was at the top of a 70 foot tower, guyed in 6 places at two different heights. I used #6 because I had it and because I wanted it to last. I had a pulley on top so it could be lowered to work on if need be. Well, I never had to work on it until Sandy. Even then the inverted V was fine. An ice laden branch weighing a ton fell from one of my trees and fell right on one leg of the V. Well, since I built the antenna so good it survived, but, it snapped the top 25 or so feet right off of the tower, which landed on the house and fortunately did not cause any harm. Just this summer I got the inverted V up again but now it is only at about 45 or so feet. Still seems to work out well enough for me. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 09, 2015 3:27 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] KB0MM - [1 Attachment]

Mike,

My Inverted Vee is #8 stranded wire cut to 1800 Kc and am using
RG-8U and no balun at the apex. For what it's worth I used #8 wire
only because I had a big roll of it. In the shack I use a simple
L-network made from some old Cardwell stuff. It works great.

Burt Lade, KB0MM
Bemidji, Minnesota

On Wed, 2015-12-09 at 14:34 -0500, 'Mike Feher' n4fs@eozinc.com
[AWAGroup] wrote:
>
> Burt –
>
>
>
> I have no good reason at all for that length. It is 145 feet on each
> leg of the V of #6 solid copper. I figured since 130 feet was ¼
> wavelength at 1.8 MHz a few feet longer should make little difference

> since I was using a ladder line feeder and on the higher frequencies
> it is several wavelengths anyway. Regardless, my original tuner was a
> link coupled one and I was able to get down to 1.0:1 on any frequency.
> The pain with that is all the taps when changing bands. That was the
> main appeal of the AG6K style tuner. 73 – Mike
>
>
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
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>
> From: AWAGroup@...m [mailto:AWAGroup@yahoogroups.com]
> Sent: Wednesday, December 09, 2015 1:45 PM
> To: AWAGroup@yahoogroups.com
> Subject: RE: [AWA Group] KB0MM -
>
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>
> Mike,
>
> If I take my time, I can usually get it down to 1.2 to 1 or so.
> Maybe give some consideration to antenna length as it isn't very
> close to your intended operating frequency. I would shorten it
> up a few feet and see if the SWR is better as a test. You must
> have a good reason for that antenna length that I don't know
> about.
>
> Burt
>
> On Wed, 2015-12-09 at 13:12 -0500, 'Mike Feher' n4fs@...
> [AWAGroup] wrote:
> >
> > Burt –
> >
> >
> >
> > Thanks for the info. Eventually I may gang the inductors, but for
> now
> > just manually turn them to the same place as each is the same and

> each
> > has a turns counter. They came out of the BC-191/375 transmitters.
> On
> > some bands, specifically 160, it just seems that I cannot get any
> > better than about 1.6:1. Most of the others I get 1.2:1. I have been
> > used to link coupled tuners and was always able to get down to
> 1>0:1.
> > What is your experience? Thanks – Mike
> >
> >
> >
> > Mike B. Feher, N4FS
> >
> > 89 Arnold Blvd.
> >
> > Howell, NJ, 07731
> >
> > 732-886-5960
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> >
> > From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> > Sent: Wednesday, December 09, 2015 12:49 PM
> > To: AWAGroup@yahoogroups.com
> > Subject: Re: [AWA Group] KB0MM -
> >
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> >
> >
> >
> >
> >
> > Mike,
> >
> > Yes, if you look at my QRZ photo, you can see the shafting and the
> > 90 degree gearboxes so mine is connected in the back with gears. I
> > think most guys use a ribbed belt affair but I had some Millen
> > gear boxes so used them. I can tune 160 thru 10 meters and am using
> > a 160 meter loop at My AWA station which is in a forest log cabin
> > and it is run on batteries and an inverter. If the station is real
> > weak, I listen on DC power only and turn on the inverter to
> transmit.
> > Your set up looks fine but I would gang the inductors somehow. I
> have
> > an inverted Vee I can use here as well. I think the length is about
> > 250
> > feet on it. The apex is at about 90 feet and I feed it with coax
> > and match it with a simple L-network tuner.
> >
> > 73 for now KB0MM Burt

> > On Wed, 2015-12-09 at 10:41 -0500, 'Mike Feher' n4fs@...
> > [AWAGroup] wrote:
> > >
> > > Burt –
> > >
> > >
> > >
> > > I like your antenna tuner. Do you have your inductors ganged? I
> just
> > > built one, however I turn my inductors individually on my first
> > trial
> > > model. I also used a coaxial balun on my first unit, but, I did
> not
> > > like the performance that much. I had about 33 feet on a 5”
> diameter
> > > form. Just the other day I replaced it with a W2DU balun which
> > > consists of about 15 inches of RG-303/U and 50 ferrite beads made
> > from
> > > 73 material mix. I attached a few photos of the original and the
> > > latest. Let me know if you have suggestions. So far it works from
> > 160
> > > through 15. I have not tried 10 yet. The antenna is a 290 foot
> long
> > > inverted V fed with 6 inch spaced homebrew line. 73 – Mike
> > >
> > >
> > >
> > > Mike B. Feher, N4FS
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11990. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-10 14:35:10 UTC
From: Louis Vermond
Topic: 130 Message: 11990

http://www.ebay.com/itm/Millen-90800-50-Watt-AM-CW-Exciter-Transmitter-New-in-the-Box-/231770203187?hash=item35f694a433:g:kO0AAOSwp5JWXQ55

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11991. Marty's Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-10 15:32:22 UTC
From: Louis Vermond
Topic: 11991 Message: 11991
Attachments: 1 described; binary payloads are missing from this source WARC

With Marty's agreement I am sharing his letter to me.

73, Lou

Lou,

Thanks for the e-mail, the picture of your station and your 1929 rig and for the QSO on 80 meters AWA BK event. I had a lot of fun. Your old receiver really looks neat. Must be an old National. I see you have a National speaker there as well.
You did beautiful construction work on your antique rig. Your signal was quite strong last night. I've included a couple of pix of mine. I'm not great at building (although I have built many projects over the years.) My Hartley has an old fashioned milliammeter on the rear edge fastened with double face tape. The quarter copper tubing came from Lowe's. I used copper flashing screwed to the wooden board with wood screws to try to give a low loss and low inductance connection between parts. I fashioned a lever made from plexiglass to move the output link (made with 2 turns of very stiff enameled wire) vertically in and out of the tank coil. I used all junkbox parts. My circuit came from an article by Scott Freeberg in a 2009 AWA Journal article. Mine has an input power of just a little under 7 watts using an old 27 tube. It was hard to get it to behave, but overall it was a very fun project. I started this project about 3 years ago and used it maybe 2 or 3 years ago for the BK event then. Over the past week I tried to re-do it it and make it better, more solid, less clip leads (HI) with the addition of the lever, the meter, the terminal posts on the back.
I powered mine using an octal plug plugged into the accessory socket of my Heath DX-60 B. I had to add a dropping resistor as the voltage was too high for the high voltage. I used a homebrew power supply sitting on my Heath SB-300 to provide the 2.5 volts for the filament of the 27 tube. I used Direct Current. None of the voltages were regulated and I was surprised it didn't chirp more. I keyed mine with an old Heathkit iambic keyer which was driving a QSK TR switch, a project designed by Phil Salas, AD5X, in the Feb 12 , 2012 issue of QST.
Thanks again, Lou. I'm only set up for 80 meters. I hope to build one for either 160 or 40 meters over the next year.

All the best and 73s, Marty, KK4RF

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11992. Info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-10 18:41:56 UTC
From: Roger Kuchera
Topic: 9796 Message: 11992

Gentlemen, I am trying to find out some information on a particular General Electric transformer. Not so muchit's specifications as they are marked on the transformer itself. It's an oldie. The markings are:

General Electric CG-301110

612-593-0-593-612 .213A .204A .204A .213A

The primary can be used for 220 or 110 VAC.

My concern/question would be to find out if it can be used with a bridge rectifier and capacitive inputfilter.

Looking around the net got me no where. Can anyone help?

My overall plan is to put some fire in my 860 PA stage.

Thanks in advance.

Roger/K1TG

11993. RE: [AWA Group] Info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-10 19:12:09 UTC
From: Mike Feher
Topic: 9796 Message: 11993

Roger –

Excuse my ignorance, but, what makes you think that you may not be able to? 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, December 10, 2015 1:42 PM
To: yahoogroups
Subject: [AWA Group] Info needed

Gentlemen,

I am trying to find out some information on a particular General Electric transformer. Not so much

it's specifications as they are marked on the transformer itself. It's an oldie. The markings are:

General Electric CG-301110

612-593-0-593-612

.213A .204A .204A .213A

The primary can be used for 220 or 110 VAC.

My concern/question would be to find out if it can be used with a bridge rectifier and capacitive input

filter.

Looking around the net got me no where. Can anyone help?

My overall plan is to put some fire in my 860 PA stage.

Thanks in advance.

Roger/K1TG

11994. Re: [AWA Group] Info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-10 19:27:50 UTC
From: Leonard Meek
Topic: 9796 Message: 11994

How about contacting GE directly. I've gotten info that way before. It doesn't always work though. I haven't had much luck with Hickok.

Leonard

----- Original Message -----
From: Roger Kuchera rwkuchera@... [AWAGroup]
To: yahoogroups
Sent: Thursday, December 10, 2015 8:41 AM
Subject: [AWA Group] Info needed

Gentlemen,
I am trying to find out some information on a particular General Electric transformer. Not so much
it's specifications as they are marked on the transformer itself. It's an oldie. The markings are:

General Electric CG-301110

612-593-0-593-612
.213A .204A .204A .213A

The primary can be used for 220 or 110 VAC.

My concern/question would be to find out if it can be used with a bridge rectifier and capacitive input
filter.

Looking around the net got me no where. Can anyone help?

My overall plan is to put some fire in my 860 PA stage.

Thanks in advance.

Roger/K1TG

11995. Dual 90 degree drive -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-10 19:35:53 UTC
From: Mike Feher
Topic: 11995 Message: 11995
Attachments: 1 described; binary payloads are missing from this source WARC

I am sure I have some in the basement, but, finding any is another story. Would anyone have anything close to or similar to the dual Millen drive shown in the photo? It does not have to be a Millen and it does not have to be enclosed. It just needs to be a 1 to 1 dual 90 degree drive for my antenna tuner that I am playing with. Would be happy to buy or trade. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

11996. Re: [AWA Group] Info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-10 22:22:10 UTC
From: Roger Kuchera
Topic: 9796 Message: 11996

I read somewhere that not all transformers are insulated (?) to handle the voltage. I may be wrongon the reason. I can't recall now whether it ARRL or RSGB. If you can enlighten me on the issue,fire away. Your never too old to learn.
Roger/K1TG

On Thursday, December 10, 2015 2:27 PM, "'Leonard Meek' lemeek@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv4352864625 #yiv4352864625 .yiv4352864625ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv4352864625 div.yiv4352864625ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv4352864625 div.yiv4352864625photo-title a, #yiv4352864625 div.yiv4352864625photo-title a:active, #yiv4352864625 div.yiv4352864625photo-title a:hover, #yiv4352864625 div.yiv4352864625photo-title a:visited {text-decoration:none;}#yiv4352864625 div.yiv4352864625attach-table div.yiv4352864625attach-row {clear:both;}#yiv4352864625 div.yiv4352864625attach-table div.yiv4352864625attach-row div {float:left;}#yiv4352864625 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv4352864625 div.yiv4352864625ygrp-file {width:30px;}#yiv4352864625 div.yiv4352864625attach-table div.yiv4352864625attach-row div div a {text-decoration:none;}#yiv4352864625 div.yiv4352864625attach-table div.yiv4352864625attach-row div div span {font-weight:normal;}#yiv4352864625 div.yiv4352864625ygrp-file-title {font-weight:bold;}#yiv4352864625 --> ☐ #yiv4352864625 .yiv4352864625ygrp-photo-title {TEXT-ALIGN:center;WIDTH:75px;HEIGHT:15px;CLEAR:both;FONT-SIZE:smaller;OVERFLOW:hidden;}#yiv4352864625 DIV.yiv4352864625ygrp-photo {BORDER-BOTTOM:black 1px solid;BORDER-LEFT:black 1px solid;BACKGROUND-COLOR:white;WIDTH:62px;BACKGROUND-REPEAT:no-repeat;BACKGROUND-POSITION:center 50%;HEIGHT:62px;BORDER-TOP:black 1px solid;BORDER-RIGHT:black 1px solid;}#yiv4352864625 DIV.yiv4352864625photo-title A {TEXT-DECORATION:none;}#yiv4352864625 DIV.yiv4352864625photo-title A:active {TEXT-DECORATION:none;}#yiv4352864625 DIV.yiv4352864625photo-title A:hover {TEXT-DECORATION:none;}#yiv4352864625 DIV.yiv4352864625photo-title A:visited {TEXT-DECORATION:none;}#yiv4352864625 DIV.yiv4352864625attach-table DIV.yiv4352864625attach-row {CLEAR:both;}#yiv4352864625 DIV.yiv4352864625attach-table DIV.yiv4352864625attach-row DIV {FLOAT:left;}#yiv4352864625 P {PADDING-BOTTOM:3px;PADDING-LEFT:0px;PADDING-RIGHT:0px;CLEAR:both;OVERFLOW:hidden;PADDING-TOP:15px;}#yiv4352864625 DIV.yiv4352864625ygrp-file {WIDTH:30px;}#yiv4352864625 DIV.yiv4352864625attach-table DIV.yiv4352864625attach-row DIV DIV A {TEXT-DECORATION:none;}#yiv4352864625 DIV.yiv4352864625attach-table DIV.yiv4352864625attach-row DIV DIV SPAN {FONT-WEIGHT:normal;}#yiv4352864625 DIV.yiv4352864625ygrp-file-title {FONT-WEIGHT:bold;}

How about contacting GE directly. I've gotten info that way before. It doesn't always work though. I haven't had much luck with Hickok. Leonard
----- Original Message ----- From: mailto:rwkuchera@snet.net%20[AWAGroup] To: yahoogroups
Sent: Thursday, December 10, 2015 8:41 AM Subject: [AWA Group] Info needed
Gentlemen, I am trying to find out some information on a particular General Electric transformer. Not so much it's specifications as they are marked on the transformer itself. It's an oldie. The markings are:
  General Electric CG-301110
    612-593-0-593-612 .213A .204A .204A .213A
  The primary can be used for 220 or 110 VAC.
My concern/question would be to find out if it can be used with a bridge rectifier and

capacitive input filter.
     Looking around the net got me no where. Can anyone help?
     My overall plan is to put some fire in my 860 PA stage.
    Thanks in advance.
Roger/K1TG

11997. Re: [AWA Group] Info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-10 22:29:23 UTC
From: N1BUG
Topic: 9796 Message: 11997

I'm no expert but it seems I do recall reading something like that somewhere. I once had a transformer that had printed on it "Use choke input filter ONLY". I used it with a modern capacitor-only filter and it self destructed...

I suspect the vast majority of transformers don't care.

Paul

On 12/10/2015 05:22 PM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:

I read somewhere that not all transformers are insulated (?) to handle the voltage. I may be wrong

on the reason. I can't recall now whether it ARRL or RSGB. If you can enlighten me on the issue,

fire away. Your never too old to learn.

Roger/K1TG

11998. RE: [AWA Group] Info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-10 22:30:14 UTC
From: Mike Feher
Topic: 9796 Message: 11998

Roger –

What are the secondaries rated for? BTW, I never paid attention to that wives tale, and I never had a problem either. Even most simple insulation will usually stand up to a couple of thousand volts. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, December 10, 2015 5:22 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Info needed

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on the reason. I can't recall now whether it ARRL or RSGB. If you can enlighten me on the issue,

fire away. Your never too old to learn.

Roger/K1TG

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☐

How about contacting GE directly. I've gotten info that way before. It doesn't always work though. I haven't had much luck with Hickok.

Leonard

----- Original Message -----

From: mailto:rwkuchera@...%20[AWAGroup]

To: yahoogroups <mailto:awagroup@yahoogroups.com>

Sent: Thursday, December 10, 2015 8:41 AM

Subject: [AWA Group] Info needed

Gentlemen,

I am trying to find out some information on a particular General Electric transformer. Not so much

it's specifications as they are marked on the transformer itself. It's an oldie. The markings are:

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.213A .204A .204A .213A

The primary can be used for 220 or 110 VAC.

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filter.

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My overall plan is to put some fire in my 860 PA stage.

Thanks in advance.

Roger/K1TG

11999. RE: [AWA Group] Info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-10 22:36:33 UTC
From: Mike Feher
Topic: 9796 Message: 11999

That seems like it was due to surge current rather than high voltage. Regardless of what it said, I bet the transformer already had an issue, like oxidized connections inside. Maybe for a certain application, for a certain output voltage, it was required to have a choke input. Also, it depends on the rectifiers if they can take the instant short of a cap input filter. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, December 10, 2015 5:29 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Info needed

I'm no expert but it seems I do recall reading something like that somewhere. I once had a transformer that had printed on it "Use choke input filter ONLY". I used it with a modern capacitor-only filter and it self destructed...

I suspect the vast majority of transformers don't care.

Paul

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on the reason. I can't recall now whether it ARRL or RSGB. If you can enlighten me on the issue,

fire away. Your never too old to learn.

Roger/K1TG

12000. Re: [AWA Group] Info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-10 22:41:32 UTC
From: Roger Kuchera
Topic: 9796 Message: 12000

The secondaries are rated as:
     1224 V. ct @ 213 mA and 1186 V. ct @ 204 mA
R.

On Thursday, December 10, 2015 5:36 PM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv4374297213 #yiv4374297213 -- #yiv4374297213 .yiv4374297213ygrp-photo-title{clear:both;
font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv4374297213
div.yiv4374297213ygrp-photo{background-position:center;background-repeat:no-repeat;backgro
und-color:white;border:1px solid black;height:62px;width:62px;}#yiv4374297213
div.yiv4374297213photo-title a, #yiv4374297213 div.yiv4374297213photo-title a:active,
#yiv4374297213 div.yiv4374297213photo-title a:hover, #yiv4374297213
div.yiv4374297213photo-title a:visited {text-decoration:none;}#yiv4374297213
div.yiv4374297213attach-table div.yiv4374297213attach-row {clear:both;}#yiv4374297213
div.yiv4374297213attach-table div.yiv4374297213attach-row div {float:left;}#yiv4374297213
p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv4374297213
div.yiv4374297213ygrp-file {width:30px;}#yiv4374297213 div.yiv4374297213attach-table
div.yiv4374297213attach-row div div a {text-decoration:none;}#yiv4374297213
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{font-weight:normal;}#yiv4374297213 div.yiv4374297213ygrp-file-title
{font-weight:bold;}#yiv4374297213 #yiv4374297213 #yiv4374297213 #yiv4374297213 --
_filtered #yiv4374297213 {font-family:Helvetica;panose-1:2 11 6 4 2 2 2 2 2 4;} _filtered
#yiv4374297213 {font-family:Wingdings;panose-1:5 0 0 0 0 0 0 0 0 0;} _filtered
#yiv4374297213 {panose-1:2 4 5 3 5 4 6 3 2 4;} _filtered #yiv4374297213
{font-family:Calibri;panose-1:2 15 5 2 2 2 4 3 2 4;} _filtered #yiv4374297213
{font-family:Tahoma;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv4374297213
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div.yiv4374297213MsoNormal
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a:visited, #yiv4374297213 span.yiv4374297213MsoHyperlinkFollowed
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span.yiv4374297213HTMLPreformattedChar {font-family:Consolas;}#yiv4374297213
p.yiv4374297213attach, #yiv4374297213 li.yiv4374297213attach, #yiv4374297213
div.yiv4374297213attach {margin-right:0in;margin-left:0in;font-size:9.0pt;}#yiv4374297213
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div.yiv4374297213bold
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div.yiv4374297213green
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div.yiv4374297213replbq {margin:3.0pt;font-size:12.0pt;}#yiv4374297213 p.yiv4374297213ad,
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div.yiv4374297213underline
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span.yiv4374297213yshortcuts {}#yiv4374297213 p.yiv4374297213ad1, #yiv4374297213
li.yiv4374297213ad1, #yiv4374297213 div.yiv4374297213ad1
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p.yiv4374297213underline1, #yiv4374297213 li.yiv4374297213underline1, #yiv4374297213
div.yiv4374297213underline1 {margin-right:0in;margin-left:0in;font-size:12.0pt;text-decora
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{color:#1F497D;}#yiv4374297213 .yiv4374297213MsoChpDefault {font-size:10.0pt;} _filtered
#yiv4374297213 {margin:1.0in 1.0in 1.0in 1.0in;}#yiv4374297213
div.yiv4374297213WordSection1 {}#yiv4374297213 _filtered #yiv4374297213 {} _filtered
#yiv4374297213 {font-family:Symbol;} _filtered #yiv4374297213 {} _filtered #yiv4374297213
{font-family:Wingdings;} _filtered #yiv4374297213 {font-family:Wingdings;} _filtered
#yiv4374297213 {font-family:Wingdings;} _filtered #yiv4374297213 {font-family:Wingdings;}
_filtered #yiv4374297213 {font-family:Wingdings;} _filtered #yiv4374297213
{font-family:Wingdings;} _filtered #yiv4374297213 {font-family:Wingdings;}#yiv4374297213
ol {margin-bottom:0in;}#yiv4374297213 ul {margin-bottom:0in;}#yiv4374297213

That seems like it was due to surge current rather than high voltage. Regardless of what it said, I bet the transformer already had an issue, like oxidized connections inside. Maybe for a certain application, for a certain output voltage, it was required to have a choke input. Also, it depends on the rectifiers if they can take the instant short of a cap input filter. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, December 10, 2015 5:29 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Info needed I'm no expert but it seems I do recall reading something like that somewhere. I once had a transformer that had printed on it "Use choke input filter ONLY". I used it with a modern capacitor-only filter and it self destructed...

I suspect the vast majority of transformers don't care.

Paul

On 12/10/2015 05:22 PM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:
I read somewhere that not all transformers are insulated (?) to handle the voltage. I may be wrongon the reason. I can't recall now whether it ARRL or RSGB. If you can enlighten me on the issue,fire away. Your never too old to learn. Roger/K1TG

12001. RE: [AWA Group] Info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-10 22:50:21 UTC
From: Mike Feher
Topic: 9796 Message: 12001

So, what would happen if you hooked it up to 220V, without a load? Would it break down? I bet the insulation in that sucker is more than adequate. I did work for a transformer company for a year in the mid 60’s and the only time we had a Hi-Pot failure was due to poor windings and never insulation. In other words a manufacturing problem. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, December 10, 2015 5:42 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Info needed

The secondaries are rated as:

1224 V. ct @ 213 mA and 1186 V. ct @ 204 mA

R.

On Thursday, December 10, 2015 5:36 PM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

That seems like it was due to surge current rather than high voltage. Regardless of what it said, I bet the transformer already had an issue, like oxidized connections inside. Maybe for a certain application, for a certain output voltage, it was required to have a choke input. Also, it depends on the rectifiers if they can take the instant short of a cap input filter. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, December 10, 2015 5:29 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Info needed

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I suspect the vast majority of transformers don't care.

Paul

On 12/10/2015 05:22 PM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:

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on the reason. I can't recall now whether it ARRL or RSGB. If you can enlighten me on the issue,

fire away. Your never too old to learn.

Roger/K1TG

12002. Re: [AWA Group] Info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-10 22:52:47 UTC
From: N1BUG
Topic: 9796 Message: 12002

I suspect you're right about the failure mode, as it seemed to develop shorted turns - audible hum/vibration and high current draw with no load on the secondary. It was a NOS sealed type. I suspect it was potted, though I made no attempt to rip or saw it open after failure. The rectifiers and everything else survived, just the transformer went bad after some weeks of fairly frequent use.

Paul

On 12/10/2015 05:36 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

That seems like it was due to surge current rather than high voltage. Regardless of what it said, I bet the transformer already had an issue, like oxidized connections inside. Maybe for a certain application, for a certain output voltage, it was required to have a choke input. Also, it depends on the rectifiers if they can take the instant short of a cap input filter. 73 – Mike

12003. RE: [AWA Group] Info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-10 23:01:30 UTC
From: Mike Feher
Topic: 9796 Message: 12003

Exactly. Shorted turns happen only due to either over heating or a manufacturing problem. Remember, there is very little HV difference between turns, or for that matter between consecutive layers. The only place insulation may matter is between the primary and the secondary layers, and as you all know from taking transformers apart, that arear is well insulated from each other. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, December 10, 2015 5:53 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Info needed

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12004. Re: [AWA Group] Info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-10 23:18:38 UTC
From: Leonard Meek
Topic: 9796 Message: 12004

I put inrush current limiters on all my power xfmrs. It helps to reduce the surge current on start up.

Leonard

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Thursday, December 10, 2015 12:36 PM
Subject: RE: [AWA Group] Info needed

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, December 10, 2015 5:29 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Info needed

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I suspect the vast majority of transformers don't care.

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fire away. Your never too old to learn.

Roger/K1TG

12005. RE: [AWA Group] Info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-11 01:09:44 UTC
From: Mike Feher
Topic: 9796 Message: 12005

That is probably not a bad idea at all Len. Although I believe the transformer Paul had a problem with probably already had some inherent problem. I only had a transformer problem once and it was due to my own stupidity. About 30 years ago I got into operating field day from home around midnight. So, by that time I was the new guy on the block and everyone wanted to work me. Well, I went about 3 hours straight and made about 300 contacts before all hell broke loose. It sounded like someone was firing a machine gun in my basement. My HT-33B linear blew its transformer. I loved that amp and it served me well for many years, at least 15 by that time. The problem, I stacked a bunch of big heavy books on top of the linear and forgot all about it. So, for that essentially continuous 3 hour operation there was essentially no air flow through the final PL-172 or the transformer. Talk about hot. The amp could barely be touched. I shut off the circuit breakers and went to bed. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, December 10, 2015 6:19 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Info needed

☐

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Leonard

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup] <mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: Thursday, December 10, 2015 12:36 PM

Subject: RE: [AWA Group] Info needed

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, December 10, 2015 5:29 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Info needed

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Roger/K1TG

12006. Re: [AWA Group] Info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-11 04:30:03 UTC
From: Leonard Meek
Topic: 9796 Message: 12006

I got the idea for the current limiter from Fred Ware (I think) It not only softens the start up, but also drops the voltage a couple of volts closer to what the old transformers were wound for. So far, I haven't had a problem with overheating, but in the winter time the clouds settle down over the house and come in through the windows. Everything gets damp and sticky, and HV stuff starts arcing & shorting. Sometimes I can't get my computer monitor to light up until I blow some hot air into it with my heat gun.

Leonard
----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Thursday, December 10, 2015 3:09 PM
Subject: RE: [AWA Group] Info needed

That is probably not a bad idea at all Len. Although I believe the transformer Paul had a problem with probably already had some inherent problem. I only had a transformer problem once and it was due to my own stupidity. About 30 years ago I got into operating field day from home around midnight. So, by that time I was the new guy on the block and everyone wanted to work me. Well, I went about 3 hours straight and made about 300 contacts before all hell broke loose. It sounded like someone was firing a machine gun in my basement. My HT-33B linear blew its transformer. I loved that amp and it served me well for many years, at least 15 by that time. The problem, I stacked a bunch of big heavy books on top of the linear and forgot all about it. So, for that essentially continuous 3 hour operation there was essentially no air flow through the final PL-172 or the transformer. Talk about hot. The amp could barely be touched. I shut off the circuit breakers and went to bed. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, December 10, 2015 6:19 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Info needed

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Leonard

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From: 'Mike Feher' n4fs@... [AWAGroup]

To: AWAGroup@yahoogroups.com

Sent: Thursday, December 10, 2015 12:36 PM

Subject: RE: [AWA Group] Info needed

That seems like it was due to surge current rather than high voltage. Regardless of what it said, I bet the transformer already had an issue, like oxidized connections inside. Maybe for a certain application, for a certain output voltage, it was required to have a choke input. Also, it depends on the rectifiers if they can take the instant short of a cap input filter. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

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Sent: Thursday, December 10, 2015 5:29 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Info needed

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I suspect the vast majority of transformers don't care.

Paul

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Roger/K1TG

12007. Transformer info addenda

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-11 18:28:21 UTC
From: Roger Kuchera
Topic: 12007 Message: 12007

Gentlemen, As I expected, I received a wealth of information re: my transformer. The capabilities of thetransformer are based on a complex set of parameters. A friend of mine in W7 land had thefollowing comment:
Well, it isn't rectifier that gives trouble, at least IMHO, it is the first capacitor. If that is "too large" (depends on the transformer) the peak voltages can get pretty "impressive".
I will be using 4 Aerovox (non-environment friendly) Pyranols rated at 10 uF/1500 V. in series-parallel as the input cap; followed by a 20 H. @ 300mA. choke; terminated with 500 uF/2500 V.The bleeder is a 25K/225 W. wirewound. All of this will hopefully keep things under control.Supplies of this caliber can get pretty ugly during the smoke and flame tests. I will be usinga Variac to bring it up initially.

I believe this transformer is a surplus item. When I cleaned off some of the crud, I found anumber of inspection stamps and an anchor with USN on it.

The upshot of this whole diatribe is; it should work OK.

Thus it should make my new 860 PA step and fetch it. :) :)

Thank you all for your help.

Roger/K1TG

12008. RE: [AWA Group] Transformer info addenda

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-11 18:59:54 UTC
From: Mike Feher
Topic: 12007 Message: 12008

This is a military/industrial transformer. Just think all the stuff we did with transformers out of discarded TV sets of the 50's without any problems. I kind of disagree with your friend in that a very large input capacitor will result in a very large peak voltage. It will first have to charge to create any voltage. That time constant will be dependent on a lot of variables in the circuit, but, with a very large first capacitor it may be lots of milliseconds. In the meantime it will result in a large peak inrush current. I suggested you try putting 220 on the 110 input, preferably with a variac since your main concern initially seemed to be HV breakdown. Regardless, it sounds like you feel comfortable now to go ahead anyway. I personally do not see the need for a 500 uf on the output of the filter choke. About 50 should be more than enough. Besides helping with the filtering action, the output capacitor also helps with the dynamic regulation. Keep us informed on how it goes. Unfortunately the power supply seems to get the least attention in almost any system as it is assumed to be the simplest sub-assembly. This is even true of military designs, and in the long run causes the most problems. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, December 11, 2015 1:28 PM
To: yahoogroups
Subject: [AWA Group] Transformer info addenda

Gentlemen,

As I expected, I received a wealth of information re: my transformer. The capabilities of the

transformer are based on a complex set of parameters. A friend of mine in W7 land had the

following comment:

Well, it isn't rectifier that gives trouble, at least IMHO, it is the first capacitor.
If that is "too large" (depends on the transformer) the peak voltages can get
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The bleeder is a 25K/225 W. wirewound. All of this will hopefully keep things under control.

Supplies of this caliber can get pretty ugly during the smoke and flame tests. I will be using

a Variac to bring it up initially.

I believe this transformer is a surplus item. When I cleaned off some of the crud, I found a

number of inspection stamps and an anchor with USN on it.

The upshot of this whole diatribe is; it should work OK.

Thus it should make my new 860 PA step and fetch it. :) :)

Thank you all for your help.

Roger/K1TG

12009. Re: [AWA Group] Transformer info addenda

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-11 19:25:54 UTC
From: Roger Kuchera
Topic: 12007 Message: 12009

TNX, Mike.
Roger/K1TG

On Friday, December 11, 2015 2:00 PM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv4347935433 #yiv4347935433 -- #yiv4347935433 .yiv4347935433ygrp-photo-title{clear:both;
font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv4347935433
div.yiv4347935433ygrp-photo{background-position:center;background-repeat:no-repeat;backgro
und-color:white;border:1px solid black;height:62px;width:62px;}#yiv4347935433
div.yiv4347935433photo-title a, #yiv4347935433 div.yiv4347935433photo-title a:active,
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div.yiv4347935433photo-title a:visited {text-decoration:none;}#yiv4347935433
div.yiv4347935433attach-table div.yiv4347935433attach-row {clear:both;}#yiv4347935433
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p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv4347935433
div.yiv4347935433ygrp-file {width:30px;}#yiv4347935433 div.yiv4347935433attach-table
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{font-family:Verdana;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv4347935433
{font-family:Consolas;panose-1:2 11 6 9 2 2 4 3 2 4;}#yiv4347935433 #yiv4347935433
p.yiv4347935433MsoNormal, #yiv4347935433 li.yiv4347935433MsoNormal, #yiv4347935433
div.yiv4347935433MsoNormal
{margin:0in;margin-bottom:.0001pt;font-size:12.0pt;}#yiv4347935433 a:link, #yiv4347935433
span.yiv4347935433MsoHyperlink {color:blue;text-decoration:underline;}#yiv4347935433
a:visited, #yiv4347935433 span.yiv4347935433MsoHyperlinkFollowed
{color:purple;text-decoration:underline;}#yiv4347935433 p
{margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv4347935433 code {}#yiv4347935433
pre {margin:0in;margin-bottom:.0001pt;font-size:10.0pt;}#yiv4347935433 tt {}#yiv4347935433
span.yiv4347935433cat {}#yiv4347935433 span.yiv4347935433ct {}#yiv4347935433
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ol {margin-bottom:0in;}#yiv4347935433 ul {margin-bottom:0in;}#yiv4347935433

This is a military/industrial transformer. Just think all the stuff we did with transformers out of discarded TV sets of the 50’s without any problems. I kind of disagree with your friend in that a very large input capacitor will result in a very large peak voltage. It will first have to charge to create any voltage. That time constant will be dependent on a lot of variables in the circuit, but, with a very large first capacitor it may be lots of milliseconds. In the meantime it will result in a large peak inrush current. I suggested you try putting 220 on the 110 input, preferably with a variac since your main concern initially seemed to be HV breakdown. Regardless, it sounds like you feel comfortable now to go ahead anyway. I personally do not see the need for a 500 uf on the output of the filter choke. About 50 should be more than enough. Besides helping with the filtering action, the output capacitor also helps with the dynamic regulation. Keep us informed on how it goes. Unfortunately the power supply seems to get the least attention in almost any system as it is assumed to be the simplest sub-assembly. This is even true of military designs, and in the long run causes the most problems. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, December 11, 2015 1:28 PM
To: yahoogroups
Subject: [AWA Group] Transformer info addenda Gentlemen, As I expected, I received a wealth of information re: my transformer. The capabilities of thetransformer are based on a complex set of parameters. A friend of mine in W7 land had thefollowing comment: Well, it isn't rectifier that gives trouble, at least IMHO, it is the first capacitor.
If that is "too large" (depends on the transformer) the peak voltages can get

pretty "impressive". I will be using 4 Aerovox (non-environment friendly) Pyranols rated at 10 uF/1500 V. in series-parallel as the input cap; followed by a 20 H. @ 300mA. choke; terminated with 500 uF/2500 V.The bleeder is a 25K/225 W. wirewound. All of this will hopefully keep things under control.Supplies of this caliber can get pretty ugly during the smoke and flame tests. I will be usinga Variac to bring it up initially. I believe this transformer is a surplus item. When I cleaned off some of the crud, I found anumber of inspection stamps and an anchor with USN on it. The upshot of this whole diatribe is; it should work OK. Thus it should make my new 860 PA step and fetch it. :) :)
Thank you all for your help. Roger/K1TG

12010. Re: [AWA Group] W0CWU SK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-12 16:10:15 UTC
From: Ron Barlow
Topic: 11890 Message: 12010

I am saddened to learn that W0CWU has become an SK. His fb "29" signal will be missed.RIP Russ.

de Ron n4gjv

12011. Tonite 29 ers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-12 16:20:19 UTC
From: dulmagedon@...
Topic: 12011 Message: 12011

I have fixed the problem I had with my 80M rig last weekend and tested it with Jamie-- - - VM in Windham NY. I should be good to go. Apologies to all who tried that I didn't hear. Hopefully we can log a few of you this weekend. I am going to try and stay up past midnite so I can pop in the bigger tube and put some legs on it. I am easily flustered now on Cw so be gentle.
donVE3LYX

12012. Re: [AWA Group] Transformer info addenda

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-12 17:08:22 UTC
From: Ron Barlow
Topic: 12007 Message: 12012

Hi Roger et all, I believe that there are 2 issues involved with your plans. #1 is that some xfmrs reputedly may not be insulated to withstand the voltage, at the secondary winding center tap, that will be present, when a bridge rectification scheme is used. The center tap is normally at chassis ground potential, in the xfmrs' intended application, but will have a significant amount of voltage, on it, when connected to a bridge rectifier. The 2nd issue involves the much higher peak CURRENT (not voltage) that will flow, not only during initial power application, but during each and every 1/2 cycle of the rectified AC waveform. In a choke input type filter application, the rectified current flow is relatively evenly dispersed over the half cycle of applied voltage, whereas the current flow, in a cap input system, is sharply spiked, and most of the current flow occurs at the very peak of the voltage waveform (use Google for a better/more complete explanation). The high peak current inherent with a cap input filter causes increased xfmr heating (and probably core saturation), and prevents one from extracting the power handling capabilities of the xfmr, as well as a choke input set-up would. Thus, some derating would be in order, when a cap input filter is used, if the xfmr is to survive. I believe that 5 mfd, on each side of the choke, would be quite adequate (2 of 10 mfd in series). IMHO, the use of a 250 mfd output cap. is a recipe for problems. GL with ur interesting project & 73 de Ron n4gjv PS: All of this not withstanding, I used a lash up of 4 series connected ex TV power xfmrs, and a voltage doubler rectification scheme, to provide ~ 2.2 KV to my 4CX250 VHF power amps, a few years ago. The insulation, in these xfmrs was not designed to handle that much voltage! So, nothing ventured, nothing gained applies, if the xfmr can be considered as expendable! I hope that some of this sleep deprived babbling makes some sense!

On Friday, December 11, 2015 2:26 PM, "Roger Kuchera rwkuchera@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

TNX, Mike.
Roger/K1TG

On Friday, December 11, 2015 2:00 PM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

This is a military/industrial transformer. Just think all the stuff we did with transformers out of discarded TV sets of the 50’s without any problems. I kind of disagree with your friend in that a very large input capacitor will result in a very large peak voltage. It will first have to charge to create any voltage. That time constant will be dependent on a lot of variables in the circuit, but, with a very large first capacitor it may be lots of milliseconds. In the meantime it will result in a large peak inrush current. I suggested you try putting 220 on the 110 input, preferably with a variac since your main concern initially seemed to be HV breakdown. Regardless, it sounds like you feel comfortable now to go ahead anyway. I personally do not see the need for a 500 uf on the output of the filter choke. About 50 should be more than enough. Besides helping with the filtering action, the output capacitor also helps with the dynamic regulation. Keep us informed on how it goes. Unfortunately the power supply seems to get the least attention in

almost any system as it is assumed to be the simplest sub-assembly. This is even true of military designs, and in the long run causes the most problems. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, December 11, 2015 1:28 PM
To: yahoogroups
Subject: [AWA Group] Transformer info addenda Gentlemen, As I expected, I received a wealth of information re: my transformer. The capabilities of thetransformer are based on a complex set of parameters. A friend of mine in W7 land had thefollowing comment: Well, it isn't rectifier that gives trouble, at least IMHO, it is the first capacitor.
If that is "too large" (depends on the transformer) the peak voltages can get pretty "impressive". I will be using 4 Aerovox (non-environment friendly) Pyranols rated at 10 uF/1500 V. in series-parallel as the input cap; followed by a 20 H. @ 300mA. choke; terminated with 500 uF/2500 V.The bleeder is a 25K/225 W. wirewound. All of this will hopefully keep things under control.Supplies of this caliber can get pretty ugly during the smoke and flame tests. I will be usinga Variac to bring it up initially. I believe this transformer is a surplus item. When I cleaned off some of the crud, I found anumber of inspection stamps and an anchor with USN on it. The upshot of this whole diatribe is; it should work OK. Thus it should make my new 860 PA step and fetch it. :) :)
Thank you all for your help. Roger/K1TG

12013. BK 160m Ops

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-12 18:08:21 UTC
From: Steve
Topic: 12007 Message: 12013

Just a reminder for tonight's 160m operations. Consensus was to meet at 0400Z on the very low end of the band (~1805) for a short session and see who is about rather than just hit 160m at random.

Let's hope that prop is better tonight than it has been of late.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

12014. Re: [AWA Group] Tonite 29 ers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-12 18:26:08 UTC
From: Larry Szendrei
Topic: 12011 Message: 12014

On 12/12/15 11:20 AM, dulmagedon@... [AWAGroup] wrote:
>
> I have fixed the problem I had with my 80M rig last weekend and tested
> it with Jamie-- - - VM in Windham NY.
>

Jame KF2VM? Good guy! I've never talked to him on CW, only AM. Our paths
used to cross at the hamfests and I jammed (music) with him once.
Haven't seen or talked to him for many years!

> I should be good to go. Apologies to all who tried that I didn't hear.
> Hopefully we can log a few of you this weekend. I am going to try and
> stay up past midnite so I can pop in the bigger tube and put some legs
> on it. I am easily flustered now on Cw so be gentle.
>
Hope to log you this weekend on 80M as well as 40M, Don!

73,
-Larry/NE1S

12015. Re: [AWA Group] Transformer info addenda

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-12 19:40:21 UTC
From: Roger Kuchera
Topic: 12007 Message: 12015

Hi Mike I appreciate your input, Thanks! I realize that with a capacitive-input filter the voltage stress is greaterthan inductive. I need the voltage to make my 860 sing for it's supper. Actually, I would have preferreda single or double L filter. I have a 5/25 H. @300 mA swinging choke to use on the input side. With adouble L, the voltage drop would be too much and estimate the output to be only 1KV. The 860 seemsto like a much higher B+. Maybe I should hunt up a different transformer. At the moment, nothing is castin concrete. Roger/K1TG

On Saturday, December 12, 2015 12:08 PM, "Ron Barlow imalowfer@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

12016. Re: [AWA Group] Tonite 29 ers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-12 20:12:20 UTC
From: dulmagedon@...
Topic: 12011 Message: 12016

Yup that's him. He is a pretty competent Cw operator. Said the chirp was a bit un-nerving but he would give it his best shot. I really appreciated it because I needed to know all was well. I didn't belabour the QSO and he wished me luck with the Hartley. Jammed? I am a fiddler myself (homebrew fiddles) and do a little pickin. What do you play, and Jamie?
donVE3LYX

12017. W2ICE/1 tonight

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-12 20:27:17 UTC
From: N1BUG
Topic: 12017 Message: 12017

I may be an hour or two late getting started, but I will be there this evening and most of tomorrow! It has been a busy day finishing up a tower installation. I've got a few chores to do at home and then will set up the rig. I will be on 160 at 0400 but will keep an ear on the band and will QSY there earlier if I hear any BK activity.

Paul

12018. Re: [AWA Group] Tonite 29 ers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-12 20:46:27 UTC
From: Larry Szendrei
Topic: 12011 Message: 12018

On 12/12/15 3:12 PM, dulmagedon@... [AWAGroup] wrote:
>
> Yup that's him. He is a pretty competent Cw operator. Said the chirp
> was a bit un-nerving but he would give it his best shot. I really
> appreciated it because I needed to know all was well. I didn't
> belabour the QSO and he wished me luck with the Hartley. Jammed? I am
> a fiddler myself (homebrew fiddles) and do a little pickin. What do
> you play, and Jamie?
>
I play electric base - mostly blues, soul, and classic rock.

Jamie is a keyboard player and also does some guitar - mostly rock.

-Larry

12019. Listen for me if you will!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-12 21:37:43 UTC
From: K3PID
Topic: 12019 Message: 12019

I think I have this TNT , 45 tube delivering almost 2 watts to my antenna..... I should be somewhere around 3565 ±

73 es TNX
Ron K3PID

12020. Re: [AWA Group] Listen for me if you will!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-12 22:12:13 UTC
From: Louis Vermond
Topic: 12019 Message: 12020

I think I have this TNT , 45 tube delivering almost 2 watts to my antenna..... I should be somewhere around 3565 ± Ron K3PID

Thank you, Ron. Congrats on the TNT Ether Fryer. Will be looking for you. GL, Lou VE3AWA

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12021. Re: [AWA Group] Listen for me if you will!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-12 22:18:12 UTC
From: Steve
Topic: 12019 Message: 12021

will be watching for you as well Ron. I did manage NJ, ME and NC on 80m last weekend and condx were poor. Not sure what the band will give us tonight.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

12022. Re: [AWA Group] Tonite 29 ers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 00:31:14 UTC
From: dulmagedon@...
Topic: 12011 Message: 12022

The 80M isnt wonderful yet but I did hear some W8s a W2 and W3 but nothing BK . Hangin around 3550 + or_ 2.
donVE3LYX

12023. Re: [AWA Group] Tonite 29 ers - VE3LYX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 01:04:31 UTC
From: N1BUG
Topic: 12011 Message: 12023

Heard you in there Don but too much QRM from traffic handlers and ragchewers. Maybe later when they've gone to bed.

Paul

On 12/12/2015 07:31 PM, dulmagedon@... [AWAGroup] wrote:

The 80M isnt wonderful yet but I did hear some W8s a W2 and W3 but nothing BK . Hangin around 3550 + or_ 2.
donVE3LYX

12024. Well.....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 01:42:53 UTC
From: K3PID
Topic: 12024 Message: 12024

OK, Made two contacts before the contesters moved in. Something about WES? Then by 7:00 CST the static crashes were S8. I think I'll work on a little more power maybe a 210 instead of a single 45? Gives you a whole new appreciation for the Worked All States award...

73 es thanks for the help!
Ron K3PID

12025. Re: [AWA Group] Well.....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 01:51:25 UTC
From: Whitebear1122
Topic: 12024 Message: 12025

I'm was one of the lucky guys to work Ron You had a good signal over in MN. Yeah the CW nets start up on and off from now through 10 pm, and they just send on top of us. I worked two stations tonight, pretty slow. I missed W0VLZ although I called him several times. Heard and called K4LJH but didn't snag him either.

73, Scott WA9WFA

On Dec 12, 2015, at 7:42 PM, "'K3PID' ron.k3pid@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

>
>
> OK, Made two contacts before the contesters moved in. Something about WES? Then by 7:00 CST the static crashes were S8. I think I'll work on a little more power maybe a 210 instead of a single 45? Gives you a whole new appreciation for the Worked All States award...
>
> 73 es thanks for the help!
> Ron K3PID

12026. Re: [AWA Group] Well.....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 02:38:55 UTC
From: N1BUG
Topic: 12024 Message: 12026

Sorry I missed you Ron! It's always rough going for the first few hours with all the traffic nets and ragchewers about, but settles down after about 10 PM. Of course, AWA stations have thinned out by then too, but it is easier to work the ones that remain.

Congrats on getting your rig up and running!

73,
Paul, operating the special event station W2ICE/1

On 12/12/2015 08:42 PM, 'K3PID' ron.k3pid@... [AWAGroup] wrote:

OK, Made two contacts before the contesters moved in. Something about WES? Then by 7:00 CST the static crashes were S8. I think I'll work on a little more power maybe a 210 instead of a single 45? Gives you a whole new appreciation for the Worked All States award...

73 es thanks for the help!

Ron K3PID

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

12027. Re: [AWA Group] Well.....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 03:25:15 UTC
From: dulmagedon@...
Topic: 12024 Message: 12027

Something WES going on where I was so after awhile I went up where Ron was 3565 and hung around for a bit. Heard - -GMS and a couple of others but couldn't raise them. Taking a hot toddy break right now. Might even raid the fridge. Bought a new recording stick so it is running when I am in the shack. I am going to try and stick around 3565. Seems like a reasonable spot. Anyway, plan is to hang on till midnite then pop in the 45 tube and work perhaps for an hour. Here's hoping. Well if you heard me I should be OK if conditions improve.
donVE3LYX

12028. Worked W1ZB

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 04:28:26 UTC
From: Whitebear1122
Topic: 12028 Message: 12028

Just worked W1ZB in MA so I know the band is kind of open for me anyway. Propagation is terrible tonight. I barely heard the Minnesota stations and worked 4 stations tonight. Part of MY problem was that I didn't realize my SWR was high. Reflected was as high as Forward. Oops. I missed several stations due to that.

I plan to crank up the power at -0500 so I hope to work you.

I heard VE3AWA on and off over the evening so Lou was a regular. Heard W2ICE/1 for a while but signals were very low. Even Harold KB0ROB who is usually a big wheel was down in signal strength.

I hope to work a few more tonight.

73, Scott WA9WFA

12029. Hear You faintly Steve VE7SL

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 04:37:04 UTC
From: Whitebear1122
Topic: 12029 Message: 12029

Hear you faintly Steve out here in Minnesota. I still hear Lou VE3AWA calling CQ so I know the band is kind of open. Where is everyone I wonder. 73, Scott WA9WFA

12030. Re: [AWA Group] Worked W1ZB

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 04:53:28 UTC
From: Steve
Topic: 12028 Message: 12030

> 73, Scott WA9WFA

heard you about 339 thirty minutes ago Scott and whispers from W1ZB. Did manage to work Lou but condx are terrible, terrible, terrible.

Can't catch a break, two years running now...

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

12031. Re: [AWA Group] Hear You faintly Steve VE7SL

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 04:55:40 UTC
From: Steve
Topic: 12029 Message: 12031

>Where is everyone I wonder. 73, Scott WA9WFA

KK7UV and I were asking the same thing last weekend. Perhaps BK activity is just way down from normal...surely it's not just condx?

My usual 6 or 7 MN stations (always dominating the band) are AWOL, with just three in the log and they were a struggle.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

12032. Re: [AWA Group] Well.....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 05:43:58 UTC
From: dulmagedon@...
Topic: 12024 Message: 12032

I actually came up dry tonite. Conditions were terrible. I could hear Lou but couldn't seem to make it though. Thought I had after the midnite power uppage and so I sent all my info just in case. Heard two W0s Both W0lsomething I think. I am turning in for the night. If I wake up early (5 or so) I will go back on 3565. I suppose I will have to go back to the light tube when the sun comes up. What is the rule? Anyway, it wouldn't matter tonight. Before I shut down I went up on 40m with the big 44 watt 211A hartley, not AWA but just calling a plain CQ. I came up dry as well and that rig usually gets an answer.
GN all
donVe3LYX

12033. Well.....Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 05:47:52 UTC
From: Louis Vermond
Topic: 12033 Message: 12033

GN Don. Maybe we'll work Sunday afternoon... 73, Lou

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-12-13 12:43 AM
Subject: Re: [AWA Group] Well.....

I actually came up dry tonite. Conditions were terrible. I could hear Lou but couldn't seem to make it though. Thought I had after the midnite power uppage and so I sent all my info just in case. Heard two W0s Both W0lsomething I think. I am turning in for the night. If I wake up early (5 or so) I will go back on 3565. I suppose I will have to go back to the light tube when the sun comes up. What is the rule? Anyway, it wouldn't matter tonight. Before I shut down I went up on 40m with the big 44 watt 211A hartley, not AWA but just calling a plain CQ. I came up dry as well and that rig usually gets an answer.
GN all
donVe3LYX

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https://www.avast.com/antivirus

12034. Lou

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 05:57:10 UTC
From: Whitebear1122
Topic: 12033 Message: 12034

Lou, I heard you several times tonight with a nice signal from ONT. I wonder where everyone was. I just heard N2OUV. 73 ,Scott WA9WFA

12035. Morning Ops

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 10:57:19 UTC
From: dulmagedon@...
Topic: 12035 Message: 12035

Went on this morning for 1/2 hour . Couldn't hear anybody of our ILK listening around on 80M. Could find the carriers for OMRN but will leave that for next weekend. Going to make some pancakes , hav a coffee and try again. Probably 630. trying around that same spot 3565kcs
don VE3LYX.
When do I have to go back to low power? 10W or less. I am running about 16W right now, since midnite.

12036. Re: [AWA Group] Morning Ops

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 11:02:01 UTC
From: N1BUG
Topic: 12035 Message: 12036

Don I am awake but not yet functional. If I can get my eyelids to stay up and my concrete arm to move, I will try to work you this morning! The rules say we can run 2-W from midnight to 8 AM EST (1300Z).

Paul (W2ICE/1)

On 12/13/2015 05:57 AM, dulmagedon@... [AWAGroup] wrote:

Went on this morning for 1/2 hour . Couldn't hear anybody of our ILK listening around on 80M. Could find the carriers for OMRN but will leave that for next weekend. Going to make some pancakes , hav a coffee and try again. Probably 630. trying around that same spot 3565kcs
don VE3LYX.
When do I have to go back to low power? 10W or less. I am running about 16W right now, since midnite.

12037. Re: [AWA Group] Morning Ops

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 11:04:37 UTC
From: N1BUG
Topic: 12035 Message: 12037

See what I mean about the arm? That's 20 watts, as in twenty...

Paul

On 12/13/2015 06:02 AM, N1BUG paul@... [AWAGroup] wrote:

Don I am awake but not yet functional. If I can get my eyelids to stay up and my concrete arm to move, I will try to work you this morning! The rules say we can run 2-W from midnight to 8 AM EST (1300Z).

Paul (W2ICE/1)

On 12/13/2015 05:57 AM, dulmagedon@... [AWAGroup] wrote:

Went on this morning for 1/2 hour . Couldn't hear anybody of our ILK listening around on 80M. Could find the carriers for OMRN but will leave that for next weekend. Going to make some pancakes , hav a coffee and try again. Probably 630. trying around that same spot 3565kcs
don VE3LYX.
When do I have to go back to low power? 10W or less. I am running about 16W right now, since midnite.

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

12038. Re: [AWA Group] Morning Ops

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 11:36:39 UTC
From: Don Dulmage
Topic: 12035 Message: 12038

I knew what U meant. I have been fed and watered and will be back down in the Vintage shack about 10mins to 7. meanwhile I will turn a monitor RX on up here .
donVE3LYX

On Sun, 12/13/15, N1BUG paul@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Morning Ops
To: AWAGroup@yahoogroups.com
Received: Sunday, December 13, 2015, 6:04 AM

See what I mean about
the arm?
That's 20 watts, as in twenty...

Paul

On 12/13/2015 06:02 AM,
N1BUG
paul@...
[AWAGroup] wrote:

Don I am awake but
not yet functional. If I can
get my eyelids to stay up and my concrete arm to
move, I will
try to work you this morning! The rules say we can
run 2-W
from midnight to 8 AM EST (1300Z).

Paul (W2ICE/1)

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12/13/2015 05:57 AM, dulmagedon@...
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don VE3LYX.

When do I have to go back to low power? 10W or less. I am
running about 16W right now, since
midnite.

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

12039. Re: [AWA Group] Hear You faintly Steve VE7SL

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 12:27:13 UTC
From: George
Topic: 12029 Message: 12039

VE7SL on 3569 gud copy in PA
Tnx Steve!
George N3GJ

> On Dec 12, 2015, at 11:55 PM, 'Steve' ve7sl@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> >Where is everyone I wonder. 73, Scott WA9WFA
>
> KK7UV and I were asking the same thing last weekend. Perhaps BK activity is
> just way down from normal...surely it's not just condx?
>
> My usual 6 or 7 MN stations (always dominating the band) are AWOL, with just
> three in the log and they were a struggle.
>
> Steve
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
> VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
> http://ve7sl.blogspot.ca/
>
>

12040. Re: [AWA Group] Listen for me if you will!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 12:35:34 UTC
From: Larry Szendrei
Topic: 12019 Message: 12040

On 12/12/15 4:37 PM, 'K3PID' ron.k3pid@... [AWAGroup] wrote:
>
> I think I have this TNT , 45 tube delivering almost 2 watts to my
> antenna..... I should be somewhere around 3565 ?
> That's about right__

That sounds about right, Ron. I didn't hear you last night, but my operation was pretty spotty - lots of distractions, and I was pretty tired from a full day.

12041. Re: [AWA Group] Morning Ops

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 13:32:14 UTC
From: dulmagedon@...
Topic: 12035 Message: 12041
Attachments: 1 described; binary payloads are missing from this source WARC

This is the only rig I am running this weekend. Just switched back to Low power at the top of the hour but before 8 managed to snag two. Band opened up for about 12 minutes then shut down but I had my info and QSL.
This rig is a Hartley and I run with a 45 tube or a 01A. It makes just under 7 w with the 01A and just over 16 W with the 45. This particular 45 draws heavy current to I am going to keep it in a safe place. I don't know what is wrong with it but i like it! The base is a Rat Trap which the company assures me is unchanged in design since the 1880s so it is period correct. The Key is a mouse trap of the same design reworked to function as a key. The rig works pretty hard on the 45 but it does the job well. Also does another mode well but we will save that for another QSO party. Taking a break. Will be back on this afternoon. When the band is open it sure is fun!
donVE3LYX

12042. Re: [AWA Group] Morning Ops

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 13:40:17 UTC
From: dulmagedon@...
Topic: 12035 Message: 12042

I mis spoke. Input figures Not output. I should be so lucky
donVE3LYX

12043. 29 rig tone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 14:23:23 UTC
From: Doug Forbes
Topic: 11882 Message: 12043

All four of my 1929 transmitters sound as if they have 60 Hz modulating the CW note monitored on local receivers. The power supply is regulated and I have tried DC on the filaments with no change. The ripple on the HV is less than 1VP-P. I have run them with no antenna so minimum loading and while the hum is less, it's still there. I notice also that the few stations I heard or worked had at least some of the same problem.

Ideas for Remedies ?

--
Doug Forbes WA6VYN

12044. RE: [AWA Group] 29 rig tone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 15:01:08 UTC
From: Steve Flood
Topic: 11882 Message: 12044

Hi Doug,

I sure was looking hard for you last night and this morning in the BK but no luck.

I had the same issue recently but my problem was the AC filament pair sharing the same cable bundle as my HV pair. Separating them reduced the AC hum modulation quite a bit. With your filament running DC, I might suspect whatever ripple is left on HV line might be enough to modulate it. Otherwise, VE7SL suggested that if your monitoring your signal with a speaker, perhaps there's some shock-modulation going on with your tank coil.

Steve, KK7UV

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https://www.avast.com/antivirus

12045. Re: [AWA Group] 29 rig tone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 16:14:33 UTC
From: Ron Barlow
Topic: 11882 Message: 12045

Hi Doug, The hum that you are hearing may be a local phenomena caused by RF reaching the various power supply rectifier diodes. These diodes become "mixers", imposing 60 hz sidebands on the RF signal, before the latter is re-radiated by the power supply wiring. The addition of a .01 mfd ceramic cap across each and every one of these diodes usually effects a cure. A distant station will not hear this modulated sig, due to the relatively poor transmitting "antenna" (the power supply wiring), but your local signal can sound horrible. It can be absolutely maddening! A similar situation can happen with a receiver, when the conversion LO signal or the RF from an oscillating regen detector reaches the power supply rectifiers. Note that the diodes need not be part of the transmitter or receiver itself, but could be a part of some piece of other nearby equipment. I try to remember to add a .01 cap across all rectifier diodes and zener diodes as a precaution, to avoid this issue. 73 & GL de Ron n4gjv

On Sunday, December 13, 2015 10:01 AM, "'Steve Flood' kk7uv@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Hi Doug, I sure was looking hard for you last night and this morning in the BK but no luck. I had the same issue recently but my problem was the AC filament pair sharing the same cable bundle as my HV pair. Separating them reduced the AC hum modulation quite a bit. With your filament running DC, I might suspect whatever ripple is left on HV line might be enough to modulate it. Otherwise, VE7SL suggested that if your monitoring your signal with a speaker, perhaps there’s some shock-modulation going on with your tank coil.
Steve, KK7UV

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www.avast.com |

12046. Re: [AWA Group] Morning Ops [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 17:09:29 UTC
From: Louis Vermond
Topic: 12046 Message: 12046

The base is a Rat Trap which the company assures me is unchanged in design since the 1880s so it is period correct. Love it!

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https://www.avast.com/antivirus

12047. Operating Position at K3PID

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 17:15:10 UTC
From: K3PID
Topic: 12047 Message: 12047
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

12048. Re: [AWA Group] Operating Position at K3PID [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 17:26:57 UTC
From: Larry Szendrei
Topic: 12047 Message: 12048

Cool Hartley and power supply. I also spotted the Central Electronics 20A. I have 3 of those: One clean and stock, one nasty and hot-rodded to make a 100W rig which Mike and Lou have heard (12BY7 grounded-cathode RF driver and a pair of 7894s in the PA with about 650V on them), and another nasty one which is a parts source.

73,
-Larry/NE1S

12049. Re: [AWA Group] Operating Position at K3PID [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 17:28:21 UTC
From: Larry Szendrei
Topic: 12047 Message: 12049

I meant TNT, not Hartley.

On 12/13/15 12:26 PM, Larry Szendrei wrote:
> Cool Hartley and power supply. I also spotted the Central Electronics
> 20A. I have 3 of those: One clean and stock, one nasty and hot-rodded
> to make a 100W rig which Mike and Lou have heard (12BY7
> grounded-cathode RF driver and a pair of 7894s in the PA with about
> 650V on them), and another nasty one which is a parts source.
>
> 73,
> -Larry/NE1S

12050. Operating Position at K3PID

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 17:48:26 UTC
From: Louis Vermond
Topic: 12047 Message: 12050

Good work, Don. Tks for sending the pic.

I'll be on 80 between 5 & 6 this afternoon. Hoping to work you then.

73, Lou
VE3AWA

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https://www.avast.com/antivirus

12051. Re: [AWA Group] Hear You faintly Steve VE7SL

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 18:35:59 UTC
From: Steve
Topic: 12029 Message: 12051

Tnx George...you had a great signal on 80m a few minutes after I finished
with you. Also caught W2LB on the same peak....maybe sunrise there?

Steve

VE7SL on 3569 gud copy in PA
Tnx Steve!
George N3GJ

> On Dec 12, 2015, at 11:55 PM, 'Steve' ve7sl@... [AWAGroup]
> <AWAGroup@yahoogroups.com> wrote:
>
> >Where is everyone I wonder. 73, Scott WA9WFA
>
> KK7UV and I were asking the same thing last weekend. Perhaps BK activity
> is
> just way down from normal...surely it's not just condx?
>
> My usual 6 or 7 MN stations (always dominating the band) are AWOL, with
> just
> three in the log and they were a struggle.
>
> Steve
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
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> Nanowaves":
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12052. Re: [AWA Group] 29 rig tone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 18:41:42 UTC
From: Steve
Topic: 11882 Message: 12052

Doug - would you like to have a try this afternoon, say around 2230 on 7105 +/- a couple?

>The ripple on the HV is less than 1VP-P. > > Ideas for Remedies ?

I was able to reduce this AC modulation quite a bit on my new MOPA. I added another .01 disc ceramic right at the Fahnestock clips across the B+. I was surprised that it made a difference. As well, I wrapped both the keying leads and the B+ through large #43 ferrite cores. Both measures helped considerably.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

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12053. Re: [AWA Group] 29 rig tone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 19:24:04 UTC
From: Don Dulmage
Topic: 11882 Message: 12053

I asked a similar question a few weeks back and got no answers or replys. So I have been working hard on the problem. Rons tips are excellant. By pass everything I found to help huge. I stopped using power chokes, in fact removed them from supplies I had them in. I install a small ohmagehi wattage resistor at the beginning of the rectifier chain. I run perhaps one more set of diodes in series then technically called for as I dont want any to be near their max operation voltage.. And I have on a few sets installed an extra filter cap or caps with series resistors right at the set itsself. Is it perfect? No but it is a lot better then before I did this. More and more I think solid state rectifier supplies have issues tube rectifier supplies don't have. Do everything that has been suggested and if you find a magic bullet I for one will be most interested.
donVE3LYX

On Sun, 12/13/15, 'Steve' ve7sl@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] 29 rig tone
To: AWAGroup@yahoogroups.com
Cc: "Doug Forbes" <dougforbes@...>
Received: Sunday, December 13, 2015, 1:41 PM

Doug - would you like to
have a try this afternoon, say around 2230 on 7105
+/- a couple?

>The ripple on the HV is less than 1VP-P.
> > Ideas for Remedies ?

I was able to reduce this AC modulation quite a
bit on my new MOPA. I added
another .01
disc ceramic right at the Fahnestock clips across the B+. I
was
surprised that it made a difference. As
well, I wrapped both the keying
leads and
the B+ through large #43 ferrite cores. Both measures helped

considerably.

Steve

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Yahoo Groups Links

Traditional

(Yahoo! ID required)

AWAGroup-fullfeatured@yahoogroups.com

12054. Re: [AWA Group] Hear You faintly Steve VE7SL

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 20:03:58 UTC
From: George
Topic: 12029 Message: 12054

Hi Steve,
Great, glad you were able to put a few eastern guys in the 80m log. Yep, the sun was just coming up here when we worked.
Tnx for 40 and 80 this year!
Geo

> On Dec 13, 2015, at 1:35 PM, 'Steve' ve7sl@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> Tnx George...you had a great signal on 80m a few minutes after I finished
> with you. Also caught W2LB on the same peak....maybe sunrise there?
>
> Steve
>
> VE7SL on 3569 gud copy in PA
> Tnx Steve!
> George N3GJ
>
> > On Dec 12, 2015, at 11:55 PM, 'Steve' ve7sl@... [AWAGroup]
> > <AWAGroup@yahoogroups.com> wrote:
> >
> > >Where is everyone I wonder. 73, Scott WA9WFA
> >
> > KK7UV and I were asking the same thing last weekend. Perhaps BK activity
> > is
> > just way down from normal...surely it's not just condx?
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> > My usual 6 or 7 MN stations (always dominating the band) are AWOL, with
> > just
> > three in the log and they were a struggle.
> >
> > Steve
> >
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> http://ve7sl.blogspot.ca/

>
>

12055. Re: [AWA Group] Morning Ops [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 21:44:35 UTC
From: dulmagedon@...
Topic: 12046 Message: 12055

Paul, You caught me napping. Took me a couple of minutes to clear the fog. Glad I did.
Thanks
donVE3LYX

12056. Re: [AWA Group] Morning Ops

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 21:54:43 UTC
From: N1BUG
Topic: 12046 Message: 12056

No problem Don, glad we made it! I had some crud creeping up and down the band. It landed on you just as you were turning it over to me a couple of times but when you were not under that you were good copy. Thanks for your patience, you are a good operator.

73,
Paul

On 12/13/2015 04:44 PM, dulmagedon@... [AWAGroup] wrote:

Paul, You caught me napping. Took me a couple of minutes to clear the fog. Glad I did.
Thanks
donVE3LYX

12057. Re: [AWA Group] 29 rig tone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 21:55:49 UTC
From: Larry Szendrei
Topic: 11882 Message: 12057

On 12/13/15 1:41 PM, 'Steve' ve7sl@... [AWAGroup] wrote:
> I wrapped both the keying
> leads and the B+ through large #43 ferrite cores.
Steve, how non-1929ish. ;-)

-'1S

12058. 29 QSO Party Video

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 22:49:49 UTC
From: William Props
Topic: 12058 Message: 12058

Got some video of a QSO last night on 80M.

https://www.youtube.com/watch?v=tEmfygHnQ3I

I didn't stay on too long but conditions on 80 seemed to be OK here in VA.

Chris
KJ4RGH

12059. W8AU/TNT de VE3AWA/TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 23:19:55 UTC
From: Louis Vermond
Topic: 12059 Message: 12059

TU Perry for the last Kelley QSO of 2015. We had a pipeline. You were bombing into St. Marys.

Agn, CU in '16.

Please send me photos of your original TNT.

73, Lou
VE3AWA

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https://www.avast.com/antivirus

12060. Re: [AWA Group] 29 rig tone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 23:38:09 UTC
From: Steve
Topic: 11882 Message: 12060

>> leads and the B+ through large #43 ferrite cores

> Steve, how non-1929ish. ;-)

isn't it though...I guess I should wear my hum modulation with
pride....George Grammer would be proud :-)

Steve

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VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

12061. BK de W2ICE/1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-13 23:54:47 UTC
From: N1BUG
Topic: 12061 Message: 12061

I had a lot of fun operating the special event station but I am concerned that I let some people down. In my excitement to accept this great honor I failed to consider how tired I am after the events of the last several months or the strain on an arm that had preexisting issues. I had to take more and longer breaks than usual, and my operating wasn't as sharp as it should be. I need to count again but believe I ended up with 65 valid BK QSOs plus three modern stations in the log. This is lower than my usual count. My apologies to anyone I missed.

Conditions seemed good the first weekend but some of the regulars were not heard here. The second weekend didn't seem as good. I didn't hear any 7s or VE7s the second weekend with one exception. I only managed four QSOs on 160 meters. Nothing beyond Minnesota, though I did hear KK7UV on 160.

It wasn't until Sunday morning the second weekend that I realized I was getting on frequency the hard way! I had a method I had used previously, but had forgotten it! I use the control on the TNT for a coarse adjustment (naturally it has a very fast tuning rate) and then fine tune using the condenser on my OT antenna coupler. This works great, and since the sweet spot for power transfer is very broad there is no ill affect. Of course this method won't work after I build the next stage and the rig becomes a two board MOPA!

By next year I will have a keyer that can be used with the '29 rig. For me using a modern keyer will detract from the '29 spirit and experience somewhat, but better that than kill my arm operating I guess.

Meanwhile I am getting antsy to get the PA stage built. It has been too long on the drawing board. So has the receiver. Hopefully things are about to slow down here so I can get started on the PA.

Oldest rig worked: 1922
Lowest power worked: 2W

73,
Paul

12062. RE: [AWA Group] BK de W2ICE/1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-14 00:36:41 UTC
From: Steve Flood
Topic: 12061 Message: 12062

No apologies needed here Paul. Excellent showing!

-KK7UV

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12063. Re: [AWA Group] BK de W2ICE/1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-14 00:49:28 UTC
From: Whitebear1122
Topic: 12061 Message: 12063

Paul, you were awesome! Thanks so very much for taking the mantle this year and running W2ICE. 65 valid QSO's is far better than the 43 some I did last year as W2ICE/0. Thanks again. I briefly heard you this afternoon on 40m called a couple of times with no luck. 40 m seemed to have pockets of propagation. I'd hear an East Coast station, wait my turn, and they'd fade out before I could work them. I saw that several times. 73, Scott WA9WFA

On Dec 13, 2015, at 5:54 PM, "N1BUG paul@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

> I had a lot of fun operating the special event station but I am
> concerned that I let some people down. In my excitement to accept
> this great honor I failed to consider how tired I am after the
> events of the last several months or the strain on an arm that had
> preexisting issues. I had to take more and longer breaks than usual,
> and my operating wasn't as sharp as it should be. I need to count
> again but believe I ended up with 65 valid BK QSOs plus three modern
> stations in the log. This is lower than my usual count. My apologies
> to anyone I missed.
>

12064. Re: [AWA Group] BK de W2ICE/1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-14 00:55:54 UTC
From: Steve
Topic: 12061 Message: 12064

Considering conditions Paul, I would say you did an exceptional job! I heard you briefly on 80m this morning but nothing like in previous BK's. The hotspot for me seemed to be just a bit further south of you...NY,NJ, PA. I only heard one station on 160, KK7UV.

Go soak that arm!

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

12065. Re: Operating Position at K3PID

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-14 01:19:09 UTC
From: dulmagedon@...
Topic: 12047 Message: 12065

I was worried we were not going to make it then I heard you and waited till you signed. You were really strong here. I thought the rx would come off the shelf almost. That TNT has a nice sound to it. Thanks. I think we finished with roughly 7minutes to go. Glad it worked out. Is that the TNT that does phone as well? My Rat Trap does and quite well too. I would also like to work you CW with my 211A Hartley sometime when the dust settles.
The 199 tube for the new rig has been shipped he tells me so should be here in a day or so. They come from this side of the border (Nova Scotia). I am anxious to see if my Colpitts lash up will actually run. I never did a Colpitts before. Anyway although I am no competitor I really enjoyed the BK. Thanks to all who worked me or tried. I love running ""The Trap"
donVE3LYX

12066. Re: [AWA Group] BK de W2ICE/1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-14 13:36:26 UTC
From: Louis Vermond
Topic: 12061 Message: 12066

Oldest rig worked: 1922 ....WOW And who was that, Paul? Lou

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12067. Re: [AWA Group] BK de W2ICE/1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-14 13:55:41 UTC
From: N1BUG
Topic: 12061 Message: 12067

Oldest rig worked: 1922 ....WOW And who was that, Paul? Lou

Oops. Sorry, that wasn't clearly worded. I meant oldest in terms of design/publication, not actual age of the rig. Flip, flip flip (through the log)... Ah. WU2D, 22 Meissner, 80M. Lovely sound!

Paul

12068. Re: [AWA Group] BK de W2ICE/1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-14 14:04:10 UTC
From: Louis Vermond
Topic: 12061 Message: 12068

No, I understood. TKS Bugsy.

----- Original Message -----
From: N1BUG paul@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-12-14 8:55 AM
Subject: Re: [AWA Group] BK de W2ICE/1

Oldest rig worked: 1922 ....WOW And who was that, Paul? Lou

Oops. Sorry, that wasn't clearly worded. I meant oldest in terms of design/publication, not actual age of the rig. Flip, flip flip (through the log)... Ah. WU2D, 22 Meissner, 80M. Lovely sound!

Paul

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https://www.avast.com/antivirus

12069. 2015 BK Report de K4JYS

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-14 14:04:15 UTC
From: Bill Stewart
Topic: 12069 Message: 12069

Hello all BK'ers and interested readers,
This was my 13th consecutive BK...no bad luck and it's still a lot of fun.
The Hartley worked on 80 & 40m without a hitch, the '24 Meissner made
three QSO's on 160 and I used the TNT for over a dozen contacts on 80m.
So equipment wise..no problems. Band condx for the first weekend were
not too bad and made a goodly number of contacts. Forty, as usual, down
here, was trashy...lots of SSB and digital crap. And 80 meters was pretty good.
The second weekend, condx were not near as good. Had a lot of QRN and
band noise...not overly strong, but enough to make copying some of the weak
signals pretty rough.
Some of this years Highlights:
-Worked VE7SL on 80 & 40.
-Worked KK7UV on 80 & 40...tnx to both of the Steve's.
-Worked W2ICE/1 on three bands...tnx Paul for a job well done.
-Worked W8AU using his ORIGINAL '29 TNT...congrats Perry.
-Worked the elusive VE3LYX on 80m...almost made it on 40...great to work you Don.
-Heard Jim, W8KGI on 40 with a good sig...but he couldn't hear me.
-Worked Steve, N8YE with his Ford coil powered '25 TPTG...always a treat to hear.
-Worked good friend Ron, N4GJV on three bands.
-The NE1S TNT on 40m had one of the prettiest notes..neat T9 whistle, Larry.
-Worked N3TE in his first BK...holy cow, another Steve.
-Worked Mike, WU2D using his '22 Meissner.
-One of the greatest highlights and pat on the backs goes to all the BK'ers with the
great ears. Boy, some of the reports I gave and received were in the 33 to 44
range. And I guess the prize would go to Burt, KB0MM for our 160m contact.
He gave me a 229, I gave him a 339....and we made it!!

Thanks to Scott, WA9WFA for his hard work on keeping the BK running smoothly.
And also thanks to all who pulled me thru once again. What a great bunch of first
class operators.

73 de Bill K4JYS (NC)

12070. Re: [AWA Group] BK de W2ICE/1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-14 14:04:56 UTC
From: N1BUG
Topic: 12061 Message: 12070

Thanks Scott and all for the kind words. Scott, I heard and called you on 40 also. I guess it just wasn't meant to be.

I neglected to mention that local friend Ben, WA1PBR, who has quite the collection of antique radio stuff including a rotary spark gap and original motor that I am constantly lusting after stopped by the other day and was intrigued to learn that W2ICE/1 was on the air almost within stone's throw of his house. Ben had the pleasure of meeting Bruce years ago.

I also very much enjoyed my final BK QSO with Perry, W8AU, who said Bruce was a friend and who was using an original TNT! I join Lou in saying I would love to see pictures of that rig.

Paul

On 12/13/2015 07:49 PM, Whitebear1122 wrote:
> Paul, you were awesome! Thanks so very much for taking the
> mantle this year and running W2ICE. 65 valid QSO's is far better
> than the 43 some I did last year as W2ICE/0. Thanks again. I
> briefly heard you this afternoon on 40m called a couple of times
> with no luck. 40 m seemed to have pockets of propagation. I'd
> hear an East Coast station, wait my turn, and they'd fade out
> before I could work them. I saw that several times. 73, Scott
> WA9WFA

12071. Re: [AWA Group] 29 rig tone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-14 15:38:52 UTC
From: Doug Forbes
Topic: 11882 Message: 12071

Thanks to all who responded. I will try all those marvelous suggestions
and report back on my findings.

Thanks again. Merry Christmas

--
Doug Forbes WA6VYN

12072. Re: [AWA Group] 29 rig tone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-14 16:21:48 UTC
From: Bill Stewart
Topic: 11882 Message: 12072

Doug, don't know if it was mentioned, but I found on my Hartley that
tweaking the antenna tuning &/or coil tap would make my raspy note
...about a T4-5 on 40m, improve slightly to about a T7. On 80m the note
is about a T8. In my case, the TX is mounted about 6 inches above the
p/s and the 210 is just above the pwr xfmr....don't know if some hum
is being induced into the tube, but will have to check that.
73 de Bill K4JYS

----- Original Message -----

From: "Doug Forbes dougforbes@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, December 14, 2015 10:38:52 AM
Subject: Re: [AWA Group] 29 rig tone

Thanks to all who responded. I will try all those marvelous suggestions and report back on my findings.

Thanks again. Merry Christmas

--
Doug Forbes WA6VYN

12073. Re: [AWA Group] TNT & those beehives...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-14 17:38:47 UTC
From: N1BUG
Topic: 11959 Message: 12073

Catching up... sort of

wonder if glue or loctite would do any good?
Try an internal tooth lock washer Paul – between the nut and the lead washer on the topside of the beehive.. I say ‘internal tooth’ so the teeth aren’t visible and retain the 29 look.

Perhaps the lead itself would help some?... if I was using any. Those 'hives are slippery devils. :-)

Bugsy

12074. Re: [AWA Group] BK de W2ICE/1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-14 18:06:59 UTC
From: Larry Szendrei
Topic: 12061 Message: 12074
Attachments: 1 described; binary payloads are missing from this source WARC

On 12/14/15 9:04 AM, N1BUG paul@... [AWAGroup] wrote:

>I also very much enjoyed my final BK QSO with Perry, W8AU, who said
>Bruce was a friend and who was using an original TNT!

Joe W3GMS was also running a "real" 1929 TNT built back in the day (although the power supply is a "late model"):

73,
-Larry/NE1S

12075. Re: [AWA Group] TNT & those beehives...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-14 18:21:38 UTC
From: Louis Vermond
Topic: 11959 Message: 12075
Attachments: 1 described; binary payloads are missing from this source WARC

Perhaps the lead itself would help some?...
"Try it, you'll like it."

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https://www.avast.com/antivirus

12076. Re: [AWA Group] BK de W2ICE/1 [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-14 18:26:49 UTC
From: Louis Vermond
Topic: 12076 Message: 12076
Attachments: 1 described; binary payloads are missing from this source WARC

The rig I've seen, but not Joe's fabulous power supply. Thanks Larry.

Joe, pse send me the PS's ckt.. Tks... Lou

On 12/14/15 9:04 AM, N1BUG paul@... [AWAGroup] wrote:
>I also very much enjoyed my final BK QSO with Perry, W8AU, who said
>Bruce was a friend and who was using an original TNT!

Joe W3GMS was also running a "real" 1929 TNT built back in the day (although the power supply is a "late model"):

73,
-Larry/NE1S

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https://www.avast.com/antivirus

12077. Re: [AWA Group] TNT & those beehives...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-14 18:28:54 UTC
From: K3PID
Topic: 11959 Message: 12077
Attachments: 1 described; binary payloads are missing from this source WARC

Wow Lou! All that radio knowledge and you’re an artist too! Great job!

Ron K3PID

From: mailto:AWAGroup@yahoogroups.com
Sent: Monday, December 14, 2015 12:21 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] TNT & those beehives...

☐

Perhaps the lead itself would help some?...
"Try it, you'll like it."

This email has been checked for viruses by Avast antivirus software.
www.avast.com

12078. Re: [AWA Group] TNT & those beehives...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-14 19:00:08 UTC
From: Louis Vermond
Topic: 11959 Message: 12078

Wow Lou! All that radio knowledge and you’re an artist too! Great job! Oh garsh....

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https://www.avast.com/antivirus

12079. Re: [AWA Group] 29 QSO Party Video

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-14 23:58:11 UTC
From: Louis Vermond
Topic: 12058 Message: 12079

Thank you doing this, Chris. 73, Lou

----- Original Message -----
From: William Props wcprops@... [AWAGroup]
To: awagroup@yahoogroups.com
Sent: 2015-12-13 5:49 PM
Subject: [AWA Group] 29 QSO Party Video

Got some video of a QSO last night on 80M.

https://www.youtube.com/watch?v=tEmfygHnQ3I

I didn't stay on too long but conditions on 80 seemed to be OK here in VA.

Chris

KJ4RGH

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https://www.avast.com/antivirus

12080. Re: [AWA Group] BK de W2ICE/1 [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-15 01:47:55 UTC
From: dulmagedon@...
Topic: 12076 Message: 12080

I heard Joe. Recognized the call from my 80M AM ops using my ARC5 testing with Dave while Joe was I believe NC. I believe I have his TNT recorded. I haven't played it all back yet. I went back to him with my Trap Hartley but couldn't make it work. BTW Went Antiqueing today with the XYL and friends. I told her on the way over this morning if you ever see a telegraph sounder let me know. I want one. Last store I was in down in "The Valley" I bought a real good Brunnel Sounder for $50. I don't know if that is good or not. Doesn't matter really. It was for me in budget. Also got an old pair of National Earphones made in Toronto. (So was I "made in Toronto") Hopefully they are older then I
donVE3LYX

12081. Re: [AWA Group] TNT & those beehives...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-15 14:59:33 UTC
From: N1BUG
Topic: 11959 Message: 12081
Attachments: 1 described; binary payloads are missing from this source WARC

I agree, Lou is an artist! I shudder to think what my sketch of the beehive & hardware would be... probably look like an ink blot test! ;-)

Paul

On 12/14/2015 01:28 PM, 'K3PID' ron.k3pid@... [AWAGroup] wrote:

Wow Lou! All that radio knowledge and you’re an artist too! Great job!

Ron K3PID

From: mailto:AWAGroup@yahoogroups.com

Sent: Monday, December 14, 2015 12:21 PM

To: AWAGroup@yahoogroups.com

Subject: Re: [AWA Group] TNT & those beehives...

☐

Perhaps the lead itself would help some?...

"Try it, you'll like it."

12082. Telegraph Repeater and my TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-15 17:04:44 UTC
From: dulmagedon@...
Topic: 12082 Message: 12082

As I mentioned I bought what I thought was a Telegraph Sounder yesterday while antiquing in The Ottawa Valley. I had thought I could rig it up for a relay to use on my old rigs so I wouldn't be keying a long HV line out of an oscillator. Turns out what I bought was a relay AKA a repeater (I never knew there was such a device) so after a minor wiring repair I did a clip lead lash up to a 6 volt battery and put the Key line for the TNT on the relay contacts. It worked right away but my TNT was acting stupid this morning. (Probably exhausted from the first BK day) I had sent a series of Vs and IDed. I decided to quit and see why but I got a call from AA3EJ saying VE3LYX pse rply so I did. It wasn't much fun I am sure as the TNT was being bad but we did finish. So there first contact with my Telegraph relay running the key line. Now I have to see what is bothering the TNT. It was acting stupid on the straight key too.
donVE3LYX

12083. BK Summaries

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-15 17:51:39 UTC
From: Steve
Topic: 11959 Message: 12083

.... for those interested...summaries of both weekends now on my blog:

weekend #1:

http://ve7sl.blogspot.ca/2015/12/29-bk-qso-party-night-1.html

weekend #2

http://ve7sl.blogspot.ca/2015/12/29-bk-qso-party-night-2.html

I wish we could have a BK every month, or at least more than once per year.

But then, my workbench / shack would be a '29 rat's nest all the time :-(

Steve 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

12084. Re: [AWA Group] BK Summaries

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-15 18:33:44 UTC
From: Louis Vermond
Topic: 11959 Message: 12084

Kelley Blog.... Great '29 "advertising", Steve.

Tks, Lou

----- Original Message -----
From: 'Steve' ve7sl@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2015-12-15 12:51 PM
Subject: [AWA Group] BK Summaries

.... for those interested...summaries of both weekends now on my blog:

weekend #1:

http://ve7sl.blogspot.ca/2015/12/29-bk-qso-party-night-1.html

weekend #2

http://ve7sl.blogspot.ca/2015/12/29-bk-qso-party-night-2.html

I wish we could have a BK every month, or at least more than once per year.

But then, my workbench / shack would be a '29 rat's nest all the time :-(

Steve 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

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https://www.avast.com/antivirus

12085. Re: [AWA Group] BK Summaries

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-15 19:47:44 UTC
From: Bill Stewart
Topic: 11959 Message: 12085

I second Lou's comments. Great write-ups, Steve.
Thanks for all your great info on that web site too.
I also second Steve's comments....mo BKs...if the
body could just take it....73 de Bill K4JYS

----- Original Message -----

From: "'Steve' ve7sl@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, December 15, 2015 12:51:39 PM
Subject: [AWA Group] BK Summaries

.... for those interested...summaries of both weekends now on my blog:

weekend #1:

http://ve7sl.blogspot.ca/2015/12/29-bk-qso-party-night-1.html

weekend #2

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I wish we could have a BK every month, or at least more than once per year.

But then, my workbench / shack would be a '29 rat's nest all the time :-(

Steve 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

12086. Opinion needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-15 22:11:31 UTC
From: K3PID
Topic: 12086 Message: 12086

I am thinking of using dial hardware from a period radio to move the tuning knob to the other end of the TNT board. This would include a 4” diameter pulley, a /14” brass shaft about 2” long and some dial cord. IT would serve two purposes, first it would remote my hand when trying to change frequency, second it would give a considerable speed reduction making it easier to pinpoint the tuning....

GROUP! would this violate the BK rules???

73 K3PID Ron

12087. Re: [AWA Group] Opinion needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-15 22:19:56 UTC
From: Larry Szendrei
Topic: 12086 Message: 12087

On 12/15/15 5:11 PM, 'K3PID' ron.k3pid@... [AWAGroup] wrote:
>
> I am thinking of using dial hardware from a period radio to move the
> tuning knob to the other end of the TNT board. This would include a 4”
> diameter pulley, a /14” brass shaft about 2” long and some dial cord.
> IT would serve two purposes, first it would _remote my hand_ when
> trying to change frequency, second it would give a _considerable speed
> reduction_ making it easier to pinpoint the tuning....
> GROUP! would this violate the BK rules???
>
Not at all! The mechanical arrangement can be anything you like. You are just required to use a transmitter circuit existing in 1929, excluding xtal control, tube type(s) available in 1929, and abide by the power limits. Go for it!

73,
-Larry/NE1S

12088. RE: [AWA Group] Opinion needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-15 22:20:01 UTC
From: Mike Feher
Topic: 12086 Message: 12088

If by period you mean pre ’30 period then I say it is fine. Variations and different design ingenuity is always welcome, and, often seen on early homemade rigs. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, December 15, 2015 5:12 PM
To: AWA Group
Subject: [AWA Group] Opinion needed

I am thinking of using dial hardware from a period radio to move the tuning knob to the other end of the TNT board. This would include a 4” diameter pulley, a /14” brass shaft about 2” long and some dial cord. IT would serve two purposes, first it would remote my hand when trying to change frequency, second it would give a considerable speed reduction making it easier to pinpoint the tuning....

GROUP! would this violate the BK rules???

73 K3PID Ron

12089. Re: [AWA Group] Opinion needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-15 22:28:22 UTC
From: Bill Stewart
Topic: 12086 Message: 12089

No problem Ron. Looking back thru the '20s QSTs you might run into all sorts of lash-ups. Sounds like a great idea. I need to do something like that on my '29 TNT....it's about impossible to zero-beat a station due to the dial being directly on the var. cap. shaft and hand capacity.
Send us a pix when ya get it going....73 de Bill K4JYS

----- Original Message -----

From: "'K3PID' ron.k3pid@... [AWAGroup]" <AWAGroup@...m>
To: "AWA Group" <awagroup@yahoogroups.com>
Sent: Tuesday, December 15, 2015 5:11:31 PM
Subject: [AWA Group] Opinion needed

I am thinking of using dial hardware from a period radio to move the tuning knob to the other end of the TNT board. This would include a 4” diameter pulley, a /14” brass shaft about 2” long and some dial cord. IT would serve two purposes, first it would remote my hand when trying to change frequency, second it would give a considerable speed reduction making it easier to pinpoint the tuning....

GROUP! would this violate the BK rules???

73 K3PID Ron

12090. W0VLZ BK Summary

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-16 00:11:20 UTC
From: Niel - W0VLZ
Topic: 12090 Message: 12090

I'm always impressed with the number of Qs I see from others in the BK. I had fun, learned some stuff and made a few contacts along the way...four here in MNplus Paul, W2ICE/1 usingmy push-pull 210 TNT at 6-10 watts on 80.

I had trouble with my antenna the first weekend (my fault). I had added a 20 mtr wire that made it ultra sensitive to wind. See http://w0vlz.blogspot.com/2015/12/a-winter-vertical.html. The second weekend I had five Qs before my transmitter started acting up. Every minute or so it shifted frequency and then popped back on frequency. Listening to it, it sounded like a character is being dropped. The problem showed up with both the antenna and the dummy load and different tube sets. I suspect a bad (arcing?) variable cap but time (and debugging) will tell.

Niel - W0VLZ
(now looking forward to the LC)

12091. Re: [AWA Group] Opinion needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-16 00:34:24 UTC
From: dulmagedon@...
Topic: 12086 Message: 12091

I made a vernier using a trick Lou showed me. He had a rubber grommet of some type on a screw close enough to the dial outer face to drive it. I tried it on my 01A hartley from last year using a rubber bushing from an AC Dc radio variable capacitor mount. it worked very well SO I took it a step further. On my 211A hartley I had a 4 inch dial plate I made from That hard plastic that used to face 1920s neutrodyne radios. (Could have used anything) I fastened the plate (with three screws) to a normal knob and mounted it in the tuning cap shaft. I went to Lowes and bought a grommet in the unusual hardware section near the science projects drawers. And I bought a 1/4 inch diameter Nylon Space. I shoved the grommet on the spacer and gave it a bit if rubber cement just before positioning it to make sure it didn't slip. I held it to the dial plate making sure the gromet was firmly against the plate and used a drill bit to register the hole. I drilled the hole. I made sure the head of the screw was smaller then the 1/4 inch spacer and then installed the whole assembly tightening until the spacer was positioned well but still turned freely. I installed a old early radio know. In fact one of the ones Lou gave me several years ago. I now have a very smooth working vernier or friction drive reduction unit that cost little and works very well. If you mount the assembly low so it is below where the variable cap is behind the panel you may find hand capacity trubal is greatly reduced.
donVE3LYX

12092. Re: [AWA Group] W0VLZ BK Summary

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-16 01:27:19 UTC
From: Niel - W0VLZ
Topic: 12090 Message: 12092

corrected url: http://w0vlz.blogspot.com/2015/12/a-winter-vertical.html

Niel - W0VLZ w0vlz@... [AWAGroup] wrote:
>
> I'm always impressed with the number of Qs I see from others in the BK.
> I had fun, learned some stuff and made a few contacts along the
> way...four here in MNplus Paul, W2ICE/1 usingmy push-pull 210 TNT at
> 6-10 watts on 80.
>
> I had trouble with my antenna the first weekend (my fault). I had added
> a 20 mtr wire that made it ultra sensitive to wind. See
> http://w0vlz.blogspot.com/2015/12/a-winter-vertical.html. The second
> weekend I had five Qs before my transmitter started acting up. Every
> minute or so it shifted frequency and then popped back on frequency.
> Listening to it, it sounded like a character is being dropped. The
> problem showed up with both the antenna and the dummy load and different
> tube sets. I suspect a bad (arcing?) variable cap but time (and
> debugging) will tell.
>
> Niel - W0VLZ
> (now looking forward to the LC)
>
>

12093. Re: [AWA Group] W0VLZ BK Summary

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-16 11:43:23 UTC
From: dulmagedon@...
Topic: 12090 Message: 12093

I had my TNT going yesterday and had a similar problem. I traced it to a poor contact with the Variable Caps rotor wiper. I had already made an addtional contact for it but obviously need to redo it. If I swing the cap back and forth before tuning the rig works fine so i am pretty sure that is the trouble. It will be in the rig hospital today and I will find out for sure.
Really enjoy your blogging!
donVE3LYX

12094. Re: [AWA Group] Opinion needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-16 12:07:16 UTC
From: Larry Szendrei
Topic: 12086 Message: 12094

On 12/15/15 5:28 PM, Bill Stewart cwopr@... [AWAGroup] wrote:
> No problem Ron. Looking back thru the '20s QSTs you might run into all
> sorts of lash-ups. Sounds like a great idea. I need to do something
> like that
> on my '29 TNT....it's about impossible to zero-beat a station due to
> the dial
> being directly on the var. cap. shaft and hand capacity.
I have a significant hand capacity effect on the PP-TNT, where the frame/rotor of the condenser is connected to one end of the tank coil (the stator, of course is connected to the other end). A few years back I added a mechanical friction-drive vernier with an additional 1/4" shaft and grommet. The groove of the grommet rides against the rim of the tuning dial. I made the shaft about 3" long so that I could keep my hand farther away from the condenser while tuning. It reduced, but did not eliminate, frequency pulling due to hand capacity.

OTOH, the Hartley has absolutely NO hand capacity effect, and the rotor is connected (for RF) both to the grid of the 841 tube and a period APEX metal vernier tuning mechanism. So it's also "hot" for RF, but still no hand capacity. Go figure. Can anyone explain this?

73,
-Larry/NE1S

12095. RE: [AWA Group] Opinion needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-16 12:28:38 UTC
From: Steve Flood
Topic: 12086 Message: 12095
Attachments: 1 described; binary payloads are missing from this source WARC

Is this your Hartley configuration still? Isn’t that a shaft insulator between your Apex dial and the rotor? Perhaps the insulator and the few inches spacing from the tuning knob to the rotor plates provides some decent shielding from hand capacity. The Hartley in my MOPA rig is similarly insulated, although not as well as yours, but the hand capacity is far less than the direct connections on my TNT and Hull Hartley.

KK7UV

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https://www.avast.com/antivirus

12096. Re: [AWA Group] Opinion needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-16 13:02:24 UTC
From: Larry Szendrei
Topic: 12086 Message: 12096

On 12/16/15 7:28 AM, 'Steve Flood' kk7uv@... [AWAGroup] wrote:
>
> Is this your Hartley configuration still? Isn’t that a shaft
> insulator between your Apex dial and the rotor? Perhaps the insulator
> and the few inches spacing from the tuning knob to the rotor plates
> provides some decent shielding from hand capacity. The Hartley in my
> MOPA rig is similarly insulated, although not as well as yours, but
> the hand capacity is far less than the direct connections on my TNT
> and Hull Hartley.
>
>
Hi Steve,

For some odd reason the image didn't come through here, but I just went downstairs and checked. You are absolutely right, I DO have an insulated shaft coupling between the tuning dial and the condenser shaft, and, furthermore, the dial is grounded. It has been so long since I built the Hartley I had forgotten. Thanks, mystery solved!

I'm disappointed another BK has passed without you in my log. I hope to run the Hartley and TNT in the Linc Cundall, perhaps we'll have another chance then.

73,
-Larry/NE1S

12097. RE: [AWA Group] Opinion needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-16 13:22:08 UTC
From: Steve Flood
Topic: 12086 Message: 12097

I heard you in there briefly Larry, along with a few others I just couldn’t seem to cross paths with.

Anyhow, I’m planning to participate in the LC so let’s hope for good conditions.

Steve/KK7UV

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https://www.avast.com/antivirus

12098. Re: [AWA Group] Opinion needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-16 15:22:28 UTC
From: Larry Szendrei
Topic: 12086 Message: 12098

On 12/16/15 8:22 AM, 'Steve Flood' kk7uv@... [AWAGroup] wrote:
>
> I heard you in there briefly Larry, along with a few others I just
> couldn’t seem to cross paths with.
>
Didja call me?
>
> Anyhow, I’m planning to participate in the LC so let’s hope for good
> conditions.
>
Hope to catch you then!

73,
-Larry/NE1S

12099. RE: [AWA Group] Opinion needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-16 15:52:25 UTC
From: Steve Flood
Topic: 12086 Message: 12099

>Didja call me?

Yep. At least a few times I remember. I had several stations hovering at my noise level, then eventually fading.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12100. Re: [AWA Group] Opinion needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-16 15:54:05 UTC
From: Larry Szendrei
Topic: 12086 Message: 12100

I'll keep the subject line, "opinion needed," because it still works.

I have come to the conclusion I fried my Softrock Ensemble II SDR with RF (2W out from the TNT on 40M) during the BK. I had thought I had wired the TR relay at the operating position I was using to ground the RX antenna input during transit, but when I attempted to verify it with an ohmmeter after the damage had been done, it was not so. So either my memory is faulty (like it was with the insulated coupling shaft on the Hartley), or the relay contact is dirty. The relay is buried in a multi-purpose box with several cables going to it and is not easily accessible, so opening up and checking visually will be done later.

So, I contacted Tony (the guy behind the Softrocks) and he thought I had probably taken on the FST3253 IC which switches between 4 bandpass filters on the antenna side of the RX. My friend Bob N1XBM who is good with installing (and removing!) surface-mount devices came over Monday night. He replaced that IC and the SDR works again.

So I want to add input protection on the SDR (AND fix the TR switching so that the RX input is shorted out on transmit - belt and suspenders). I know that simple diode clippers will create IMD products with strong signals coming in on the antenna, and I've heard PIN diodes are better in this regard than regular small-signal switches like the 1N914, although I don't know exactly why. I also know that HV rectifiers are constructed like PIN diodes and are sometimes used as such at HF, and they would be more robust (i.e., handle more current) than the small-signal switches. Yesterday I played with back-to-back 1N4007s at the antenna input. With two diodes in an anti-parallel configuration I definitely had some nasty IMD products close to the center frequency when the diodes were in place. I added another diode in series with each one to double the clipping voltage, and that eliminated the IMD, and the presence of the 4-diode series/parallel network seemed completely transparent, even to the stronger signals on the bands. All this was done in clip-lead test mode.

Then I hooked up the 4 diode network across the RF input to my HP 410 VTVM, with a wire antenna also connected to the HF probe, and transmitted (through another antenna, of course) signals on 40M and 10M with about 40W. The diodes limited the voltage at the RF probe to about 0.3V in both cases (although I was expecting more like 1.4V = 2 forward junction voltage drops), in fact, the RV voltage at the probe actually decreased slightly when I keyed the transmitter. Without the diode network present I read greater than 1V just from ambient RF (i.e., when I'm not transmitting) at this location with the antenna connected to the probe.

So, for those of you who have knowledge in these areas, does this all sound reasonable? Is the 1N4007 an appropriate device for this application? Why are PIN diodes preferable from an IMD viewpoint in this application?

In any case I will put an SPST switch in series with the diode clipper so that I can enable and disable it at will.

73,
-Larry/NE1S
>

12101. Re: [AWA Group] Opinion needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-16 16:01:48 UTC
From: Louis Vermond
Topic: 12086 Message: 12101

Yep. At least a few times I remember. I had several stations hovering at my noise level, then eventually fading.

GM,

Perhaps future power maximums should be decided by propagation conditions?

Perhaps stations West of the Rockies be allow to run 20 Input at all times?

Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12102. Re: [AWA Group] Opinion needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-16 16:24:13 UTC
From: Larry Szendrei
Topic: 12086 Message: 12102

On 12/16/15 11:01 AM, 'Louis Vermond' ldvermond@... [AWAGroup]
wrote:
>
>
> Perhaps future power maximums should be decided by propagation
> conditions?
> Perhaps stations West of the Rockies be allow to run 20 Input at all
> times?
> Lou
>
Heck, I'd be OK with 50W DC input for all stations! That would still limit the RF power output to the 5-20W range from an oscillator directly coupled to the antenna. Put those 203s and 211s to work! The MOPAs could put out up to about 35W for an efficient design, but their sigs tend to be better-behaved.

I think the main reason for the low power limitation was to keep a "low profile" on the bands so that we didn't draw unwanted attention with our less than squeaky-clean, unstable sigs.

73,
-Larry/NE1S

12103. BK remarks

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-16 16:44:11 UTC
From: JAMES HANLON
Topic: 12103 Message: 12103

Just a few remarks on the BK from out here in New Mexico.

First off, I had the flu the first weekend, so I definitely did not get on the air. So much for the flu shot this year! My wife came down with it a week later and is still getting over it! The second weekend was busy with all sorts of Christmas preparations, so I could steal only about an hour for BK activity on 40. Perhaps we could schedule another BK outing at some time when there are not as many other conflicting activities?

As to keying a TNT with an old telegraph repeater relay, I'd suggest putting an ohm meter across the relay contacts and confirming that the contact resistance is low, stable, and repeatable. Anything less would certainly reflect in the performance of the transmitter. If the relay contacts need cleaning I'd suggest starting off with something mild, perhaps DeOxit, sprayed onto a paper towel and worked across the contacts while the relay is energized. the very last thing you want to do to relay contacts is to go after them with an abrasive, like a file for instance. If there is precious metal on the contacts, silver for example, filing them may well wear the precious metal completely off. At most I would use some very fine grade sand paper wetted with a contact cleaner.

I key my MOPA with two relays, driven differentially so that I turn the oscillator on first and then the amplifier. The relays are in the filament transformer center tap leads - I have separate transformers for the oscillator and amplifier tubes.

And I accomplish "fine tuning" on my 210 Hartley with a small variable cap, vintage of course, in parallel with the main tuning cap. I also use several inches of fiber rod between that cap and it's knob to minimize hand capacitance.

73,

Jim Hanlon, W8KGI

12104. RE: [AWA Group] Opinion needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-16 16:47:06 UTC
From: Mike Feher
Topic: 12086 Message: 12104

I would think that PIN diodes would just be faster and maybe not have the square law characteristics of signal diodes, which probably does cause most of the IMD. While it would take more diodes, would it be possible to try and place diodes after each filter? This should cut down the aggregate RF at the input. Is there a switch on both the input and the output of each filter section? 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 16, 2015 10:54 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Opinion needed

I'll keep the subject line, "opinion needed," because it still works <mailbox://Users/Larry/Dropbox/Falcon/i7r33qrj.default/Mail/pop.myottmail.com/Drafts?number=46459&s=97359714/grpId=39470910/grpspId=1705063108/msgId=12097/stime=1450272240> .

I have come to the conclusion I fried my Softrock Ensemble II SDR with RF (2W out from the TNT on 40M) during the BK. I had thought I had wired the TR relay at the operating position I was using to ground the RX antenna input during transit, but when I attempted to verify it with an ohmmeter after the damage had been done, it was not so. So either my memory is faulty (like it was with the insulated coupling shaft on the Hartley), or the relay contact is dirty. The relay is buried in a multi-purpose box with several cables going to it and is not easily accessible, so opening up and checking visually will be done later.

So, I contacted Tony (the guy behind the Softrocks) and he thought I had probably taken on the FST3253 IC which switches between 4 bandpass filters on the antenna side of the RX. My friend Bob N1XBM who is good with installing (and removing!) surface-mount devices came over Monday night. He replaced that IC and the SDR works again.

So I want to add input protection on the SDR (AND fix the TR switching so that the RX input is shorted out on transmit - belt and suspenders). I know that simple diode clippers will create IMD products with strong signals coming in on the antenna, and I've heard PIN diodes are better in this regard than regular small-signal switches like the 1N914, although I don't know exactly why. I also know that HV rectifiers are constructed like PIN diodes and are sometimes used as such at HF, and they would be more robust (i.e., handle more current) than the small-signal switches. Yesterday I played with back-to-back 1N4007s at the antenna input. With two diodes in an anti-parallel configuration I definitely had some nasty IMD products close to the center frequency when the diodes were in place. I added another diode in series with each one to double the clipping voltage, and that eliminated the IMD, and the presence of the 4-diode series/parallel network seemed completely transparent, even to

the stronger signals on the bands. All this was done in clip-lead test mode.

Then I hooked up the 4 diode network across the RF input to my HP 410 VTVM, with a wire antenna also connected to the HF probe, and transmitted (through another antenna, of course) signals on 40M and 10M with about 40W. The diodes limited the voltage at the RF probe to about 0.3V in both cases (although I was expecting more like 1.4V = 2 forward junction voltage drops), in fact, the RV voltage at the probe actually decreased slightly when I keyed the transmitter. Without the diode network present I read greater than 1V just from ambient RF (i.e., when I'm not transmitting) at this location with the antenna connected to the probe.

So, for those of you who have knowledge in these areas, does this all sound reasonable? Is the 1N4007 an appropriate device for this application? Why are PIN diodes preferable from an IMD viewpoint in this application?

In any case I will put an SPST switch in series with the diode clipper so that I can enable and disable it at will.

73,
-Larry/NE1S

<mailbox://Users/Larry/Dropbox/Falcon/i7r33qrj.default/Mail/pop.myottmail.com/Drafts?number=46459&ywarid=515FB27823A7407E&a=10001310322279&js=no&resp=img>

12105. Re: [AWA Group] Opinion needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-16 17:17:00 UTC
From: N1BUG
Topic: 12086 Message: 12105

Hi Larry,

In the old days (1980s-90s :) we used 1N914/1N4148 diodes as front end protection. I did experience some nasty IMD problems on occasion.

This is probably not what you're looking for but I now use something like this and have not had any problems (hopefully this link will go through)

http://arraysolutions.com/images/AS-RXFEPdatasheet.pdf

During the BK I use Beverages for receiving, running through a unit similar to this into my very modern receiver. I run the TNT into my various transmit antennas which are in very close proximity to some of the Beverages. This would worry me greatly if I didn't have the receiver protector in line. I have not had any problems. After the 2014 BK I cranked up the B+ to see what the old UX-210 could do if pushed. With 20 watts out I still had no problems. In reality I suspsect I could run a kW and be safe. Yep, the TNT survived that test, too. :-)

73,
Paul

12106. 20 watts out Bugsy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-16 17:54:17 UTC
From: Louis Vermond
Topic: 12106 Message: 12106

After the 2014 BK I cranked up the B+ to see what the old UX-210 could do if pushed. With 20 watts out I still had no problems.

Do you recall the voltage, Paul? Lou

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https://www.avast.com/antivirus

12107. Re: [AWA Group] 20 watts out Bugsy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-16 18:08:13 UTC
From: N1BUG
Topic: 12106 Message: 12107

After the 2014 BK I cranked up the B+ to see what the old UX-210 could do if pushed. With 20 watts out I still had no problems.
Do you recall the voltage, Paul?

Yes, Lou. 800V at just over 60mA. I had the antenna coupled more heavily than one should, so note was about T6 or T7 (similar to how I sound during the BK with 300V and overcoupling. :-)

On the other hand, I can get a real nice sounding 10 watts out if I mind my manners with that antenna coil!

Paul

12108. Re: [AWA Group] Opinion needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-16 18:39:10 UTC
From: Larry Szendrei
Topic: 12086 Message: 12108

On 12/16/15 11:47 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> *I would think that PIN diodes would just be faster and maybe not have
> the square law characteristics of signal diodes, which probably does
> cause most of the IMD. While it would take more diodes, would it be
> possible to try and place diodes after each filter? *
>
Possible, but more difficult, and I don't see any advantage (see below)
>
> *This should cut down the aggregate RF at the input. *
>
*This is what I don't follow. There are 4 bandpass filters, switched at
both the antenna side and the QSD (Quadrature Sampling Detector) side
with Fairchild FST3253 analog electronic switching chips. So only one
bandpass filter is in the circuit at a time, the others effectively
"float."*
>
> *Is there a switch on both the input and the output of each filter
> section?*
>
*Yes, see above.

Tnx for the input, Mike!

73,
-Larry/NE1S
*

12109. RE: [AWA Group] Opinion needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-16 18:53:14 UTC
From: Mike Feher
Topic: 12086 Message: 12109

Yes, I see the problem. If I had a block diagram it would have helped. Probably should have looked it up. So, I assume you blew the first switch with the RF and it is the one seeing all of the input BW to cause the IMD with the diodes in front of it. Of course if you are going to pump a few watts into it the diodes would probably not have helped anyway. Fix the T/R switch and forget the diodes, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 16, 2015 1:39 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Opinion needed

On 12/16/15 11:47 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

I would think that PIN diodes would just be faster and maybe not have the square law characteristics of signal diodes, which probably does cause most of the IMD. While it would take more diodes, would it be possible to try and place diodes after each filter?

Possible, but more difficult, and I don't see any advantage (see below)

This should cut down the aggregate RF at the input.

This is what I don't follow. There are 4 bandpass filters, switched at both the antenna side and the QSD (Quadrature Sampling Detector) side with Fairchild FST3253 analog electronic switching chips. So only one bandpass filter is in the circuit at a time, the others effectively "float."

Is there a switch on both the input and the output of each filter section?

Yes, see above.

Tnx for the input, Mike!

73,
-Larry/NE1S

12110. Re: [AWA Group] Opinion needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-16 19:18:46 UTC
From: dulmagedon@...
Topic: 12086 Message: 12110

I had thought similar. My closest participating station is Lou at about 186 mi ATCF. Most of you are between 230 and 400Mi away. A few much further. I did ok on the low power BUT am at a disadvantage which helped me get the "Elusive" monicer. So how about this idea. All run 20watts. For stations close to each other like the New Englanders it is of no particular advantage. For those of us somewhat remote gives us at least a fighting chance. I do wish I could run my 211A Hartley purely because i enjoy it so midnite to morning the suggest 50W or a QRO class which would be nice. (Big Bertha as I call it has 44 input watts) but even if not 20W for everyone would give no one an unfair advantage and help some who are currently behind the 8 ball because of QTH.
Just thinking out loud but seems t'would be nice to me.
donVE3LYX

12111. Electric Keyer

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-16 19:24:30 UTC
From: dulmagedon@...
Topic: 12111 Message: 12111
Attachments: 1 described; binary payloads are missing from this source WARC

Always wanted an electronic keyer (actually I have one) but here is my 40M TNT with an Electric keyer. A telegraph relay by Bunnell of NY also known as a telegraph repeater. I have been unable to date it but I think it is at least period correct for the 29 TNT. Works nicely. Leads coming out of the transmitter are very short and not near me so that helps. Key line is 6 volts. I have finally gone Hi tek! ;>)
donVE3LYX

12112. RE: [AWA Group] Electric Keyer [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-16 19:44:04 UTC
From: Mike Feher
Topic: 12111 Message: 12112

The use of telegraph relays and sounders by hams were in style in the late teens and early 20’s. They were often modified to use silver dimes in the contacts to make, remote and safe high current keyers for spark equipment. They were even modified at times to make antenna changeover relays. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 16, 2015 2:25 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Electric Keyer [1 Attachment]

Always wanted an electronic keyer (actually I have one) but here is my 40M TNT with an Electric keyer. A telegraph relay by Bunnell of NY also known as a telegraph repeater. I have been unable to date it but I think it is at least period correct for the 29 TNT. Works nicely. Leads coming out of the transmitter are very short and not near me so that helps. Key line is 6 volts. I have finally gone Hi tek! ;>)
donVE3LYX

12113. RE: [AWA Group] Electric Keyer [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-16 22:01:01 UTC
From: dulmagedon@...
Topic: 12111 Message: 12113

Do you have any idea what vintage this relay is, Mike?
donVE3LYX

12114. RE: [AWA Group] Electric Keyer

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-16 23:16:43 UTC
From: Mike Feher
Topic: 12111 Message: 12114

Not exactly Don. It is not too early as far as telegraph stuff goes, but, probably about 1900 or so. Similar relays were made for the Signal Corp even during WWII. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 16, 2015 5:01 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Electric Keyer

Do you have any idea what vintage this relay is, Mike?
donVE3LYX

12115. Re: [AWA Group] Opinion needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-17 01:01:54 UTC
From: Louis Vermond
Topic: 12086 Message: 12115

Don...All run 20watts. Yes, my suggestion of the West allowed 20Ws only solves half the problem.

CU Cundall, Lou

http://www.antiquewireless.org/awa-linc-cundall-memorial-cw-contest.html

AWA Linc Cundall Memorial CW Contest

Dates: Wednesday, January 13, 2016 @ 2300 GMT to Thursday, January, 14, 2016 @ 2300 GMT
And
Saturday, January 16, 2016 @ 2300 GMT to Sunday, January 17, 2016 @ 2300 GMT

Bands: 160, 80 and 40 Meters.

Download MS Word Log Sheet
Send logs to:

Tim Walker
19 Woodsied Ave.
Westport, CT 06880

All radio amateurs may participate and submit logs and all are eligible for an award. Non-member stations using pre-1950 gear count. All stations must submit logs to be eligible for an award and are encouraged to send a shack JPEG showing their vintage station. Electronic format such as EXCELä or (PDF, JPEG) scans via E-mail are accepted. Use the format posted on the AWA Site. Logs are due four weeks after contest. Plaques are to be awarded.

Objective: Contact the greatest number of AWA members or participating stations using pre-1950 design gear. The E-W multiplier has been dropped this year so all are on an equal footing. The 4 power levels have been retained. 20M has been dropped and the 40M frequencies have been shifted up slightly to the old novice band where slow CW is emerging again. When calling use “AWA AWA de W3GMS” for example. On contact, exchange the signal report, the year of equipment such as “TX36” for a 1936 transmitter and “RX 34” for a 1934 receiver. Send “MOD” for modern (after 1949) gear. And finally send your Input Power such as “10W”. Also send name and State or Country.

Frequencies: 1800-1820, 3550 – 3580, 7100-7125 kHz, +/- QRM Concentrate 160 meter contacts on the hour.
Equipment Multipliers MOD TX and RX 1
OT TX or RX 2
OT TX and RX 3

Power Multiplier 0 – 10 Watts Input 4
10 - 75 Watts Input 3

75 – 150 Watts Input 2
150 + Watts Input 1

N2BE contacts WT2W
N2BE Stn. Jones P-P at 6 Watts, Heath HB-10 (One OT), 1 MOD for 2 points
Power Multiplier for 6 Watts is 4
2X4 = 8 points

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https://www.avast.com/antivirus

12116. Cundall

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-17 01:19:01 UTC
From: Steve
Topic: 12086 Message: 12116

>CU Cundall, Lou

how much activity does this contest see....more than the BK or less? I'm thinking of firing up with my '46 Longfeller.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

12117. Re: [AWA Group] Opinion needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-17 01:38:28 UTC
From: Larry Szendrei
Topic: 12086 Message: 12117

On 12/16/15 1:53 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Yes, I see the problem. If I had a block diagram it would have helped.
> Probably should have looked it up. So, I assume you blew the first
> switch with the RF and it is the one seeing all of the input BW to
> cause the IMD with the diodes in front of it. Of course if you are
> going to pump a few watts into it the diodes would probably not have
> helped anyway.
>
But, I didn't pump a few watts into it. The few watts were (mostly)
going into the antenna. The only RF getting into the receiver was due to
capacitive coupling, a few pF at best, across the antenna relay contacts.

> Fix the T/R switch and forget the diodes, HI. 73 – Mike
>
I've decided to do both, with the ability to switch out the diodes if
desired.

73,
-Larry/NE1S

12118. RE: [AWA Group] Electric Keyer

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-17 01:39:04 UTC
From: dulmagedon@...
Topic: 12111 Message: 12118

Oh OK. So it would be OK to assume it is period correct at least. I am surprised at it. It actually works quite well. I have a brass railroad key but the lever knob assembly is missing. It is the type wIth the through bolts into the table. I will keep an eye open for a good one or a busted one with a serviceable lever.
donVE3LYX

12119. Re: [AWA Group] Opinion needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-17 01:46:33 UTC
From: dulmagedon@...
Topic: 12086 Message: 12119

I can hardly wait!
I can use Big Bertha in this one. And my 47 tubed ECO, my 6l6 MOPA ,my Breadboard 6L6 stuff and my No 19 Wireless Set. (Which I had a wonderful breakthrough with while we were all getting ready for the BK. Went from 7 watts to almost 25W with a very minor non-invasive modification.)
donVE3LYX

12120. Re: [AWA Group] Cundall

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-17 01:53:24 UTC
From: Louis Vermond
Topic: 1650 Message: 12120

As I recall, considerably less then the Kelley, but maybe others here have a different opinion.

'46 Longfeller. QRO!

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12121. Re: [AWA Group] Opinion needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-17 02:00:10 UTC
From: K3PID
Topic: 12086 Message: 12121

Interesting! My dad always used the expression ATCF (as the crow flys) however he always added “assuming you have a sober crow”...

Sorry, it just popped into my head!!! Hi HI

Ron K3PID

From: mailto:AWAGroup@yahoogroups.com
Sent: Wednesday, December 16, 2015 1:18 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Opinion needed

I had thought similar. My closest participating station is Lou at about 186 mi ATCF. Most of you are between 230 and 400Mi away. A few much further. I did ok on the low power BUT am at a disadvantage which helped me get the "Elusive" monicer. So how about this idea. All run 20watts. For stations close to each other like the New Englanders it is of no particular advantage. For those of us somewhat remote gives us at least a fighting chance. I do wish I could run my 211A Hartley purely because i enjoy it so midnite to morning the suggest 50W or a QRO class which would be nice. (Big Bertha as I call it has 44 input watts) but even if not 20W for everyone would give no one an unfair advantage and help some who are currently behind the 8 ball because of QTH.
Just thinking out loud but seems t'would be nice to me.
donVE3LYX

12122. Re: [AWA Group] BK remarks

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-17 02:04:06 UTC
From: Don Dulmage
Topic: 12103 Message: 12122

On Wed, 12/16/15, JAMES HANLON knjhanlon@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] BK remarks
To: "AWA Group" <awagroup@yahoogroups.com>
Received: Wednesday, December 16, 2015, 11:44 AM

AS an old tune up man from the dark ages I have the proper tools for dressing relay contacts like found in electromechanical voltage regulators so that is here a non issue. Also have the ability to re-sliver contact points if required. It actually now does a very nice job of keying the TNT. I am as I said a bit surprised at how well it works. I was worried about arcing etc but watched it for quite awhile today while in QSO. Seems good but I will keep a close eye on it anyway. Just in case. I am going to leave it on the TNT. I do not wish to use it on Big Bertha because the voltages exceed 600 and that would be asking too much. I even tried it with my 1923 Vibroplex and it could handle it. I guess they were designed to sit unattended in a wooden shack in the middle of nowhere (one relay or repeater every 75 miles) and run flawlessly for years on end. Mr Bunnell did a great job I think.
donVE3LYX

Just a few remarks on the BK from out
here in New Mexico.

First
off, I had the flu the first weekend, so I definitely did
not get on the air. So much for the flu shot this year!
My wife came down with it a week later and is still getting
over it! The second weekend was busy with all sorts of
Christmas preparations, so I could steal only about an hour
for BK activity on 40. Perhaps we could schedule another
BK outing at some time when there are not as many other
conflicting activities?

As to keying a TNT with an old telegraph
repeater relay, I'd suggest putting an ohm meter across
the relay contacts and confirming that the contact
resistance is low, stable, and repeatable. Anything less
would certainly reflect in the performance of the
transmitter. If the relay contacts need cleaning I'd
suggest starting off with something mild, perhaps DeOxit,
sprayed onto a paper towel and worked across the contacts
while the relay is energized. the very last thing you want
to do to relay contacts is to go after them with an
abrasive, like a file for instance. If there is precious
metal on the contacts, silver for example, filing them may
well wear the precious metal completely off. At most I

would use some very fine grade sand paper wetted with a contact cleaner.

I key
my MOPA with two relays, driven differentially so that I turn the oscillator on first and then the amplifier. The relays are in the filament transformer center tap leads - I have separate transformers for the oscillator and amplifier tubes.

And I
accomplish "fine tuning" on my 210 Hartley with a
small variable cap, vintage of course, in parallel with the main tuning cap. I also use several inches of fiber rod between that cap and it's knob to minimize hand capacitance.

73,

Jim Hanlon, W8KGI

12123. BK Legal Tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-17 14:37:30 UTC
From: Bill Stewart
Topic: 12123 Message: 12123

Hi Lou,
I know this list has gone around a few times but I can only find one from Ian Wilson. Wasn't there one fairly recently...maybe you sent it. Any idea about a newer list? Tnx...73 de Bill K4JYS

12124. Re: [AWA Group] BK Legal Tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-17 16:23:51 UTC
From: Louis Vermond
Topic: 12123 Message: 12124
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Lou,
I know this list has gone around a few times but I can only find
one from Ian Wilson. Wasn't there one fairly recently...maybe you
sent it. Any idea about a newer list? Tnx...73 de Bill K4JYS

GM Bill,

I do not recall such a list, but the attached may help. Dated 1927...

Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12125. Fw: 1929 tube list

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-17 17:49:35 UTC
From: Ron Barlow
Topic: 12125 Message: 12125

Please find an enclosed 1929 tube list that includes some types that were not included in Lou's list, including the type 841, a type 10 variant.
#yiv1769525320 #yiv1769525320 -- P {margin-top:0;margin-bottom:0;}#yiv1769525320 1929 Tube list

UX-112UX-120UX-171-AUX-199UX-201-AUV-203-AUV-204-AUV-206UX-210UV-211UX-222UY-224UY-227UX-240UX-245UX-250UX-841UX-842UX-845WE-211AWE-211DWE-212AWE-212DWE-215A Plus the following rectifiers:UX-213UX-216BUV-217AUV-217CUX-280UX-281UX-866UX-872UX-874 And these ballast tubes:UV-876UV-886 From a footnote: ‘Many of the “U” tubes are duplicated in “C” numbers one hundred higher’ An RCA ad adds the following to the list:WD-11WX-12UX-112-AUV-199UX-200-AUX-226UV-849UV-851UX-852UX-860UX-861UX-865 Plus the following rectifier:UV-1651

12126. Re: [AWA Group] W0VLZ BK Summary

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-17 17:54:37 UTC
From: Ron Barlow
Topic: 12090 Message: 12126

Hi Niel, I have noted that one common cause of the problem that you describe, is an oxidation problem at the rotor wiper, of any variable capacitor, that is included in the oscillator tank circuit. I have never used De-Ox (I believe that is the correct name), but I have read many raves about its effectiveness. I have not always experienced success when attempting to use other brands of contact cleaners, to de-oxidize variable cap rotor to wiper contact surfaces. In one particularly stubborn case (a BC-453), I had to physically remove the rotor wipers, so that I could scrape away the oxidized metal, at the rotor contact surface, to effect a cure of the frequency jitters. Repeated attempts to do the job, with the contact cleaner that I had on hand, were unsuccessful. I believe that the power oscillators that we use, are particularly vulnerable to problems, in this area, due to the relatively large amount of circulating RF current, in these high "C" tank circuits. GL & 73 de Ron n4gjv

On Tuesday, December 15, 2015 8:27 PM, "Niel - W0VLZ w0vlz@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  corrected url: http://w0vlz.blogspot.com/2015/12/a-winter-vertical.html

Niel - W0VLZ w0vlz@... [AWAGroup] wrote:
>
> I'm always impressed with the number of Qs I see from others in the BK.
> I had fun, learned some stuff and made a few contacts along the
> way...four here in MNplus Paul, W2ICE/1 usingmy push-pull 210 TNT at
> 6-10 watts on 80.
>
> I had trouble with my antenna the first weekend (my fault). I had added
> a 20 mtr wire that made it ultra sensitive to wind. See
> http://w0vlz.blogspot.com/2015/12/a-winter-vertical.html. The second
> weekend I had five Qs before my transmitter started acting up. Every
> minute or so it shifted frequency and then popped back on frequency.
> Listening to it, it sounded like a character is being dropped. The
> problem showed up with both the antenna and the dummy load and different
> tube sets. I suspect a bad (arcing?) variable cap but time (and
> debugging) will tell.
>
> Niel - W0VLZ
> (now looking forward to the LC)
>
>

12127. Re: [AWA Group] BK Legal Tubes [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-17 17:36:37 UTC
From: Bill Stewart
Topic: 12123 Message: 12127

Tnx a lot Lou....better info than I was looking....73, Bill

----- Original Message -----

From: "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Thursday, December 17, 2015 11:23:51 AM
Subject: Re: [AWA Group] BK Legal Tubes [1 Attachment]

Hi Lou,
I know this list has gone around a few times but I can only find
one from Ian Wilson. Wasn't there one fairly recently...maybe you
sent it. Any idea about a newer list? Tnx...73 de Bill K4JYS

GM Bill,

I do not recall such a list, but the attached may help. Dated 1927...

Lou

Avast logo
This email has been checked for viruses by Avast antivirus software.
www.avast.com

12128. DeoxIT -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-17 18:54:14 UTC
From: Mike Feher
Topic: 12128 Message: 12128

Interesting you would bring this up Ron. There was just a discussion about it on the MRCA reflector and a week or so ago I inquired about the same thing on the 160 meter Monday AWA net run by Joe, N3IBX. Anyway, my antenna tuner I find is very noisy. It uses two rotar inductors and one is worse than the other. I ordered a can of Gold DeoxIT from eBay and hope to get it tomorrow. Will report on how well it works in my situation. Maybe our resident Chemist (NE1S) can chime in? 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, December 17, 2015 12:55 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] W0VLZ BK Summary

Hi Niel,

I have noted that one common cause of the problem that you describe, is an oxidation problem at the rotor wiper, of any variable capacitor, that is included in the oscillator tank circuit. I have never used De-Ox (I believe that is the correct name), but I have read many raves about its effectiveness.

I have not always experienced success when attempting to use other brands of contact cleaners, to de-oxidize variable cap rotor to wiper contact surfaces. In one particularly stubborn case (a BC-453), I had to physically remove the rotor wipers, so that I could scrape away the oxidized metal, at the rotor contact surface, to effect a cure of the frequency jitters. Repeated attempts to do the job, with the contact cleaner that I had on hand, were unsuccessful.

I believe that the power oscillators that we use, are particularly vulnerable to problems, in this area, due to the relatively large amount of circulating RF current, in these high "C" tank circuits.

GL & 73 de Ron n4gjv

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corrected url: http://w0vlz.blogspot.com/2015/12/a-winter-vertical.html

Niel - W0VLZ w0vlz@... [AWAGroup] wrote:
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> I'm always impressed with the number of Qs I see from others in the BK.

> I had fun, learned some stuff and made a few contacts along the
> way...four here in MNplus Paul, W2ICE/1 usingmy push-pull 210 TNT at
> 6-10 watts on 80.
>
> I had trouble with my antenna the first weekend (my fault). I had added
> a 20 mtr wire that made it ultra sensitive to wind. See
> http://w0vlz.blogspot.com/2015/12/a-winter-vertical.html. The second
> weekend I had five Qs before my transmitter started acting up. Every
> minute or so it shifted frequency and then popped back on frequency.
> Listening to it, it sounded like a character is being dropped. The
> problem showed up with both the antenna and the dummy load and different
> tube sets. I suspect a bad (arcing?) variable cap but time (and
> debugging) will tell.
>
> Niel - W0VLZ
> (now looking forward to the LC)
>
>

12129. BK QSO Party comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-17 19:01:14 UTC
From: Ron Barlow
Topic: 12129 Message: 12129

Hello all,Many thanks to all participants, the AWA, and last but not least, Scott, WA9WFA, for making possible the great fun that was the BK QSO party! I would like to loudly echo the words of others that have expressed a desire for having more of these events per year. The 50 week wait for the next BK event, is much too long to wait! For the first time in many years, I did not hear a single west coast station, on any of the 3 bands. In fact, I don't believe that I heard as many Midwestern stations, as per usual. Some of this may have been due to my part time operation, that may have insured my absence, at the optimum times? In any event, I heard many more stations than I could "work", due to my QRP 3 watt transmitters, and long, lossy antenna feed line. The receiver that I intended to use gave up the ghost just before the BK start time. I was able to use my hb single band, single signal receiver on 80m, so no problem there. However, I had to resort to the use of a "broad as barn door" BC-455 ARC 5 receiver, on 160m (with a 1 tube upconverter), as well as on the QRM blanketed 40m band. I observed that I was able to easily hear an AM short wave broadcast station plus and minus 35+ KHz from its carrier frequency, due to the wide bandwidth of the BC-455! Not a good recipe for dealing with the SSB and digital sigs that infest the crowded 40m band! I was able to re-erect my fallen 160m inverted vee, just in time to permit QSOs with my good friends, K4JYS and W2ICE/1, on all 3 bands. Many thanks to Paul for sticking with me, as I struggled with QRM (that broad receiver!) and strong QRN. My QRP signal was not strong enough to permit a QSO with KB0MM, the only other AWA station that I heard on 160m, at around the suggested 0400Z time. Was anyone else QRV during that time period? I keenly hope to hear many of you during the LC event, next month/year! 73 de Ron n4gjv

12130. Re: [AWA Group] Fw: 1929 tube list

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-17 19:01:16 UTC
From: N1BUG
Topic: 12125 Message: 12130

I believe UV-202 and UV-210 should be on the list...?

Paul

On 12/17/2015 12:49 PM, Ron Barlow imalowfer@... [AWAGroup] wrote:

Please find an enclosed 1929 tube list that includes some types that were not included in Lou's list, including the type 841, a type 10 variant.

1929 Tube list

UX-112

UX-120

UX-171-A

UX-199

UX-201-A

UV-203-A

UV-204-A

UV-206

UX-210

UV-211

UX-222

UY-224

UY-227

UX-240

UX-245

UX-250

UX-841

UX-842

UX-845

WE-211A

WE-211D

WE-212A

WE-212D

WE-215A

Plus the following rectifiers:

UX-213

UX-216B

UV-217A

UV-217C

UX-280

UX-281

UX-866

UX-872

UX-874

And these ballast tubes:

UV-876

UV-886

From a footnote: ‘Many of the “U” tubes are duplicated in “C” numbers one hundred higher’

An RCA ad adds the following to the list:

WD-11

WX-12

UX-112-A

UV-199

UX-200-A

UX-226

UV-849

UV-851

UX-852

UX-860

UX-861

UX-865

Plus the following rectifier:

UV-1651

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

12131. Re: [AWA Group] BK QSO Party comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-17 19:47:22 UTC
From: Steve
Topic: 12129 Message: 12131

> In fact, I don't believe that I heard as many Midwestern stations, as per
> usual.

Ron - that was my feeling after weekend #1 but I saw most of them by the second weekend. Condx were truly awful, almost like a curtain here, from Montana east.

I often see condx like this on the low bands in Decemeber...nothing in the central states but good signals from the eastern seaboard. I think it's a classic single-hop F2 distance, with most of the USA (for me) being in the 'quiet' skip zone. It was the same on both weekends but moreso on weekend #2.

> Was anyone else QRV during that time period?

yes...I was (1804) as well as KK7UV in Montana...never heard anyone else.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

12132. Re: [AWA Group] Fw: 1929 tube list

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-17 20:45:27 UTC
From: Bill Stewart
Topic: 12125 Message: 12132

Ron/Paul...tnx for the additional tube lists. I will try to keep 'em where I can find 'em.....Bill

----- Original Message -----

From: "Ron Barlow imalowfer@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "yahoogroups" <awagroup@yahoogroups.com>
Sent: Thursday, December 17, 2015 12:49:35 PM
Subject: [AWA Group] Fw: 1929 tube list

Please find an enclosed 1929 tube list that includes some types that were not included in Lou's list, including the type 841, a type 10 variant.

1929 Tube list

UX-112
UX-120
UX-171-A
UX-199
UX-201-A
UV-203-A
UV-204-A
UV-206
UX-210
UV-211
UX-222
UY-224
UY-227
UX-240
UX-245
UX-250
UX-841
UX-842
UX-845
WE-211A
WE-211D
WE-212A
WE-212D
WE-215A

Plus the following rectifiers:
UX-213
UX-216B
UV-217A
UV-217C
UX-280

UX-281
UX-866
UX-872
UX-874

And these ballast tubes:
UV-876
UV-886

From a footnote: ‘Many of the “U” tubes are duplicated in “C” numbers one hundred higher’

An RCA ad adds the following to the list:
WD-11
WX-12
UX-112-A
UV-199
UX-200-A
UX-226
UV-849
UV-851
UX-852
UX-860
UX-861
UX-865

Plus the following rectifier:
UV-1651

12133. Re: [AWA Group] Fw: 1929 tube list

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-17 22:24:19 UTC
From: Larry Szendrei
Topic: 12125 Message: 12133

Add the UX-226 to that list (possibly others?)

73,
-Larry/NE1S

On 12/17/15 12:49 PM, Ron Barlow imalowfer@... [AWAGroup] wrote:
> Please find an enclosed 1929 tube list that includes some types that
> were not included in Lou's list, including the type 841, a type 10
> variant.
>
> 1929 Tube list
>
>
> UX-112
> UX-120
> UX-171-A
> UX-199
> UX-201-A
> UV-203-A
> UV-204-A
> UV-206
> UX-210
> UV-211
> UX-222
> UY-224
> UY-227
> UX-240
> UX-245
> UX-250
> UX-841
> UX-842
> UX-845
> WE-211A
> WE-211D
> WE-212A
> WE-212D
> WE-215A
> Plus the following rectifiers:
> UX-213
> UX-216B
> UV-217A
> UV-217C
> UX-280
> UX-281
> UX-866

> UX-872
> UX-874
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> UV-876
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> From a footnote: ‘Many of the “U” tubes are duplicated in “C” numbers
> one hundred higher’
> An RCA ad adds the following to the list:
> WD-11
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> UX-226
> UV-849
> UV-851
> UX-852
> UX-860
> UX-861
> UX-865
> Plus the following rectifier:
> UV-1651
>

12134. Re: [AWA Group] DeoxIT -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-17 22:44:08 UTC
From: Larry Szendrei
Topic: 12128 Message: 12134

On 12/17/15 1:54 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Interesting you would bring this up Ron. There was just a discussion
> about it on the MRCA reflector and a week or so ago I inquired about
> the same thing on the 160 meter Monday AWA net run by Joe, N3IBX.
> Anyway, my antenna tuner I find is very noisy. It uses two rotar
> inductors and one is worse than the other. I ordered a can of Gold
> DeoxIT from eBay and hope to get it tomorrow. Will report on how well
> it works in my situation. Maybe our resident Chemist (NE1S) can chime in?
>
Hi, Mike.

Well, I haven't really done any chemistry for at least 30 years. The B.S in chemistry got my foot in the door at Fairchild Semiconductor (the original company) as a process engineer, but after a few years of that (which didn't involve much chemistry in the 1st place) I moved into process integration, and finally device engineering.

That said, I haven't forgotten everything, but I looked at my bottle of DeOxit-5 and all it lists for ingredients are Deoxit D100L, Petroleum Naptha, and Hydrocarbon Propellant. Since neither of the latter two are going to do anything to metallic oxides, I'd have to guess the de-oxidizing (reducing) agent, if there really is one, is in the "D100L," whose formula is no doubt a trade secret.

Sorry I can't be more helpful.

73,
-Larry/NE1S

12135. Exotic Tubes to use

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-18 00:29:23 UTC
From: dulmagedon@...
Topic: 12135 Message: 12135

Speaking of exotic tubes from the list My UV199 arrived today. It tested good for continuity although could still be a dud.
so I popped it in the Colpitts and hooked up the power. So far no joy and I have been rubbing on it. Perhaps I am Copitts-ually challenged. Looks nice. I will set it aside for now.

Yes I would also enjoy more events. don't even have to be contests. Just somewhere to operate the old stuff. Been working on the 1930s style stuff for the Linc Cundall deal. Had the 47 ECO going for a bit today.

donVE3LYX

12136. RE: [AWA Group] DeoxIT -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-18 00:39:20 UTC
From: Mike Feher
Topic: 12128 Message: 12136

Thanks for your input Larry. The stuff I ordered is the Caig G5S-6. Regardless, like I said, I will report back of its effectiveness for my applications. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, December 17, 2015 5:44 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] DeoxIT -

On 12/17/15 1:54 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

Interesting you would bring this up Ron. There was just a discussion about it on the MRCA reflector and a week or so ago I inquired about the same thing on the 160 meter Monday AWA net run by Joe, N3IBX. Anyway, my antenna tuner I find is very noisy. It uses two rotar inductors and one is worse than the other. I ordered a can of Gold DeoxIT from eBay and hope to get it tomorrow. Will report on how well it works in my situation. Maybe our resident Chemist (NE1S) can chime in?

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Sorry I can't be more helpful.

73,
-Larry/NE1S

12137. Re: [AWA Group] BK QSO Party comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-18 01:22:42 UTC
From: Whitebear1122
Topic: 12129 Message: 12137

You and others have mused about the same thing. I even got an email at work from Lou asking about it. I didn't hear as many Midwest stations as well. Conditions were terrible for the most part. I heard 4 or 5 MN stations that I ALWAYS work yet I couldn't work them this year. I struggled with N9HAL in WI on 80m as well. Didn't get him.

I know of two 1929'er that passed away including Russ W0CWU (MN) and Ron WA9QNN (WI). There are one or two Midwest participants who are just occasional 29'ers, so between the occasional guys not being there, the SK guys obviously not being there, and the guys I missed due to crappy propagation, I'm easily down 7 or 8 Midwesterners.

I will comment and say that on the 2nd weekend, 40 meters finally opened up to the East Coast later in the afternoon and I was hearing Lou booming in, worked a couple of East Coasters.

73, Scott WA9WFA (MN)

On Dec 17, 2015, at 1:47 PM, "'Steve' ve7sl@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

>> In fact, I don't believe that I heard as many Midwestern stations, as per
>> usual.
>
> Ron - that was my feeling after weekend #1 but I saw most of them by the
> second weekend. Condx were truly awful, almost like a curtain here, from
> Montana east.
>
> I often see condx like this on the low bands in Decemeber...nothing in the
> central states but good signals from the eastern seaboard. I think it's a
> classic single-hop F2 distance, with most of the USA (for me) being in the
> 'quiet' skip zone. It was the same on both weekends but moreso on weekend
> #2.
>

12138. Fwd: [Glowbugs] A Glowbug's Christmas

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-18 11:03:03 UTC
From: Larry Szendrei
Topic: 12138 Message: 12138

Brad AA1IP authored this and posts it on the Glowbugs list every Christmas. I thought you folks might get a kick out of it, if you haven't seen it already. The "grizzled old ham" is supposed to be Frank C. Jones W6ANF who was the main guy originally behind Radio magazine and The Radio Handbook , also sometimes referred to as the "west-coast handbook".

Enjoy!
-Larry/NE1S

On 12/17/15 4:47 PM, Brad Thompson wrote:
> A Glowbug's Christmas
> **********
>
> T'was the night before Christmas
> And all through the shack
> Not a heater was glowing
> In all of the rack.
>
> Sitting totally silent and quiet that night
> The old HRO shedding nary a light.
> The Johnson exciter and its homebrew final
> Felt cold as leftovers, or seat-cover vinyl,
>
> I drowsed at my workbench feeling tired and weary,
> The print in the Handbook looked fuzzy and smeary.
> I thought, "I'll make coffee", and groaned to my feet
> When I heard a loud clatter outside in the street.
>
> What the--? I wondered and turned on the lights
> And there I beheld a wondrous sight:
> A battered old van heaped high with components
> And a grizzled old ham with a bagful of doughnuts.
>
> I noted his callsign-- can't recall it today--
> But a patch on the side read "FMLA".
> I opened the door and hollered "Come in!
> The coffee pot's heating, and we'll sit down and chin!"
>
> He spoke not a word but whistled in Morse
> A "GE OM", and "By golly, I'm hoarse.
> Too many contacts, and hot rosin smoke."
> I nodded and poured him a mug of jamoke.
>
> He emptied the doughnuts in a pile on a plate

> And explained in a whistle, "I'm running real late.
> I've new 6L6s and fine 211s, 6146s and good 'SN7s.
> And 866s and 0B2s, type 45s and mil-spec 807s."
>
> "For the regennie crowd, 201s by the score
> And good ol' type 30s and 19s galore.
> I haven't neglected the passive-parts run
> There's lots of good iron by old Thordarson."
>
> I nodded and smiled, suppressing a chortle
> As he reached in his pack for a 304TL.
> He whistled, "I'm leaving, the coffee was great,
> But I'm overdue in the neighboring state."
>
> "Keep everyone building the rigs of their choosing
> Or we'll lose the bands that we're lazy in using.
> Transistors or tubes-- any project is fine--
> Just keep on constructing and sharing on line."
>
> He leaped to his feet and waved a gloved hand
> As he sprang for the door and his rusty old van.
> I heard him exclaim as he drove away from me,
> "Merry Christmas, you Glowbugs, and to all 73!"
>
> **********
>
> (With apologies to Clement Clarke Moore, who surely would have
> been a ham had radio existed in his time, Alas, all he had
> to build with was words.)
>
> Note: for newcomers to the QRP-L and Glowbug lists, a little research
> online will
> reveal the mysteries of the FMLA...
>
> http://www.sunflower.com/~brainbol/frank/
>
> ...And the rich arcana behind those stubby combinations of letters and
> numbers--
> for example, the 211:
>
> http://vinylsavor.blogspot.com/2012/07/tube-of-month-211-vt4c.html
>
> Permission to reproduce this doggerel for radio-club newsletters is
> hereby granted;
> please credit the author-- AA1IP.
>

12139. Re: [AWA Group] BK QSO Party comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-18 11:44:29 UTC
From: dulmagedon@...
Topic: 12129 Message: 12139

I could hear the Midwest but couldn't get a reply.Was looking at my BK copy sheets the other day. Neil is there and two others (I am upstairs the sheets are downstairs in studio B.) I am not very competitive but I do really enjoy the BK. I find more and more I am operating CW by choice. Did connect with Larry using my No 19 on AM a week or so ago but probably now about 85% of my ops are CW.
donVE3LYX

12140. Parco transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-19 02:11:24 UTC
From: Louis Vermond
Topic: 12140 Message: 12140
Attachments: 1 described; binary payloads are missing from this source WARC

Does a Group member have this? If not, anyone have info? Tks, Lou

Parco transmitter

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12141. Re: [AWA Group] BK QSO Party comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-19 03:59:27 UTC
From: dulmagedon@...
Topic: 12129 Message: 12141

Midwest copied from my BK copy sheets
W0VLZ,W0LOU,WB8WTV
don

12142. RE: [AWA Group] Parco transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-19 04:10:56 UTC
From: Mike Feher
Topic: 12140 Message: 12142
Attachments: 1 described; binary payloads are missing from this source WARC

Parmater Products, Lansing, MI, 1927, 20 or 40 meters. Neat set. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, December 18, 2015 9:11 PM
To: AWAGroup
Subject: [AWA Group] Parco transmitter

Does a Group member have this? If not, anyone have info? Tks, Lou

Parco transmitter

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12143. Re: [AWA Group] Parco transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-19 05:57:13 UTC
From: Louis Vermond
Topic: 12140 Message: 12143
Attachments: 1 described; binary payloads are missing from this source WARC

Parmater Products, Lansing, MI, 1927, 20 or 40 meters. Neat set. 73 - Mike

GM Mike and thank you.

Can you or anyone else here lead me to more photos of this rig. I've looked, but ND. Want to see how it is constructed.

Tks, Lou

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12144. Re: [AWA Group] BK QSO Party comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-19 05:58:07 UTC
From: Louis Vermond
Topic: 12129 Message: 12144

W0LOU Hmmm.. What was he running, Don? Lou

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12145. Re: [AWA Group] BK Legal Tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-19 06:31:25 UTC
From: Louis Vermond
Topic: 12123 Message: 12145

Tnx a lot Lou....better info than I was looking....73, Bill

Bill,

Maybe someone could scan and share the tube list from a 1929 handbook? Lou

---
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https://www.avast.com/antivirus

12146. Re: [AWA Group] BK QSO Party comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-19 11:57:33 UTC
From: dulmagedon@...
Topic: 12129 Message: 12146

I don't know Lou, he is Lou Bozada in Rosebud MO. I was chasing Niel at the time and when I heard his call stuck around to hear it the second time to be sure. Thought of you immediately.
The UV199 I bought is a dud. Heater lights but it wont draw current no matter what.
Just in case it is something I did stupid even with my efforts to test it in socket now someone else is running a Colpitts and it seemed to me they had trouble getting it going. If so What was the trick?
donVE3LYX

12147. Re: [AWA Group] BK QSO Party comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-19 12:26:51 UTC
From: George
Topic: 12129 Message: 12147

Good morning Don,
I wonder if that may have been W0LGU, Tom up in MN? I worked him on 80 and 40 running his '29 mopa.
Just a thought, as that call is pretty close to W0LOU.
It was a pleasure to get you on 80m in the BK, thanks for the QSO. Hope you get that uv199 going.
73, George N3GJ

> On Dec 19, 2015, at 6:57 AM, dulmagedon@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> I don't know Lou, he is Lou Bozada in Rosebud MO. I was chasing Niel at the time and when I heard his call stuck around to hear it the second time to be sure. Thought of you immediately.
> The UV199 I bought is a dud. Heater lights but it wont draw current no matter what.
> Just in case it is something I did stupid even with my efforts to test it in socket now someone else is running a Colpitts and it seemed to me they had trouble getting it going. If so What was the trick?
> donVE3LYX
>
>

12148. Re: [AWA Group] BK QSO Party comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-19 12:36:13 UTC
From: Larry Szendrei
Topic: 12129 Message: 12148

Hi Don,

Before you conclude the UV-199 tube is a dud, try hooking up a pair of 9V batteries, 1Kohm resistor (for current limiting) and a sensitive milliameter all in series and connected between the filament F- terminal (pin 4) and plate (pin 3), with the filament lit (3.0V, positive on pin 1 and negative on pin 4) and the grid (pin 2) also connected to pin 4. I'll take a known good one and put it on my curve tracer and let you know what to expect under these conditions. Off the top of my head I'd guess probably around a milliamp or so, because the tube manual says Ip = 4.5 mA with 90V on the plate and -4.5V on the grid.

Remember the old adage: amplifiers oscillate, and oscillators refuse to. Sometimes.

73,
-Larry/NE1S

On 12/19/15 6:57 AM, dulmagedon@... [AWAGroup] wrote:
>
> I don't know Lou, he is Lou Bozada in Rosebud MO. I was chasing Niel
> at the time and when I heard his call stuck around to hear it the
> second time to be sure. Thought of you immediately.
> The UV199 I bought is a dud. Heater lights but it wont draw current no
> matter what.
> Just in case it is something I did stupid even with my efforts to test
> it in socket now someone else is running a Colpitts and it seemed to
> me they had trouble getting it going. If so What was the trick?
> donVE3LYX
>
>

12149. RE: [AWA Group] Parco transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-19 14:21:09 UTC
From: Mike Feher
Topic: 12140 Message: 12149
Attachments: 1 described; binary payloads are missing from this source WARC

This looks like a pretty recent photo, why don't you ask the owner? I got the info out of Eugene Rippen's book, 2nd edition and it shows a top view but very small. The two large knobs are for condensers and the tube is between the empty space between the first coil from the left and the other two. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, December 19, 2015 12:57 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Parco transmitter

Parmater Products, Lansing, MI, 1927, 20 or 40 meters. Neat set. 73 - Mike

GM Mike and thank you.

Can you or anyone else here lead me to more photos of this rig. I've looked, but ND. Want to see how it is constructed.

Tks, Lou

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12150. Re: [AWA Group] BK QSO Party comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-19 14:42:02 UTC
From: Louis Vermond
Topic: 12129 Message: 12150

Good morning Don, George is probably correct. From a QSZ.Com visit, not likely W0LOU would be a '29er. Tks, George... Lou

I wonder if that may have been W0LGU, Tom up in MN?

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12151. Re: [AWA Group] Parco transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-19 15:06:39 UTC
From: Louis Vermond
Topic: 12140 Message: 12151

This looks like a pretty recent photo, why don't you ask the owner?

Trying to track him down.

Seems vaguely familiar. Did Parmater have very small ads in QST for awhile?

Lou

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https://www.avast.com/antivirus

12152. Re: [AWA Group] BK QSO Party comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-19 17:58:59 UTC
From: dulmagedon@...
Topic: 12129 Message: 12152

Could be. Copy was not great here so a dit to a dah in my old head would be easy. Yes I was trilled to work you. I have my logs sitting right here and there you are. I had just switched to 80M and there you were !
DonVE3LYX

12153. Re: [AWA Group] BK QSO Party comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-19 18:07:25 UTC
From: dulmagedon@...
Topic: 12129 Message: 12153

OK I will try that. I am not going to get much am I? But it will be real QRPp. I have been spoiled running hartleys I guess but thought it was time to expand my horizons.
Sp pos 18v on Plate.meter 1 K resistor and other lead to filament pin 1 with a jumper to grid. Watch the meter. Yes my meter has a 2.5ma range so I should be good. I am assuming so correct me if I am wrong that I should see a change in current with grid hooked and not hooked up? Is that correct?
donVE3LYX

12154. Re: [AWA Group] BK QSO Party comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-19 19:40:07 UTC
From: dulmagedon@...
Topic: 12129 Message: 12154

Ok Larry,
I didnt have a 1 K so I paralleled a pair of 2.2Ks. My meter scale on my new meter goes as low as .5ma (point five) so I used it. Got .045ma (yes less then point one) with no grid to ground connection and it rose to about .055 (just under point zero six ma) Meter in series with resistors and neg lead connected directly to the cathode/heater nut. Not very much but there is some response. However I am suspicious.
donVe3LYX

12155. email address for Tim Walker, Westport, CT?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-19 22:02:07 UTC
From: w0vlz@...
Topic: 12155 Message: 12155

Does anyone have an email address for Tim Walker, Westport, CT? He's running the LC (and asks for log/jpg submissions via email) but his email address is not included on the LC web page at http://www.antiquewireless.org/awa-linc-cundall-memorial-cw-contest.html .

I want to find out if the 40 meter frequencies listed are just recommendations or are they required for valid QSOs.

Niel - W0VLZ

12156. Re: [AWA Group] BK QSO Party comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-19 23:44:13 UTC
From: Niel - W0VLZ
Topic: 12129 Message: 12156

Don't forget the ARRL Straight key night (http://www.arrl.org/straight-key-night) and the Classic Exchange (http://www.classicexchange.org/) as other opportunities to use our BK or LC rigs.

Niel - W0VLZ

> I would like to loudly echo the words of others that have expressed a
> desire for having more of these events per year. The 50 week wait for
> the next BK event, is much too long to wait!

12157. Re: [AWA Group] BK QSO Party comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-20 01:05:08 UTC
From: Larry Szendrei
Topic: 12129 Message: 12157

On 12/19/15 1:07 PM, dulmagedon@... [AWAGroup] wrote:
>
> OK I will try that. I am not going to get much am I? But it will be
> real QRPp. I have been spoiled running hartleys I guess but thought it
> was time to expand my horizons.
>
You could wire the UV-199 into a known working oscillator circuit, like your Hartley or TNT, for a test. But remember the UV-199 is a low-power device, and won't take much abuse. I think maximum plate voltage is 90V, so don't push it much beyond that, and until you get 'er oscillating, I'd be more comfortable around 45 volts. I think we are talking QRPp here. Definitely be careful not to exceed 3.0V on the filament.
>
> Sp pos 18v on Plate.meter 1 K resistor and other lead to filament pin
> 1 with a jumper to grid. Watch the meter. Yes my meter has a 2.5ma
> range so I should be good.
>
Filament pin 4 is F+/B-, so tie both the grid and the series combination of B batteries/resistor/meter to pin 4. Only F- (-3.0V wrt pin 4) goes to pin 1 (but see below).
>
> I am assuming so correct me if I am wrong that I should see a change
> in current with grid hooked and not hooked up? Is that correct?
>
I wouldn't float the grid, it could be dangerous to the tube (but probably not at 18V with a 1Kohm current limiting resistor). A good test would be to observe the change in plate current when you switch the grid from the F+ pin (pin 4) to the F- pin (pin 1). You should see a lower plate current with the grid connected to F- (pin 1), as the grid will be more negative wrt (most of) the filament.

73,
-Larry/NE1S

12158. Re: [AWA Group] BK QSO Party comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-20 01:07:03 UTC
From: Larry Szendrei
Topic: 12129 Message: 12158

On 12/19/15 2:40 PM, dulmagedon@... [AWAGroup] wrote:
>
> Ok Larry,
> I didnt have a 1 K so I paralleled a pair of 2.2Ks. My meter scale on
> my new meter goes as low as .5ma (point five) so I used it. Got .045ma
> (yes less then point one) with no grid to ground connection and it
> rose to about .055 (just under point zero six ma) Meter in series with
> resistors and neg lead connected directly to the cathode/heater nut.
> Not very much but there is some response. However I am suspicious.
> donVe3LYX
>
>
Yeah, it sounds kind of low. But let me collect some data on one of mine
and I'll get back to ya.

12159. Re: [AWA Group] email address for Tim Walker, Westport, CT?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-20 01:10:56 UTC
From: Whitebear1122
Topic: 12155 Message: 12159

Here is TIm's email: w1gig@...

On Dec 19, 2015, at 4:02 PM, w0vlz@aggienetwork.com [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> Does anyone have an email address for Tim Walker, Westport, CT? He's running the LC (and asks for log/jpg submissions via email) but his email address is not included on the LC web page at http://www.antiquewireless.org/awa-linc-cundall-memorial-cw-contest.html .
>
> I want to find out if the 40 meter frequencies listed are just recommendations or are they required for valid QSOs.
>
> Niel - W0VLZ
>
>
>
>
>

12160. Re: [AWA Group] BK QSO Party comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-20 01:37:04 UTC
From: Larry Szendrei
Topic: 12129 Message: 12160

I had the UV-199 pin numbers incorrect in my previous messages, sorry.
It's late (for me, anyway!).
Below I have made the corrections in *bold*:
>
> On 12/19/15 1:07 PM, dulmagedon@... [AWAGroup] wrote:
>>
>> OK I will try that. I am not going to get much am I? But it will be
>> real QRPp. I have been spoiled running hartleys I guess but thought
>> it was time to expand my horizons.
>>
> You could wire the UV-199 into a known working oscillator circuit,
> like your Hartley or TNT, for a test. But remember the UV-199 is a
> low-power device, and won't take much abuse. I think maximum plate
> voltage is 90V, so don't push it much beyond that, and until you get
> 'er oscillating, I'd be more comfortable around 45 volts. I think we
> are talking QRPp here. Definitely be careful not to exceed 3.0V on the
> filament.
>>
>> Sp pos 18v on Plate.meter 1 K resistor and other lead to filament pin
>> 1 with a jumper to grid. Watch the meter. Yes my meter has a 2.5ma
>> range so I should be good.
>>
> Filament *pin 2* is F+/B-, so tie both the grid and the series
> combination of B batteries/resistor/meter to *pin 2*. Only F- (-3.0V
> wrt pin 4) goes to *pin 4* (but see below).
>>
>> I am assuming so correct me if I am wrong that I should see a change
>> in current with grid hooked and not hooked up? Is that correct?
>>
> I wouldn't float the grid, it could be dangerous to the tube (but
> probably not at 18V with a 1Kohm plate current limiting resistor). A
> good test would be to observe the change in plate current when you
> switch the grid from the F+ pin (*pin 2*) to the F- pin (*pin 4*). You
> should see a lower plate current with the grid connected to F- (*pin
> 4*), as the grid will be more negative wrt (most of) the filament.
>
> 73,
> -Larry/NE1S
>

12161. Re: [AWA Group] BK QSO Party comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-20 04:04:22 UTC
From: dulmagedon@...
Topic: 12129 Message: 12161

Yes I did try that and there was a difference. When I build anything now with a direct heated tube I build a resistive network and feed both Fs from the middle of it and bypass them also with caps so Rf is relatively uninhibited . However I followed your instructions as close as was possible. I also redid the circuit as a hartley which takes about a minute to change. It made no difference. I have built so many hartleys I have a hard time counting them Not all stand alone txs but i can build them wthno digrams from memory and they always work so when this one didnt want to go I am suspicious. I could fudge in a 01A fairly easily to make sure the circuit runs. However I got a gut feeling have a worn out tube. The colpitts aside , hartleys are my thing and I dont have any that didnt go so I suspect the tube. I have a bad 45 that act similar. I will check further perhaps tomorrow. my personal appraisal is the tue still responds although somewhat porly but it doesnt have enuf umph to make it go. I will check further. Seems to me only .055ma is not enough to run a radio on. donVE3LYX

12162. 7100-7125?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-20 20:12:54 UTC
From: w0vlz@...
Topic: 12162 Message: 12162

I'm checking my crystal selection in preparation for the LC in less than a month....During the BK what were impressions of 7100-7125 non-CW QRM? I heard digital at the low end and SSB at the high end leaving 7105-7115 for CW. Is this about what others heard?

btw, Tim, W1GIG, did get back to me. It is OK to shift to 7030-7040 during the LC if need be but, of course, it is much preferred to stay on 7100-7125 so that we can find/work each other.

Niel - W0VLZ

12163. Re: [AWA Group] 7100-7125?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-20 20:58:13 UTC
From: Bill Stewart
Topic: 12162 Message: 12163

Niel,
Here in NC, during the BK, I found 40m to be very trashy. ...esp during late afternoon into the evening. But there were times when parts of our BK section was fairly clear. I was getting QRM from SA/Cuba/Mex SSB stns plus the digital at the low end. Sometimes I could squeeze in down at the bottom end just above the digital QRM. With xtals, you may have to hope for good luck in choosing xtal freqs. If possible, you may want to try to have a fairly good choice of rocks. With our low BK power, the above condx can be tuff on the ears of the rcving stn. One advantage in the LC is that some of us can run a tad more power plus some of our rigs may not have some of the characteristic notes of our '29ers, some of which were hard to copy amongst the QRM. Something else you might consider is listen around at the general times you plan to operate and see what, if any clear spots might be consistently free of QRM. GL in your xtal choices and in the LC...73 de Bill K4JYS

From: "w0vlz@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Sunday, December 20, 2015 3:12:54 PM
Subject: [AWA Group] 7100-7125?

I'm checking my crystal selection in preparation for the LC in less than a month....During the BK what were impressions of 7100-7125 non-CW QRM? I heard digital at the low end and SSB at the high end leaving 7105-7115 for CW. Is this about what others heard?

btw, Tim, W1GIG, did get back to me. It is OK to shift to 7030-7040 during the LC if need be but, of course, it is much preferred to stay on 7100-7125 so that we can find/work each other.

Niel - W0VLZ

12164. Re: [AWA Group] 7100-7125?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-21 01:49:03 UTC
From: dulmagedon@...
Topic: 12162 Message: 12164

Crystals? I hadn't thought of that. I have a 1943 breadboard set for 80M. Maybe we should compile a list of what rocks we got so we will know where to be with our rockbound rigs.
I have
3560
3561
3579
3580

12165. 73, Lou VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-24 01:30:47 UTC
From: Louis Vermond
Topic: 12165 Message: 12165
Attachments: 1 described; binary payloads are missing from this source WARC

Wireless World
December, 1919

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https://www.avast.com/antivirus

12166. VE3AWA Kelley Log

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-24 01:46:31 UTC
From: Louis Vermond
Topic: 12166 Message: 12166
Attachments: 2 described; binary payloads are missing from this source WARC

Others please...

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https://www.avast.com/antivirus

12167. UV199TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-24 03:38:49 UTC
From: dulmagedon@...
Topic: 12167 Message: 12167
Attachments: 1 described; binary payloads are missing from this source WARC

Joe asked tonite about the UV199TX. Here it is awaiting a good tube. Just a standard Coplitts shunt fed self controlled osc.
Also when I took this photo I stayed to run my breadboard 6l6 Tx for a bit and its regen mate. I had reworked the regen today to remove some hand cap problems and am happy to say it was most successful. I can even copy SSB signals easily now.
Have to stay up till 3 AM to hear SAQ broadcast (8:00 UTC) Installed a VLF SDR in my notebook and made an antenna coupler per instructions provided. Here's hoping.
donVE3LYX

12168. UV199 TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-24 08:44:03 UTC
From: N3IBX
Topic: 12168 Message: 12168

Hello Don,
It was a real pleasure talking to you, Lou, and Jim on 75M SSB last night on the "MSN" (Maple Syrup Net).

I read your post about your UV199 TX. You mentioned that you are: "awaiting a tube" for it. Do you need a UV199 (short pin) or a
UX199 (long pin) tube with good emission for your transmitter? If that is what is keeping it from being on the air please let me know;
and send a email directly to me at: n3ibx@....

Beside it being "Christmas" and "Boxing Day" within the next few days, I know the "199 Tube Fairy" and could put in a good word for you!

Merry Christmas and a HNY to all

Mod-U-Lator,
Joe Cro N3IBX

12169. Re: [AWA Group] UV199TX [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-24 13:27:25 UTC
From: Larry Szendrei
Topic: 12167 Message: 12169

On 12/23/15 10:38 PM, dulmagedon@... [AWAGroup] wrote:
>
> Have to stay up till 3 AM to hear SAQ broadcast (8:00 UTC) Installed a
> VLF SDR in my notebook
>
Don, are you referring to saqrx.exe?

I've played with it, but haven't hooked an antenna to my soundcard since downloading it. At least 10 years ago, probably before this program existed, I had a program called Spectrogram, or something like that, which produced a frequency domain display of whatever signal you poked into your soundcard. If you hooked an antenna up, it was a visual VLF receiver. I had tried to receive SAQ on that; no joy.

I've thought about doing a timed video, or at least audio, recording of the SAQ frequency so I don't have to be awake at that ungodly hour. I haven't had time to investigate any video or audio recording programs that have a timer function, and I didn't realize SAQ was going to be active last night.

BTW, I still owe you some data on a good UV-199. Been extremely busy, but will try to get to it soon.

73,
-Larry/NE1S

12170. Re: [AWA Group] UV199TX [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-24 16:05:54 UTC
From: dulmagedon@...
Topic: 12167 Message: 12170

SAQ VO94, Comes with the timed recorder. I was up then and there was definatley activity but there is a glich between what Apps my notebook has and what they require. I did make both an RF recording and a AF recording. He(Johan) said don't throw in the towel if you are not successful the first time. So I don't know yet. I should have used my laptop which is no longer on the internet. Ithas dual inputs distinct. This has only an earphone jack and apparently his program repurposes it for input. Seems wierd to me. I tried my Sig gen, My Eico but it has no output on any band now so I will have to revive my Stark or wind a coil for my GDO. There is another broadcast in Feb I believe. What really threw me was his last comment on his help section. "Make sure you know what you are doing " I don't! I haven't a clue on computers.. I built a coupler, a pair of 1n94a back to back parallel (Here that is for me a normal CW pre- Clipper circuit when I am working in Solid State.) and he said a resistor but didn't say what. Since current is low I figured probably not critical or he would have said so so I popped in a 2.2 K left over from my tube tests. You owe me nothing Larry. You guidance was as usual excellent and I am as sure as I can possible be this tube would test as my Ancestor would have said "KAPUT" oder "shrott". Don't worry. enjoy your holiday. Hope to catch you on 40M again with my now Hi Power No 19 set.
Merry Christmas to ALL and Good DX in New Year.
donVE3LYX

12171. Dream Station Location

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-24 17:36:26 UTC
From: Louis Vermond
Topic: 12171 Message: 12171

GM,

Suggest you take a few and QRZ.com KB0MM. Note the "shack".

Maybe Burt will post a few interior shots here....

73, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12172. 2015 BK log for NE1S

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-26 18:40:49 UTC
From: Larry Szendrei
Topic: 12172 Message: 12172
Attachments: 1 described; binary payloads are missing from this source WARC

Scott and AWA Group list,

I have attached my log for the 2015 BK. 33 contacts total.

I was not very active the 2nd weekend as we had learned the previous Monday that our beloved cat Casper was terminally ill; his kidneys had failed, and most of my enthusiasm for the BK and a lot of other things disappeared for a while. We ended up having to put him to sleep the Thursday following the 2nd weekend.

73,
-Larry/NE1S

12173. Re: [AWA Group] UV199TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-26 22:21:46 UTC
From: Larry Szendrei
Topic: 12167 Message: 12173
Attachments: 1 described; binary payloads are missing from this source WARC

Don (and list);

I finally got to getting a family of curves for a good used '99. I used a UX-199, electrically identical to the UV-199, but easier for me to make connections to: I don't have a UV-199 socket that isn't already in a radio.

Horizontal scale is 5V/division, vertical scale is 0.1mA/division, the grid is stepped at -2V/step, with the top (leftmost) curve being Vg=0V. Although there are some artifacts due to capacitance in the setup, I'm seeing Ip=0.9mA at Vp=20V and Vg=0V, slightly less than 0.9mA at Vp=18V, where you took your data. Based on what you observed, I agree your tube is a dud. Did you use 3.0V on the filament, and did it even light up?

Hope this helps and 73,
-Larry/NE1S

12174. Re: [AWA Group] UV199TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-27 00:06:54 UTC
From: dulmagedon@...
Topic: 12167 Message: 12174

Thanks Larry,
Yes I had 3 volts and it did light and still does. That is quite a difference. I bought one from Stone Vintage Radio. Tested and good. Hopefully it comes soon. Joe N3IBX has offered a back up if I need it.
Thanks again and sorry about Casper.
73s DonVE3LYX

12175. Re: [AWA Group] 2015 BK log for NE1S [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-27 10:03:10 UTC
From: N1BUG
Topic: 12172 Message: 12175

Larry,

My condolences on the loss of Casper. It hurts to see them get sick or lose them. My furry family member turns 11 in less than two weeks.

Hopefully I will get my BK log typed up and submitted today during the snow storm. I have been busy, busy, busy since the BK. Just when I think things are going to slow down, everything jumps into hyper drive.

73,
Paul

12176. Re: [AWA Group] 2015 BK log for NE1S

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-27 13:29:08 UTC
From: Larry Szendrei
Topic: 12172 Message: 12176

On 12/27/15 5:03 AM, N1BUG paul@... [AWAGroup] wrote:
>
> Larry,
>
> My condolences on the loss of Casper. It hurts to see them get sick or
> lose them. My furry family member turns 11 in less than two weeks.
>

Thanks, Paul. Casper lived just short of 8 years; the following Tuesday
would have been his 8th birthday. We were expecting him to live well
into his teens, but, of course, there is no guarantee that any
individual will exhibit close to the average life span. I certainly hope
your "furry family member" lives a long, healthy, happy life.

>
> Hopefully I will get my BK log typed up and submitted today during the
> snow storm. I have been busy, busy, busy since the BK. Just when I
> think things are going to slow down, everything jumps into hyper drive.
>

Know the feeling...

73,
-Larry/NE1S

12177. RE: [AWA Group] UV199TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-27 16:38:35 UTC
From: Mike Feher
Topic: 12167 Message: 12177

Ah, good old Howard Stone. He has been to my house numerous times and a lot of his nicer and rarer sets came from my collection. Till his retirement he lived in TX and was a professor of Theology at the UT at Fort Worth. He does have a PhD in Theology and is an ordained minister. He is one of the good guys in collecting. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, December 26, 2015 7:07 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] UV199TX

Thanks Larry,
Yes I had 3 volts and it did light and still does. That is quite a difference. I bought one from Stone Vintage Radio. Tested and good. Hopefully it comes soon. Joe N3IBX has offered a back up if I need it.
Thanks again and sorry about Casper.
73s DonVE3LYX

12178. RE: [AWA Group] UV199TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-27 19:05:57 UTC
From: Don Dulmage
Topic: 12167 Message: 12178

Mike, Do you have any experience with the TBX8 transceiver?
donVE3LYX

On Sun, 12/27/15, 'Mike Feher' n4fs@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: RE: [AWA Group] UV199TX
To: AWAGroup@yahoogroups.com
Received: Sunday, December 27, 2015, 11:38 AM

Ah, good old Howard
Stone. He has been to my house numerous times and a lot of
his nicer and rarer sets came from my collection. Till his
retirement he lived in TX and was a professor of Theology at
the UT at Fort Worth. He does have a PhD in Theology and is
an ordained minister. He is one of the good guys in
collecting. 73 – Mike
 Mike B. Feher,
N4FS89 Arnold
Blvd.Howell, NJ,
07731732-886-5960
 From: AWAGroup@yahoogroups.com
[mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, December 26, 2015 7:07
PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group]
UV199TX   Thanks Larry,
Yes I had 3 volts and it did light and still
does. That is quite a difference. I bought one from Stone
Vintage Radio. Tested and good. Hopefully it comes soon. Joe
N3IBX has offered a back up if I need it.
Thanks again and sorry about Casper.
73s DonVE3LYX

12179. RE: [AWA Group] UV199TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-27 19:17:53 UTC
From: Mike Feher
Topic: 12167 Message: 12179

Don –

I have three or four, but I never had any of them on the air. Do not expect too much from them. They do look real neat however. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, December 27, 2015 2:06 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] UV199TX

Mike, Do you have any experience with the TBX8 transceiver?
donVE3LYX

On Sun, 12/27/15, 'Mike Feher' n4fs@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: RE: [AWA Group] UV199TX
To: AWAGroup@yahoogroups.com
Received: Sunday, December 27, 2015, 11:38 AM

Ah, good old Howard
Stone. He has been to my house numerous times and a lot of
his nicer and rarer sets came from my collection. Till his
retirement he lived in TX and was a professor of Theology at
the UT at Fort Worth. He does have a PhD in Theology and is
an ordained minister. He is one of the good guys in
collecting. 73 – Mike
Mike B. Feher,
N4FS89 Arnold
Blvd.Howell, NJ,
07731732-886-5960
From: AWAGroup@yahoogroups.com
[mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, December 26, 2015 7:07
PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group]
UV199TX Thanks Larry,
Yes I had 3 volts and it did light and still
does. That is quite a difference. I bought one from Stone

Vintage Radio. Tested and good. Hopefully it comes soon. Joe N3IBX has offered a back up if I need it.
Thanks again and sorry about Casper.
73s DonVE3LYX

12180. RE: [AWA Group] UV199TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-27 22:36:47 UTC
From: dulmagedon@...
Topic: 12167 Message: 12180

I missed one on Ebay a couple of weeks ago. Got smoked in the last 60 seconds. Thought I had it in the bag. Are they hard to find? Where to look?
Yes They are a neat looking set to my eyes. Not too powerful I understand but neat looking.
donVE3LYX

12181. Re: [AWA Group] 2015 BK log for NE1S

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-28 13:12:02 UTC
From: N1BUG
Topic: 12172 Message: 12181

Casper lived just short of 8 years; the following Tuesday would have been his 8th birthday.

That is a short life, but as you say no living creature has any guarantee of longevity. I'm sure Casper lived a good life.

I certainly hope your "furry family member" lives a long, healthy, happy life.

Thanks. Boo seems to be doing well so far. He may be the world's most accomplished feline thief but I love him dearly. He specializes in small items but has taken things as awkward as my 16 Oz hammer on occasion!

73,
Paul N1BUG

12182. Re: [AWA Group] 2015 BK log for NE1S

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-28 16:44:05 UTC
From: Don Dulmage
Topic: 12172 Message: 12182

Our cat Scooter used to put money on the bed. Where depended who he was happy with. Sometimes it would be on my side if I had done something for him and sometime on Linda's. Usually dimes but once a quarter. We never ever saw him do it. It would just be there. Now he puts his Catnip fish on whoever's chair he is happy with but also we have never seen him do it. I thought I had it made at first (like the goose with the golden eggs) then realized it was change from my dresser or what may have fallen out of my pockets that I didn't see. Anyway they are a member of the family. Sometimes better behaved.
Meanwhile , back in the shack, I have dragged out my 1923 vibroplex and am doing practice everyday. Way back when I used code (by law) I used a Speedex key for my right hand and trained myself to send on the heathkit paddle keyer with the left. I am too now and have been away from code till recently for many years , decades even, so such antics are now beyond me however I can still run the paddles a bit with my right hand and hope by Linc C I am OK with them.
BTW heard "anyoneS" as Tim calls him and Tim HLR on the Heavy Night fest last night. Tim was iffy but Larry's PM rig was banging in here about 5X9. I was on the 80M ARC5 and listening on the BC454 but didn't have enough suds to jump in. Not that I didn't try. Big group. Lots of powerful rigs.
donVE3LYX

On Mon, 12/28/15, N1BUG paul@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] 2015 BK log for NE1S
To: AWAGroup@yahoogroups.com
Received: Monday, December 28, 2015, 8:12 AM

Casper lived just short of 8 years; the following
Tuesday would have
been his 8th birthday.

That is a short life, but as you
say no living
creature has any guarantee of longevity. I'm sure
Casper lived a
good life.

I certainly hope your "furry family member"
lives a long, healthy,
happy life.

Thanks. Boo seems to be doing well
so far. He
may be the world's most accomplished feline thief
but I love him
dearly. He specializes in small items but has taken
things as
awkward as my 16 Oz hammer on occasion!

73,

Paul N1BUG

12183. Cats & Heavy Metal Night

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-28 17:16:54 UTC
From: Larry Szendrei
Topic: 12172 Message: 12183

On 12/28/15 11:44 AM, Don Dulmage dulmagedon@... [AWAGroup] wrote:
>
> Our cat Scooter used to put money on the bed. Where depended who he
> was happy with. Sometimes it would be on my side if I had done
> something for him and sometime on Linda's. Usually dimes but once a
> quarter. We never ever saw him do it. It would just be there. Now he
> puts his Catnip fish on whoever's chair he is happy with but also we
> have never seen him do it. I thought I had it made at first (like the
> goose with the golden eggs) then realized it was change from my
> dresser or what may have fallen out of my pockets that I didn't see.
> Anyway they are a member of the family. Sometimes better behaved.
>
Great cat story, Don. Thanks for sharing it. Each one is unique, and
each does unique things.
When I was a freshman in high school we had a cat that would chase
ping-pong balls when they left the table. He'd bat it all around the
room until he got it in a corner, where he would pick up the ping-pong
ball in his mouth, bring it back to one of us, and drop it in our open hand.
>
>
> BTW heard "anyoneS" as Tim calls him and Tim HLR on the Heavy Night
> fest last night. Tim was iffy but Larry's PM rig was banging in here
> about 5X9. I was on the 80M ARC5 and listening on the BC454 but didn't
> have enough suds to jump in. Not that I didn't try. Big group. Lots of
> powerful rigs.
>
Only 5x9? ;-)

Yep, I was running the homebrew PDM transmitter. Amperex 7527A finals
(2) series-plate modulated in the negative power supply lead with a
class D 833A triode modulator. I was in there from about 7 -8:30PM EST.
Tim was running his "Viking 1.5," which runs about 150W of carrier out.
Thanks for the report, Don.

73,
-Larry/NE1S

12184. RE: [AWA Group] UV199TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-28 17:25:29 UTC
From: Mike Feher
Topic: 12167 Message: 12184

Well, you are looking at the best place to get one. Do not see them at hamfests too often. Yep, if I want something really bad I do not bid till about the last few seconds, same as everyone else, HI. I hardly ever win a “rare” or “scarce” item if I place a decent bid early. There are guys that will bid 20 or more time in small increments till they outbid you. Then of course they lose to someone else the last second or so. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, December 27, 2015 5:37 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] UV199TX

I missed one on Ebay a couple of weeks ago. Got smoked in the last 60 seconds. Thought I had it in the bag. Are they hard to find? Where to look?
Yes They are a neat looking set to my eyes. Not too powerful I understand but neat looking.
donVE3LYX

12185. Re: [AWA Group] Cats & Heavy Metal Night

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-28 18:23:14 UTC
From: Don Dulmage
Topic: 12172 Message: 12185

A BC454 doesn't have a meter but if you need to know at one point it was the strongest signal I heard all night. Maybe 15 minutes before you signed. Could almost hear your heartbeat!
donVE3LYX

On Mon, 12/28/15, Larry Szendrei ne1s@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] Cats & Heavy Metal Night
To: AWAGroup@yahoogroups.com
Received: Monday, December 28, 2015, 12:16 PM

On
12/28/15 11:44 AM, Don Dulmage
dulmagedon@...
[AWAGroup] wrote:

Our cat Scooter used to put money on the bed.
Where
depended who he was happy with. Sometimes it
would be on
my side if I had done something for him and
sometime on
Linda's. Usually dimes but once a quarter.
We never ever
saw him do it. It would just be there. Now he
puts his
Catnip fish on whoever's chair he is happy
with but also
we have never seen him do it. I thought I had
it made at
first (like the goose with the golden eggs)
then realized
it was change from my dresser or what may have
fallen out
of my pockets that I didn't see. Anyway
they are a member
of the family. Sometimes better behaved.

Great cat story, Don. Thanks for sharing it. Each one is
unique, and
each does unique things.

When I was a freshman in high school we had a cat that
would chase
ping-pong balls when they left the table. He'd bat
it all around the

room until he got it in a corner, where he would pick up
the
ping-pong ball in his mouth, bring it back to one of us,
and drop it
in our open hand.

BTW heard "anyoneS" as Tim calls him
and Tim HLR on the
Heavy Night fest last night. Tim was iffy but
Larry's PM
rig was banging in here about 5X9. I was on
the 80M ARC5
and listening on the BC454 but didn't have
enough suds to
jump in. Not that I didn't try. Big group.
Lots of
powerful rigs.

Only 5x9? ;-)

Yep, I was running the homebrew PDM transmitter. Amperex
7527A
finals (2) series-plate modulated in the negative power
supply lead
with a class D 833A triode modulator. I was in there
from about 7
-8:30PM EST. Tim was running his "Viking 1.5,"
which runs about 150W
of carrier out. Thanks for the report, Don.

73,

-Larry/NE1S

12186. Drawing Program

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-31 00:30:35 UTC
From: Bill Stewart
Topic: 12186 Message: 12186

GE All,
Recently my XP computer broke and I had to get a new one which has Win 10Pro. With the XP, I was using Acad V14, which I used a lot for QSL cards and many other drawings. Now V14 won't work with the new computer. Anyone using a free drawing program that works with Win 10 and is capable of being used for QSL card drawing, numerous text fonts, schematics, parts drawings, replica parts labels, etc.

Thanks for any comments.....and of course a Happy New Year to all!
73 de Bill K4JYS

12187. Re: Drawing Program

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-31 01:18:06 UTC
From: kk7uv@...
Topic: 12186 Message: 12187

I've been using MS Paint. WD4NKA has a decent schematic symbol library called Tubepad on his webpage. I've used it for QSL cards and parts labels also.

Steve KK7UV

12188. Re: [AWA Group] Drawing Program

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-31 11:14:27 UTC
From: Larry Szendrei
Topic: 12186 Message: 12188

On 12/30/15 7:30 PM, Bill Stewart cwopr@... [AWAGroup] wrote:
> GE All,
> Recently my XP computer broke and I had to get a new one which has
> Win 10Pro. With the XP, I was using Acad V14, which I used a lot for
> QSL cards and many other drawings. Now V14 won't work with the new
> computer. Anyone using a free drawing program that works with Win 10
> and is capable of being used for QSL card drawing, numerous text fonts,
> schematics, parts drawings, replica parts labels, etc.
>
> Thanks for any comments.....and of course a Happy New Year to all!
> 73 de Bill K4JYS
>
> ---
> O_,_._,___

I use Open Office for word processing, spreadsheets, and drawing. They call Open Office a "suite" of programs (think MIcrosoft Office, but in my opinion better, and, of course, free). Included is also a presentation program in the suite analogous to MS Powerpoint, but I haven't had to make a presentation since I retired 5.5 years ago :-) The drawing program in Open Office is pretty easy to use. I'm not familiar with Acad, so can't comment on whether you'll find the drawing program in Open Office suitable for your needs. For schematics, JSchem is probably better than a generic drawing program. I don't know that these programs work under Windows 10, but I'd be surprised if they didn't. (The most up-to-date Windows operating system I have experience with is XP.) The Macbook I'm using now is my main computer and I have another older Mac, an Ubuntu Linux, and XP box here which all get used from time to time. I have Open Office and JSchem on both Macs and the XP machine. In Linux, Open Office is called Libre Office or something like that, but it is basically the same thing from the same folks.

73,
-Larry/NE1S

12189. Mag Loop Antenna

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-31 11:45:26 UTC
From: dulmagedon@...
Topic: 12189 Message: 12189

I have been working on a MAG LOOP Antenna for my low power rigs. Whether it is any good I should know soon. I don't know much about the history of these things or when they first appeared but most who use them seem to like them. With a little luck I will be testing this afternoon.
Enjoyed some "maple syrup" (N3IBX & VE3LYX aka the two Xs) last evening but a couple of the "pancakes" were missing. It will be a few months before I will have a free wed evening again.
DonVE3LYX

12190. Re: Drawing Program

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-31 14:36:58 UTC
From: kk7uv@...
Topic: 12186 Message: 12190

I have also used GIMP. It does much more than Paint but also takes longer to learn it's features.

-Steve

12191. Re: [AWA Group] Mag Loop Antenna

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-31 15:12:55 UTC
From: Larry Szendrei
Topic: 12189 Message: 12191

On 12/31/15 6:45 AM, dulmagedon@... [AWAGroup] wrote:
>
> I have been working on a MAG LOOP Antenna for my low power rigs.
> Whether it is any good I should know soon. I don't know much about the
> history of these things or when they first appeared but most who use
> them seem to like them. With a little luck I will be testing this
> afternoon.
>

Ted (aka "the QSO wrecking ball") K1QAR was using one of these and had a good signal on 75M and 160M here from the Boston area. He has a lot of experience with them. He mentioned the other day when we were talking about RF exposure limits, etc., that the near-field field strength from these antennas is a lot higher than "conventional" antennas, so for those of you how run power, make sure you don't "cook" yourself!

> Enjoyed some "maple syrup" (N3IBX & VE3LYX aka the two Xs) last
> evening but a couple of the "pancakes" were missing. It will be a few
> months before I will have a free wed evening again.
>

Since I make my own maple syrple (intended misspelling) and like talking with you, Lew and JoeI oughta check into this net. What frequency and what time does it meet?

73,
-Larry/NE1S

12192. Re: [AWA Group] Mag Loop Antenna

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-31 15:45:41 UTC
From: Don Dulmage
Topic: 12189 Message: 12192

730 PM EST wednesdays. Lou is NC usually.he misssed last evening but Pete W1VZR whom you probably know was in there. The band went for a crap about 8 and signals when from 20 over to "waddie say?" almost instantly but I could hear Pete and Joe could hear him so we finished it off anyway.
Yes I was talking with the XYL at breakfast today about how some folks run Mag loops in their shack and how I don't think that is wise. I am even nervous about a attic install. I have an old cement base with a pole hole in the back yard about 10feet out from my shack window and enough coax already out there to hook it up so that is where it is going. Just waiting for the paint to dry. Tuning will be a pain so I will probably use it on my rock bound rig mostly.
donVE3LYX Happy New Year

On Thu, 12/31/15, Larry Szendrei ne1s@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Mag Loop Antenna
To: AWAGroup@yahoogroups.com
Received: Thursday, December 31, 2015, 10:12 AM

On
12/31/15 6:45 AM,
dulmagedon@...
[AWAGroup] wrote:

I have been working on a MAG LOOP Antenna
for my low
power rigs. Whether it is any good I should
know soon. I
don't know much about the history of these
things or when
they first appeared but most who use them seem
to like
them. With a little luck I will be testing
this afternoon.

Ted (aka "the QSO wrecking ball") K1QAR was
using one of these and
had a good signal on 75M and 160M here from the Boston
area. He has
a lot of experience with them. He mentioned the other
day when we
were talking about RF exposure limits, etc., that the
near-field
field strength from these antennas is a lot higher than
"conventional" antennas, so for those of you
how run power, make
sure you don't "cook" yourself!

Enjoyed some "maple syrup" (N3IBX
& VE3LYX aka the
two Xs) last evening but a couple of the
"pancakes" were
missing. It will be a few months before I will
have a free
wed evening again.

Since I make my own maple syrple (intended misspelling)
and like
talking with you, Lew and JoeI oughta check into this
net. What
frequency and what time does it meet?

73,

-Larry/NE1S

12193. Re: [AWA Group] Mag Loop Antenna

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-31 16:09:36 UTC
From: Larry Szendrei
Topic: 12189 Message: 12193

On 12/31/15 10:45 AM, Don Dulmage dulmagedon@... [AWAGroup] wrote:
>
> 730 PM EST wednesdays.
>

What frequency?
>
> Lou is NC usually.he misssed last evening but Pete W1VZR whom you
> probably know was in there. The band went for a crap about 8 and
> signals when from 20 over to "waddie say?" almost instantly but I
> could hear Pete and Joe could hear him so we finished it off anyway.
>

12194. Russian Rigs 1927-8

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-31 18:40:05 UTC
From: Louis Vermond
Topic: 12194 Message: 12194
Attachments: 1 described; binary payloads are missing from this source WARC

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12195. RE: [AWA Group] Russian Rigs 1927-8 [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-31 18:57:13 UTC
From: Steve Flood
Topic: 12194 Message: 12195

Interesting that any Soviet had the time, money, comfort, or leisure to build and operate rigs in the social upheaval and famines of that era.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12196. Re: [AWA Group] Russian Rigs 1927-8

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-31 19:25:02 UTC
From: Larry Szendrei
Topic: 12194 Message: 12196

On 12/31/15 1:57 PM, 'Steve Flood' kk7uv@... [AWAGroup] wrote:
>
> Interesting that any Soviet had the time, money, comfort, or leisure
> to build and operate rigs in the social upheaval and famines of that era.
>
>

Only loyal Party members in good standing with friends in the right
places...

73,
-Larry/NE1S

12197. Tonite

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-31 21:55:46 UTC
From: dulmagedon@...
Topic: 12197 Message: 12197

Anyone planning to play in the SKN?
donVe3LYX

12198. Re: [AWA Group] Tonite

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-31 22:35:10 UTC
From: Niel - W0VLZ
Topic: 12197 Message: 12198

Not tonight but will tomorrow.

Niel - W0VLZ

dulmagedon@... [AWAGroup] wrote:
>
> Anyone planning to play in the SKN?
> donVe3LYX
>
>
>

12199. Re: [AWA Group] Re: Drawing Program

Yahoo group: AWAGroup (2014 — 2016)
Date: 2015-12-31 23:02:45 UTC
From: Bill Stewart
Topic: 12186 Message: 12199

Steve and Larry...tnx for the drawing info. I'll ck out your suggestions.
HNY....de Bill K4JYS

----- Original Message -----

From: "kk7uv@bresnan.net [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Thursday, December 31, 2015 9:36:58 AM
Subject: [AWA Group] Re: Drawing Program

I have also used GIMP. It does much more than Paint but also takes longer to learn it's features.

-Steve

12200. Re: [AWA Group] Mag Loop Antenna

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-01 15:12:05 UTC
From: dulmagedon@...
Topic: 12189 Message: 12200

Freq? That is up to NC Lou.
I have the Mag Loop running. Very touchy on the tune. I don't know what to think. I have it on my homebrew AM transceiver, a screen modded 6v6 and am tuned up on 7290kcs so I may try it off and on for a few days. I am not at this moment bubbling with enthusiasm. Is it workable? Yes. Is it wonderful. Probably not. At the moment I don't think it will see my pre 29 rigs. It is though very portable.
donVE3LYX

12201. Clever mounting

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-01 17:55:16 UTC
From: Louis Vermond
Topic: 12201 Message: 12201

http://www.ebay.com/itm/Antique-Crystal-Radio/252229458376?_trksid=p5411.c100167.m2940&_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D20140131123730%26meid%3D8b21085556e54cc09c8a81399918d73d%26pid%3D100167%26rk%3D1%26rkt%3D2%26sd%3D201494722172

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12202. Mag Loop Antenna & Maple Syrup Net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-01 20:56:51 UTC
From: Louis Vermond
Topic: 12202 Message: 12202

Since I make my own maple syrple (intended misspelling) and like talking with you, Lew and JoeI oughta check into this net. What frequency and what time does it meet?

73, -Larry/NE1S

Rats! I forgot. Too much going on this time of year.
Larry, Wednesdays at 7:30PM on 3838 kc. OT ham radio dominates the conversation. All welcome.

73, Lou
VE3AWA

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12203. Re: [AWA Group] Mag Loop Antenna & Maple Syrup Net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-01 20:58:19 UTC
From: Larry Szendrei
Topic: 12202 Message: 12203

On 1/1/16 3:56 PM, 'Louis Vermond' ldvermond@... [AWAGroup] wrote:
>
> □
>
>> Since I make my own maple syrple (intended misspelling) and like
>> talking with you, Lew and Joel oughta check into this net. What
>> frequency and what time does it meet?
>>
>> 73, -Larry/NE1S
>> Rats! I forgot. Too much going on this time of year.
>> Larry, Wednesdays at 7:30PM on 3838 kc. OT ham radio dominates the
>> conversation. All welcome.
>> 73, Lou
>> VE3AWA
>>
Thanks, Lou. I'll make it a point to drop by

-'1S

12204. Re: [AWA Group] Mag Loop Antenna & Maple Syrup Net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-01 21:11:12 UTC
From: Louis Vermond
Topic: 12202 Message: 12204

Thanks, Lou. I'll make it a point to drop by -'1S Good.

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https://www.avast.com/antivirus

12205. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-02 10:43:51 UTC
From: Louis Vermond
Topic: 130 Message: 12205

Pair of Very Unusual Circa 1920's Anti- microphonic Four-pin Bayonet Type Tube Sockets

http://www.ebay.com/itm/2-CIRCA-1920s-4-PIN-TUBE-SOCKETS-f-TRF-RECEIVER-AUDIO-AMPLIFIER-BAYONET-/262219427387?hash=item3d0d7eee3b:g:~rwAAOSwnipWUQf4

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https://www.avast.com/antivirus

12206. How a Crystal Radio Works

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-02 19:14:53 UTC
From: Louis Vermond
Topic: 12206 Message: 12206

https://www.youtube.com/watch?v=0-PParSmwtE

You may know, but here the excitement is in the telling.

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12207. A 1938-style home-brew superhet

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-03 02:43:34 UTC
From: Louis Vermond
Topic: 12207 Message: 12207

http://www.antiqueradios.com/forums/viewtopic.php?f=12&t=287609

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https://www.avast.com/antivirus

12208. Waiting for goodies

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-03 10:49:30 UTC
From: dulmagedon@...
Topic: 12208 Message: 12208

I found available a original Dynamotor PSU for my Mk11 No 19 WS and was able to make a reasonable deal. I wish to thank again for the heads up here on the original Kijiji ad that I bought the No 19 sets from. I have had a lot of fun , especially since implementing my mod which allows normal power out and takes it from a curiosity to a very useable radio. I make at least one QSO per day with it and am getting good reports from most. I love its WW2 style audio! Sounds to me like it should have in 1943 which is what I want. I have also done some CW work with it including a successful "pond hop" which was received on a No 52 W S making it period correct both sides of the ocean. Would like to try it on MCW but don't know if that is OK Regs wise and who would I talk to? I also have a BC454 I need a bottom plate for but it works and I use it with my ARC5 stuff. My replacement uv199 has passed USPS Chicago sorting so hopefully will find its way here in a couple of days. I am anxious to get the little rig going. Made two mag loops this week. I think I would rather have a 80M vertical. I have also been practicing with my Vibroplex bug , inspired by Paul's comments last BK. I am getting more comfortable with it everyday. I have been using it a bit on my 6l6 breadboard rig but mostly on a piezo buzzer. If I can stay cool I am ok with it and probably about 14wpm which is for me with in my comfort zone. (10 to 15) Been doing a lot of Cw ops lately. Last night I thought I heard Neil coming back to me but if it was he was in a gone in a minute. 80M band the last two days has been really weird. Propagation changes by the minute. Got the 211 Hartley (40M) and the 6l6 breadboard (80M)ready for the LC event.Got to get more rocks for the breadboard. or move a few that are low up to in band. Great hobby! Love that1938 superhet build BTW. A very good implementation of the original plan.
donVe3LYX

12209. Waiting for goodies....MCW

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-03 11:40:36 UTC
From: Louis Vermond
Topic: 12209 Message: 12209

Would like to try it on MCW but don't know if that is OK Regs wise and who would I talk to?

GM Don,

Canadian hams can use MCW on most bands. Go to Industry Canada Amateur Radio for confirmation.

CUC, Lou

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https://www.avast.com/antivirus

12210. Re: Waiting for goodies....MCW

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-03 13:28:49 UTC
From: dulmagedon@...
Topic: 12209 Message: 12210

Thanks Lou. BTW 80M is really good at the moment. Logged several this morning with No 19. AM mode today.
donVe3LYX

12211. MOPA thoughts

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-04 01:02:27 UTC
From: Eric NO3M
Topic: 12211 Message: 12211

Hello

In preparation for this year's BK Party (2016), I put together a 45 (Hartley) / 865 MOPA over the last several days, currently built for 160M. After going through some initial tests and tuneup, there are a few observations that I'm wondering if anyone can provide insight upon.

I've built various self-excited rigs for 630M and 160M (Hartleys, TPTG, TNT) and a few MOPA (809/811, etc.). My current mainstay homebrew vintage rigs are a pair of 89 / 802 / 811 MOPAs, one for 630M and the other for 160/80M with plugin coils:

http://no3m.net/vintage/630m-mopa/
http://no3m.net/2015/10/mopa-transmitter-in-stew-perry-tbdc-warmup/

They work very well, are stable and have a DC note (89 Clapp regulated screen voltage).

Some things peculiar with the 45 / 865 rig. When the 865 amp tank is tuned for resonance / best efficiency, the note has some prominent 60 Hz sidebands, the ones at +/- 120 Hz strongest. The best note seems to be achieved if the amp's tank is tuned above resonance, which of course, reduces efficiency, and the sidebands are reduced enough to sound nearly DC. Thoughts?

The oscillator power supply is well filtered, but not regulated, with the 45 running at about 20 mA @ 340 VDC. The 865 runs at 550VDC, about 22 mA when the tank is resonant, which also seems low considering I've read at least one source that around 30 mA at 550 V is possible. Amp tank undercoupled? I'm using a 4 inch airdux type coil for the amp's tank inductance, with a break in the windings for 60uH and 4.8 uH, plate inductance and output link respectively. The "coils" are only separated by one removed turn. The output link is tuned with a fixed transmit mica (1000pF) in parallel with a 900pF variable. I am also using parallel feed, with the output link near the grounded end of the plate coil.

Another observation is that the keydown drift (chirp) can be mitigated to almost nothing by adjusting the 865's grid bias voltage. Normal for the bias to have that effect? This also seems very dependent upon the amp's tank tuning, bias needs readjusted for chirp mitigation.

Any thoughts, insight, recommendations or pointers would be appreciated. I have a few 10Ys for an additional MOPA to cover 40/80 later.

73 Eric NO3M

12212. eBay Alert ... Highly recommended

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-04 01:37:08 UTC
From: Louis Vermond
Topic: 12212 Message: 12212

http://www.ebay.ca/itm/HISTORY-OF-QRP-IN-THE-U-S-1924-1960-ISBN-0-9614139-1-3-Ham-radio-book/111859422616?_trksid=p2046732.c100040.m2060&_trkparms=aid%3D111001%26algo%3DREC.SEED%26ao%3D1%26asc%3D20140107095009%26meid%3D45ca6847cd7547cb8525d7a63642a7e4%26pid%3D100040%26rk%3D1%26rkt%3D4%26sd%3D111859422616

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12213. RE: [AWA Group] MOPA thoughts

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-04 01:42:15 UTC
From: Steve Flood
Topic: 12211 Message: 12213

>>Amp tank undercoupled? I'm using a 4 inch airdux type coil for the amp's tank inductance, with a break in the windings for 60uH and 4.8 uH, The output link is tuned with a fixed transmit
mica (1000pF) in parallel with a 900pF variable.

In my notes for my 45/865 MOPA, I had copied down an item from Radio Handbook 23 that the output link should have a reactance of around 100 ohms. That would be 900pF and 9uH on your output link. That would increase your coupling and lower the impedance presented to the plate, and hopefully increase your plate current and output. Let’s see what the experts on here say…

Steve, KK7UV

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12214. RE: [AWA Group] eBay Alert ... Highly recommended

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-04 02:23:57 UTC
From: Mike Feher
Topic: 12212 Message: 12214

Thanks - decided to buy it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, January 03, 2016 8:37 PM
To: AWAGroup
Subject: [AWA Group] eBay Alert ... Highly recommended

http://www.ebay.ca/itm/
<http://www.ebay.ca/itm/HISTORY-OF-QRP-IN-THE-U-S-1924-1960-ISBN-0-9614139-1
-3-Ham-radio-book/111859422616?_trksid=p2046732.c100040.m2060&_trkparms=aid%
3D111001%26algo%3DREC.SEED%26ao%3D1%26asc%3D20140107095009%26meid%3D45ca6847
cd7547cb8525d7a63642a7e4%26pid%3D100040%26rk%3D1%26rkt%3D4%26sd%3D1118594226
16>
HISTORY-OF-QRP-IN-THE-U-S-1924-1960-ISBN-0-9614139-1-3-Ham-radio-book/111859
422616?_trksid=p2046732.c100040.m2060&_trkparms=aid%3D111001%26algo%3DREC.SE
ED%26ao%3D1%26asc%3D20140107095009%26meid%3D45ca6847cd7547cb8525d7a63642a7e4
%26pid%3D100040%26rk%3D1%26rkt%3D4%26sd%3D111859422616

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<https://www.avast.com/antivirus> Avast logo

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12215. Re: MOPA thoughts

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-04 02:58:20 UTC
From: dulmagedon@...
Topic: 12211 Message: 12215

If it were me based on what I have learned building osc circuits and PAs I would lighten the 45's load. Probably drop to somewhere around 250 volts and make sure the coupling to the next stage is no more then necessary to get the signal there. I don't know the particular circuit you have but if it is cap coupled I would try 100pfs to see what happens. It might be too light but will tell you if you are on the right track and you can raise it till you find your sweet spot or balance point. I would do the output different but forget that. For now I would try letting the osc be an oscillator and let the PA do the work (heavy lifting) and see of that goes the direction you want it to. You may have to give up some power to get the sound you want but Cest la vie. Anyway if I was in your shoes that is what I would try for the few minutes it would take. You may worry the 45 needs to drive hard to drive the PA however to me that defeats the advantage of the Mopa. Otherwise you could just build an 865 Hartley. (I have a 211 Hartley so I know the feeling) Hard to give up Power though, I understand that.
donVe3LYX

12216. RE: [AWA Group] Re: MOPA thoughts

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-04 03:36:06 UTC
From: Steve Flood
Topic: 12211 Message: 12216

>make sure the coupling to the next stage is no more then necessary to get the signal there.

Assuming the PA stage is running Class C, or at least biased to cutoff, the 865 grid will need some hefty drive from the 45 oscillator. In my own rig I ran the 45 oscillator with 395v at 32mA. The 865 grid is biased to around -85v. I was seeing 70%+ efficiency from the 865 PA.

>defeats the advantage of the Mopa.

How does operating the PA stage in class C (deep bias and big drive) defeat it’s advantage? The advantages are isolating the oscillator from the antenna, and increasing efficiency. We’ll see around 45% efficiency from the self-excited oscillators (on 80m anyhow), but 70% efficiency for the PA stage in a MOPA (also 80m).

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12217. RE: [AWA Group] Re: MOPA thoughts

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-04 11:50:03 UTC
From: dulmagedon@...
Topic: 12211 Message: 12217

How does operating the PA stage in class C (deep bias and big drive) defeat it’s advantage? Well now you are kinda putting extra words in my mouth. I did not quite say exactly that. I do know that the advantage of an Mopa is the oscillator is as you put it "isolated." I know if I want a good stable VFO I need it lightly loaded at the osc proper and need to strive to minimize any changes in voltage and draw as much as possible as well as temp etc. If it is heavily loaded it is not well isolated, for instance, driving the PA hard. Anything one can do to further isolate the osc helps its stability including as used in other TXs a buffer tube. To that end I have found running osc tubes near max values can be among other things a hum source. And that doesn't only apply to our self excited deals. Also a heavily loaded osc tends to change freq on keying(chirp) if the osc is keyed and even if the load changes dramatically. However since you have a similar rig to his and have spent sometime flogging it and have no hum whatsoever I'll crawl back in my cave and go about my business.

As I said that is what I would try and this is the reason why. I stand by that in my own shack still.

donVe3LYX

12218. Re: [AWA Group] MOPA thoughts

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-04 11:18:15 UTC
From: Larry Szendrei
Topic: 12211 Message: 12218

Hi Eric,

I don't have a lot of experience with old-time MOPAs*, but here are a few thoughts.

If the tuning and loading of the PA is affecting the note, it's a good indication that the isolation of the antenna circuit from the oscillator isn't great, or that the PA requires neutralization. (Do you have a neutralizing circuit?) Many newer screen grid tubes have low enough Cgp so that neutralization isn't required on the lower bands if the layout isolates the gazinta from the gazouta well enough. But I don't know about the 865, or if you might have some undesired coupling between the 865 grid and plate circuits in your layout.

Sidebands at multiple harmonics of 60Hz is usually an indication of RF mixing with 60Hz energy in the power supply in these rigs.

As far as the 865 grid bias affecting the note goes: for a given amount of drive to the 865 grid, the more negative the fixed bias on the grid the less the oscillator will be loaded, because the "conduction angle" of the grid circuit will be reduced. So I would expect the note to improve, and the 865 RF output to go down, as the 865 grid is made more negative. (Is this what you observe?)

73,
-Larry/NE1S

*I hope to change that - one is on the to-do project list.

On 1/3/16 8:02 PM, Eric NO3M no3m@... [AWAGroup] wrote:
>
> Hello
>
> In preparation for this year's BK Party (2016), I put together a 45
> (Hartley) / 865 MOPA over the last several days, currently built for
> 160M. After going through some initial tests and tuneup, there are a
> few observations that I'm wondering if anyone can provide insight upon.
>
> I've built various self-excited rigs for 630M and 160M (Hartleys, TPTG,
> TNT) and a few MOPA (809/811, etc.). My current mainstay homebrew
> vintage rigs are a pair of 89 / 802 / 811 MOPAs, one for 630M and the
> other for 160/80M with plugin coils:
>
> http://no3m.net/vintage/630m-mopa/
> http://no3m.net/2015/10/mopa-transmitter-in-stew-perry-tbdc-warmup/
>
> They work very well, are stable and have a DC note (89 Clapp regulated

> screen voltage).
>
> Some things peculiar with the 45 / 865 rig. When the 865 amp tank is
> tuned for resonance / best efficiency, the note has some prominent 60 Hz
> sidebands, the ones at +/- 120 Hz strongest. The best note seems to be
> achieved if the amp's tank is tuned above resonance, which of course,
> reduces efficiency, and the sidebands are reduced enough to sound nearly
> DC. Thoughts?
>
> The oscillator power supply is well filtered, but not regulated, with
> the 45 running at about 20 mA @ 340 VDC. The 865 runs at 550VDC, about
> 22 mA when the tank is resonant, which also seems low considering I've
> read at least one source that around 30 mA at 550 V is possible. Amp
> tank undercoupled? I'm using a 4 inch airdux type coil for the amp's
> tank inductance, with a break in the windings for 60uH and 4.8 uH, plate
> inductance and output link respectively. The "coils" are only separated
> by one removed turn. The output link is tuned with a fixed transmit
> mica (1000pF) in parallel with a 900pF variable. I am also using
> parallel feed, with the output link near the grounded end of the plate
> coil.
>
> Another observation is that the keydown drift (chirp) can be mitigated
> to almost nothing by adjusting the 865's grid bias voltage. Normal for
> the bias to have that effect? This also seems very dependent upon the
> amp's tank tuning, bias needs readjusted for chirp mitigation.
>
> Any thoughts, insight, recommendations or pointers would be
> appreciated. I have a few 10Ys for an additional MOPA to cover 40/80
> later.
>
> 73 Eric NO3M
>

12219. Re: MOPA Thoughts

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-04 16:07:36 UTC
From: JAMES HANLON
Topic: 12219 Message: 12219

Eric,

If you have an oscilloscope I'd suggest that you look at the waveform of the oscillator output to see if the 60 Hz hum is occurring there. You might want to try it driving the amplifier but with the amp B+ off, so that the oscillator is loaded but the amp is not working to confuse things. Even a simple scope with a link directly coupled to the vertical deflection plates should give you a look at the oscillator signal. Also, since the only source of 60 Hz in the rig is the filament power and if the oscillator seems to be the source of the hum, try running the 45 filament from a DC supply.

Jim, W8KGI

12220. BK log email

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-04 20:04:57 UTC
From: William Props
Topic: 12220 Message: 12220

Has anyone else had trouble emailing the log for the BK? I emailed mine on Thursday and received an email this morning that said it was not deliverable.

Chris

12221. Re: [AWA Group] MOPA thoughts

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-04 23:39:25 UTC
From: Eric NO3M
Topic: 12211 Message: 12221

Thanks for all the input and comments.

I was able to get the AC modulation under control by tapping the oscillator tank further towards the plate end. The plate current increases to about where Steve noted his 45 runs. Grid current dropped to about 4 mA. There is still some chirp, but the oscillator plate supply sags from 400 idle to 340 under load, likely the source. Similar transformer as in the old HRO doghouse supplies as far as ratings. Might put a bleeder across the B+ to try to reduce some of the sag.

The output coupling stills needs work. I tried several mechanical lashups but seem to be stuck at about 35-40% efficiency or thereabouts. 7-8W out with 20W input. In the process, the 865's tank inductance got "hacked" down to 57.9 uH vs. the original 60 uH. The difference in tank Q should be only around 0.5 (12.7 vs. 12.2).

Anyways, fired it up and had a quick QSO with N2AD and a nice ragchew with Bill, K4JYS. Bill commented that the keying was hard, but an earlier attempt to use a keying filter I use on my 30s MOPAs didn't work very well. After coming back to the shack, I hooked it up and now it seems to work alright.

73 Eric NO3M

12222. Sig Rpts

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-05 00:03:55 UTC
From: Bill Stewart
Topic: 12222 Message: 12222

Eric...did you see these reports on the RBN?
Bill K4JYS
http://www.reversebeacon.net/dxsd1/dxsd1.php?f=0&c=no3m&t=dx

12223. Re: [AWA Group] BK log email

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-05 00:49:19 UTC
From: Whitebear1122
Topic: 12220 Message: 12223

I hope folks have not been having trouble emailing the logs in to my wa9wfa@... address. I didn’t receive it so try sending it to this address whitebear1122@...

To the other 29’er, I’m in the middle of acknowledging the received email and paper logs. Thanks 73 Scott WA9WFA

> On Jan 4, 2016, at 2:04 PM, William Props wcprops@vt.edu [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
>
>
> Has anyone else had trouble emailing the log for the BK? I emailed mine on Thursday and received an email this morning that said it was not deliverable.
>
> Chris
>
>
>

12224. Interesting QSL Card w/Image- 1934 ARRL Station W1MK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-05 19:42:53 UTC
From: wayne.wheeler@...
Topic: 12224 Message: 12224

Interesting look. Expensive, but maybe someone wants to buy.

Wayne

W6AHH

QSL 1934 W1MK ARRL HQ station radio card http://www.ebay.com/itm/QSL-1934-W1MK-ARRL-HQ-station-radio-card/371520341957?_trksid=p2047675.c100012.m1985&_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D20131230161411%26meid%3Dbd23ca44919f4845a4d724e32970cf6b%26pid%3D100012%26rk%3D4%26rkt%3D10%26sd%3D371520189986

http://www.ebay.com/itm/QSL-1934-W1MK-ARRL-HQ-station-radio-card/371520341957?_trksid=p2047675.c100012.m1985&_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D20131230161411%26meid%3Dbd23ca44919f4845a4d724e32970cf6b%26pid%3D100012%26rk%3D4%26rkt%3D10%26sd%3D371520189986

QSL 1934 W1MK ARRL HQ station radio card http://www.ebay.com/itm/QSL-1934-W1MK-ARRL-HQ-station-radio-card/371520341957?_trksid=p2047675.c100012.m1985&_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D20131230161411%26meid%3Dbd23ca44919f4845a4d724e32970cf6b%26pid%3D100012%26rk%3D4%26rkt%3D10%26sd%3D371520189986 QSL 1934 W1MK ARRL HQ station radio card in Collectibles, Postcards, Other Collectible Postcards | eBay

View on www.ebay.com http://www.ebay.com/itm/QSL-1934-W1MK-ARRL-HQ-station-radio-card/371520341957?_trksid=p2047675.c100012.m1985&_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D20131230161411%26meid%3Dbd23ca44919f4845a4d724e32970cf6b%26pid%3D100012%26rk%3D4%26rkt%3D10%26sd%3D371520189986
Preview by Yahoo

12225. Interesting QSL Card w/Image- 1934 ARRL Station W1MK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-05 20:12:46 UTC
From: Louis Vermond
Topic: 12224 Message: 12225
Attachments: 2 described; binary payloads are missing from this source WARC

Hello Wayne,

From Call Book, Winter, 1933-34.

73, Lou
VE3AWA

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12226. RE: [AWA Group] Interesting QSL Card w/Image- 1934 ARRL Station W1MK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-05 20:18:12 UTC
From: Mike Feher
Topic: 12224 Message: 12226
Attachments: 2 described; binary payloads are missing from this source WARC

And only a 329 report? Guess they were honest then. Unlike now when everyone gets a 59 and then people ask to have the report repeated, HI.– 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, January 05, 2016 3:13 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Interesting QSL Card w/Image- 1934 ARRL Station W1MK

☐

Hello Wayne,

From Call Book, Winter, 1933-34.

73, Lou

VE3AWA

_____

<https://www.avast.com/antivirus> Avast logo

This email has been checked for viruses by Avast antivirus software.
www.avast.com <https://www.avast.com/antivirus>

12227. UV199 TX Project

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-06 13:45:17 UTC
From: dulmagedon@...
Topic: 12227 Message: 12227

I received the new UV199 tube from Mike's buddy . It is a very good tube and tested in my own test jig at slightly above stated specs which is nice. It is approx 12 times the values of the dud I have. So that part is good however it is not an easy tube to get to oscillate. I have tried several tricks including rebuilding the tx with my standard hartley circuit that works on 01As and 45s with ease but so far I can't get it to go into osc. Could be because it is a low current tube everything has to be just right ir to put it another way it has no fudge factor. Whatever I poke away at it for a bit each day trying different things. It could be I have also made some glaring mistake and can't see it at the moment. A mistake that is caused by the accumulation of birthdays aka senior moment. I have been looking for an actual UV199 or UX199 Transmitter schematic.. I have found several references to in word but no actual descriptions or schematics. If you know of one PSE post it.
donVE3LYX

12228. UV199 TX Project...CKT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-06 14:35:10 UTC
From: Louis Vermond
Topic: 12228 Message: 12228
Attachments: 2 described; binary payloads are missing from this source WARC

I have found several references to in word but no actual descriptions or schematics.

It does not get better than this... GL, Lou

P.s., '99 SKED OM?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12229. Re: UV199 TX Project...CKT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-06 17:41:21 UTC
From: dulmagedon@...
Topic: 12228 Message: 12229

The minute I get it to oscillate I will phone you. I made it for 40M. I have your number on the wall by the phone in my shack and we will do it. . Right now everything measures right but it wont oscillate. Tis probably something I did wrong but so far I haven't figured out what.
donVe3LYX

12230. Re: [AWA Group] Re: UV199 TX Project...CKT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-06 20:08:06 UTC
From: Larry Szendrei
Topic: 12228 Message: 12230

On 1/6/16 12:41 PM, dulmagedon@... [AWAGroup] wrote:
>
> The minute I get it to oscillate I will phone you. I made it for 40M.
> I have your number on the wall by the phone in my shack and we will do
> it. . Right now everything measures right but it wont oscillate. Tis
> probably something I did wrong but so far I haven't figured out what.
>
Don,

If I were you and were having trouble, I'd first copy the "known good design" from the article that Lou posted, including tank circuit. I can't tell if the thing is 80M or 40M; with the 250 pF air-variable it may tune both bands(?). The '99 may not have enough gain to oscillate readily on the higher frequencies - and 40M may or may not be "over it's head." It was an early tube, designed and brought to market some years before the short-waves were in use.

73 es GL,
-Larry/NE1S

12231. Re: [AWA Group] Re: UV199 TX Project...CKT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-06 20:33:35 UTC
From: Louis Vermond
Topic: 12228 Message: 12231

The minute I get it to oscillate I will phone you. I made it for 40M. Sitting by the phone...

Oh yes, Don. The Maple Net is tonight.

3838 @ 7:30PM

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12232. Re: [AWA Group] Re: UV199 TX Project...CKT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-06 22:17:46 UTC
From: dulmagedon@...
Topic: 12228 Message: 12232

You know Larry, I hadn't thought of that. The freq thing. I ll bet you hit it bang on. As you know there is a sound when an osc wants to go (in the monitoring rx)and I can hear it but it just wont take off and I have tried a lot of things. I will also look at the article. I am assuming it is in files. I have tried Colpitts, Hartley and different combos of C and L as well a different grid leak combos. I have measured voltage and current so I see them in my sleep. Everything says to me it should go. I know the tube is not the best design but figured it would work as I found a few references to others in the early 20s using it for their first TX however no schematics have I found. It is a bit embarrassing because I have a room full of good running HB osc-ers however I'll live. Tis the challlenge that makes it fun. I am tempted to go right to 160m however I don't have a real 160M antenna although I could use the tuner. Probably I will aim for the low end of 80M. First I have to get it going. Thanks for the idea. I will see where it leads.
donVe3LYX
Lou I m back on duty Wed nights so you guys will have to sip syrup without me. I think Easter will be my next Wed night off.
donVe3LYX

12233. Re: [AWA Group] Re: UV199 TX Project...CKT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-06 23:45:28 UTC
From: Louis Vermond
Topic: 12228 Message: 12233

Lou I m back on duty Wed nights so you guys will have to sip syrup without me. I think Easter will be my next Wed night off.

Oh yes, I forgot. CU Easter...

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12234. Re: [AWA Group] Re: UV199 TX Project...CKT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-07 01:17:44 UTC
From: Larry Szendrei
Topic: 12228 Message: 12234

On 1/6/16 5:17 PM, dulmagedon@... [AWAGroup] wrote:
>
> You know Larry, I hadn't thought of that. The freq thing. I ll bet you
> hit it bang on. As you know there is a sound when an osc wants to go
> (in the monitoring rx)and I can hear it but it just wont take off and
> I have tried a lot of things. I will also look at the article. I am
> assuming it is in files. I have tried Colpitts, Hartley and different
> combos of C and L as well a different grid leak combos. I have
> measured voltage and current so I see them in my sleep. Everything
> says to me it should go. I know the tube is not the best design but
> figured it would work as I found a few references to others in the
> early 20s using it for their first TX however no schematics have I
> found. It is a bit embarrassing because I have a room full of good
> running HB osc-ers however I'll live. Tis the challlenge that makes it
> fun. I am tempted to go right to 160m however I don't have a real 160M
> antenna although I could use the tuner. Probably I will aim for the
> low end of 80M. First I have to get it going. Thanks for the idea. I
> will see where it leads.
>
>
>
FB, Don. Another thing we were discussing on the Maple Syrple net a few minutes ago - note the value of grid leak in the Windom UV-199 xmtr - 2 megohms! That's more like one would use for a grid leak in a regen receiver, but, the UV-199, being a PW tube, probably doesn't want much grid current; hence, the high value of resistor. Had you tried that value for the grid leak?

73,
-Larry/NE1S

12235. Sell here

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-07 07:34:42 UTC
From: Daniel Petersen
Topic: 12235 Message: 12235

May I put an AAWA related item up for sale on this site?

--

73,
Dan - W7OIL

12236. Re: [AWA Group] Re: UV199 TX Project...CKT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-07 11:38:26 UTC
From: dulmagedon@...
Topic: 12228 Message: 12236

I had gotten as high as 1 meg and a 220pf. I see only one real difference in the circuit from what I have and can try it and the 2 meg-er easily. My plate block cap is only .0001 because that is what I have but I can do a lash up and make it all exact. The circuit is so close to what I have it is scarey. Mine was from 1927 radio news. I usually build from memory but when it wouldn't go dug out the old book and double checked. The coil is different. 8 turns at 4 inch diameter. with 250 pf variable. There is no reason why I can't duplicate this exactly at least to get it up and running. Thanks fellows.
Bis spaeter
donVE3LYX

12237. Re: [AWA Group] Sell here

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-07 13:33:18 UTC
From: Louis Vermond
Topic: 12235 Message: 12237

May I put an AAWA related item up for sale on this site?

Go for it! Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12238. Re: [AWA Group] Re: UV199 TX Project...CKT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-07 13:37:51 UTC
From: Louis Vermond
Topic: 12228 Message: 12238

GM Don,

Have u tried the ckt using a later tube? 201A, 171 etc.

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-01-07 6:38 AM
Subject: Re: [AWA Group] Re: UV199 TX Project...CKT

I had gotten as high as 1 meg and a 220pf. I see only one real difference in the circuit from what I have and can try it and the 2 meg-er easily. My plate block cap is only .0001 because that is what I have but I can do a lash up and make it all exact. The circuit is so close to what I have it is scarey. Mine was from 1927 radio news. I usually build from memory but when it wouldn't go dug out the old book and double checked. The coil is different. 8 turns at 4 inch diameter. with 250 pf variable. There is no reason why I can't duplicate this exactly at least to get it up and running. Thanks fellows.
Bis spaeter
donVE3LYX

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https://www.avast.com/antivirus

12239. Re: [AWA Group] Interesting QSL Card w/Image- 1934 ARRL Station W1MK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-07 17:14:15 UTC
From: Roger Kuchera
Topic: 12224 Message: 12239
Attachments: 2 described; binary payloads are missing from this source WARC

To put a fine point on W1MK; It was totally destroyed in the hurricane of Sept. 1936.
Roger/K1TG

On Tuesday, January 5, 2016 3:18 PM, "'Mike Feher' n4fs@... [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:

<!--#yiv0320506140 #yiv0320506140 .yiv0320506140ygrp-photo-title{clear:both;font-size:smal
ler;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv0320506140 div.yiv032050
6140ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:whi
te;border:1px solid black;height:62px;width:62px;}#yiv0320506140
div.yiv0320506140photo-title a, #yiv0320506140 div.yiv0320506140photo-title a:active,
#yiv0320506140 div.yiv0320506140photo-title a:hover, #yiv0320506140
div.yiv0320506140photo-title a:visited {text-decoration:none;}#yiv0320506140
div.yiv0320506140attach-table div.yiv0320506140attach-row {clear:both;}#yiv0320506140
div.yiv0320506140attach-table div.yiv0320506140attach-row div {float:left;}#yiv0320506140
p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv0320506140
div.yiv0320506140ygrp-file {width:30px;}#yiv0320506140 div.yiv0320506140attach-table
div.yiv0320506140attach-row div div a {text-decoration:none;}#yiv0320506140
div.yiv0320506140attach-table div.yiv0320506140attach-row div div span
{font-weight:normal;}#yiv0320506140 div.yiv0320506140ygrp-file-title
{font-weight:bold;}#yiv0320506140 --> <!--#yiv0320506140 _filtered #yiv0320506140
{font-family:Wingdings;panose-1:5 0 0 0 0 0 0 0 0 0;} _filtered #yiv0320506140
{font-family:"Cambria Math";panose-1:2 4 5 3 5 4 6 3 2 4;} _filtered #yiv0320506140
{font-family:Calibri;panose-1:2 15 5 2 2 2 4 3 2 4;} _filtered #yiv0320506140
{font-family:Tahoma;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv0320506140
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{font-family:Verdana;panose-1:2 11 6 4 3 5 4 4 2 4;}#yiv0320506140 #yiv0320506140
p.yiv0320506140MsoNormal, #yiv0320506140 li.yiv0320506140MsoNormal, #yiv0320506140
div.yiv0320506140MsoNormal
{margin:0in;margin-bottom:.0001pt;font-size:12.0pt;font-family:"Times New Roman",
"serif";}#yiv0320506140 a:link, #yiv0320506140 span.yiv0320506140MsoHyperlink
{color:blue;text-decoration:underline;}#yiv0320506140 a:visited, #yiv0320506140
span.yiv0320506140MsoHyperlinkFollowed
{color:purple;text-decoration:underline;}#yiv0320506140 p
{margin-right:0in;margin-left:0in;font-size:12.0pt;font-family:"Times New Roman",
"serif";}#yiv0320506140 code {font-family:"Courier New";}#yiv0320506140 pre
{margin:0in;margin-bottom:.0001pt;font-size:10.0pt;font-family:"Courier
New";}#yiv0320506140 tt {font-family:"Courier New";}#yiv0320506140 span.yiv0320506140cat
{}#yiv0320506140 span.yiv0320506140ct {}#yiv0320506140
span.yiv0320506140HTMLPreformattedChar {font-family:Consolas;}#yiv0320506140
p.yiv0320506140attach, #yiv0320506140 li.yiv0320506140attach, #yiv0320506140
div.yiv0320506140attach
{margin-right:0in;margin-left:0in;font-size:9.0pt;font-family:"Arial",

"sans-serif";}#yiv0320506140 p.yiv0320506140bold, #yiv0320506140 li.yiv0320506140bold, #yiv0320506140 div.yiv0320506140bold
{margin-right:0in;margin-left:0in;font-size:10.0pt;font-family:"Arial", "sans-serif";font-weight:bold;}#yiv0320506140 p.yiv0320506140green, #yiv0320506140 li.yiv0320506140green, #yiv0320506140 div.yiv0320506140green
{margin-right:0in;margin-left:0in;font-size:12.0pt;font-family:"Times New Roman", "serif";color:#628C2A;}#yiv0320506140 p.yiv0320506140replbq, #yiv0320506140 li.yiv0320506140replbq, #yiv0320506140 div.yiv0320506140replbq
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{margin-right:0in;margin-left:0in;font-size:12.0pt;font-family:"Times New Roman", "serif";}#yiv0320506140 p.yiv0320506140underline, #yiv0320506140 li.yiv0320506140underline, #yiv0320506140 div.yiv0320506140underline
{margin-right:0in;margin-left:0in;font-size:12.0pt;font-family:"Times New Roman", "serif";}#yiv0320506140 span.yiv0320506140yshortcuts {}#yiv0320506140 p.yiv0320506140ad1, #yiv0320506140 li.yiv0320506140ad1, #yiv0320506140 div.yiv0320506140ad1
{margin-right:0in;margin-left:0in;font-size:12.0pt;font-family:"Times New Roman", "serif";}#yiv0320506140 p.yiv0320506140ad2, #yiv0320506140 li.yiv0320506140ad2, #yiv0320506140 div.yiv0320506140ad2
{margin-right:0in;margin-bottom:7.5pt;margin-left:0in;font-size:12.0pt;font-family:"Times New Roman", "serif";}#yiv0320506140 p.yiv0320506140underline1, #yiv0320506140 li.yiv0320506140underline1, #yiv0320506140 div.yiv0320506140underline1
{margin-right:0in;margin-left:0in;font-size:12.0pt;font-family:"Times New Roman", "serif";text-decoration:underline;}#yiv0320506140 span.yiv0320506140yshortcuts1
{font-family:"Verdana", "sans-serif";font-weight:bold;}#yiv0320506140 span.yiv0320506140yshortcuts2 {font-family:"Verdana", "sans-serif";font-weight:normal;}#yiv0320506140 span.yiv0320506140EmailStyle36
{font-family:"Calibri", "sans-serif";color:#1F497D;}#yiv0320506140 .yiv0320506140MsoChpDefault {font-size:10.0pt;} _filtered #yiv0320506140 {margin:1.0in 1.0in 1.0in 1.0in;}#yiv0320506140 div.yiv0320506140WordSection1 {}#yiv0320506140 _filtered #yiv0320506140 {} _filtered #yiv0320506140 {font-family:Symbol;} _filtered #yiv0320506140 {font-family:"Courier New";} _filtered #yiv0320506140 {font-family:Wingdings;} _filtered #yiv0320506140 {font-family:Wingdings;} _filtered #yiv0320506140 {font-family:Wingdings;} _filtered #yiv0320506140 {font-family:Wingdings;} _filtered #yiv0320506140 {font-family:Wingdings;} _filtered #yiv0320506140 {font-family:Wingdings;} _filtered #yiv0320506140 {font-family:Wingdings;}#yiv0320506140 ol {margin-bottom:0in;}#yiv0320506140 ul {margin-bottom:0in;}-->

And only a 329 report? Guess they were honest then. Unlike now when everyone gets a 59 and then people ask to have the report repeated, HI.– 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, January 05, 2016 3:13 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Interesting QSL Card w/Image- 1934 ARRL Station W1MK ☐ Hello Wayne, From Call Book, Winter, 1933-34. 73, LouVE3AWA
| | This email has been checked for viruses by Avast antivirus software.
www.avast.com |

12240. Transmitter for sale:

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-07 17:55:10 UTC
From: Daniel Petersen
Topic: 12240 Message: 12240
Attachments: 5 described; binary payloads are missing from this source WARC

It is with heavy heart that I wish to sell my "Double-M 80-meter transmitter. Living in a retirement community with its antenna restrictions has pretty much killed off any pre-1929 efforts from W7OIL. I would like to see someone use it to it's fullest capabilities. Best DX with this rig was between Michigan and here in Vancouver, WA.

I am selling the transmitter, power supply and 2 #27 (227) tubes along with a reprint of the original article. Price is $130.00 plus whatever the actual shipping charges are. Photos attached. Detailed photos available.

--

73,
Dan - W7OIL

12241. Re: [AWA Group] Transmitter for sale: [6 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-07 18:17:54 UTC
From: P. MICHAEL MCGINNIS
Topic: 12240 Message: 12241

Daniel;I would like to buy your transmitter. I have a 1960 home brew but nothing from this era. I have been collecting parts but lack a few to make a Hartley. This would make a good starter.
Thank you
P. Michael McGinnis N6TYF ("Tune Your Final")619-302-1285 celln6tyf@...

On Thursday, January 7, 2016 9:55 AM, "Daniel Petersen dan.w7oil@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv0233361629 #yiv0233361629 .yiv0233361629ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv0233361629 div.yiv0233361629ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv0233361629 div.yiv0233361629photo-title a, #yiv0233361629 div.yiv0233361629photo-title a:active, #yiv0233361629 div.yiv0233361629photo-title a:hover, #yiv0233361629 div.yiv0233361629photo-title a:visited {text-decoration:none;}#yiv0233361629 div.yiv0233361629attach-table div.yiv0233361629attach-row {clear:both;}#yiv0233361629 div.yiv0233361629attach-table div.yiv0233361629attach-row div {float:left;}#yiv0233361629 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv0233361629 div.yiv0233361629ygrp-file {width:30px;}#yiv0233361629 div.yiv0233361629attach-table div.yiv0233361629attach-row div div a {text-decoration:none;}#yiv0233361629 div.yiv0233361629attach-table div.yiv0233361629attach-row div div span {font-weight:normal;}#yiv0233361629 div.yiv0233361629ygrp-file-title {font-weight:bold;}#yiv0233361629 --> <!--#yiv0233361629 #yiv0233361629ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv0233361629 #yiv0233361629ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv0233361629 #yiv0233361629ygrp-mkp #yiv0233361629hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv0233361629 #yiv0233361629ygrp-mkp #yiv0233361629ads {margin-bottom:10px;}#yiv0233361629 #yiv0233361629ygrp-mkp .yiv0233361629ad {padding:0 0;}#yiv0233361629 #yiv0233361629ygrp-mkp .yiv0233361629ad p {margin:0;}#yiv0233361629 #yiv0233361629ygrp-mkp .yiv0233361629ad a {color:#0000ff;text-decoration:none;}-->

It is with heavy heart that I wish to sell my "Double-M 80-meter transmitter. Living in a retirement community with its antenna restrictions has pretty much killed off any pre-1929 efforts from W7OIL. I would like to see someone use it to it's fullest capabilities. Best DX with this rig was between Michigan and here in Vancouver, WA.

I am selling the transmitter, power supply and 2 #27 (227) tubes along with a reprint of the original article. Price is $130.00 plus whatever the actual shipping charges are. Photos attached. Detailed photos available.

--

73,
Dan - W7OIL

12242. Re: [AWA Group] Transmitter for sale:

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-07 19:24:50 UTC
From: Steve
Topic: 12240 Message: 12242

Dan - that's a real bargain! Glad to see it's going to a
west-coaster....another new signal for the BK Party!

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

12243. Re: [AWA Group] Re: UV199 TX Project...CKT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-07 19:44:36 UTC
From: dulmagedon@...
Topic: 12228 Message: 12243

yup but it was kinda hard to do. I want to hook the UV199 up to one of my good working hartleys. However , this afternoon I took the circuit from the 26 QST and built it. I didnt have a 2.meg but I did have a 1.8 meg and a 220pf cap for GRLK so that should be good. As it certainly wouldn't buck with values that close. I use a .001 for plate blocking as that is not a critical value. Anything pretty well that will flow RF will do the job. Otherwise I built it exact. I used a 150pf fixed cap in place of the Variable for testing as I am looking for RF and freq isnt important just for testing. . So far no joy. Making the UV199 to 201A adapter will tell me if I am whipping a dead horse. I have at least 4 I can try it on. It could be I just need a good feed of Sauerkraut and Wurst to get mein gehirn wieder klappen. These things have been easy for me to build. I dont normally even use schematics. To be stumped by this little guy ticks me off but I have to make sure it isnt as result of a senoir's brain freeze or something. (something stupid I did)
donVE3LYx

12244. Transmitter for sale

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-07 19:48:11 UTC
From: Daniel Petersen
Topic: 12244 Message: 12244

The transmitter has been sold.
--

73,
Dan - W7OIL

12245. UV199 TX Project...Supper

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-07 20:27:43 UTC
From: Louis Vermond
Topic: 12245 Message: 12245

Sauerkraut und Wurst to get mein gehirn wieder... Can I come by for a double serving?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12246. Re: UV199 TX Project...Supper

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-07 21:43:12 UTC
From: dulmagedon@...
Topic: 12245 Message: 12246

Ja Lou, naturlich.
I just wired in a 201A to the new circuit by piggybacking a 45 chassis socket. Works like a dream. It is actually a pretty good working circuit. Stable and nice note. With the UV 199 nothing RF wise. Checked voltages. 90 on Plate, 3.1 on heater. There is no real good reason why this thing wont run on the UV199. It works just excellent on the 201A. MMMMMMMM. You dont wanna know what I am wondering.
donVe3LYX

12247. Re: [AWA Group] Re: UV199 TX Project...Supper

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-07 21:57:48 UTC
From: Louis Vermond
Topic: 12245 Message: 12247
Attachments: 1 described; binary payloads are missing from this source WARC

You dont wanna know what I am wondering. ... I think we do.

Ja Lou, naturlich. Great. Can I bring a friend?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12248. Re: [AWA Group] Re: UV199 TX Project...Supper

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-07 23:07:06 UTC
From: Ron Barlow
Topic: 12245 Message: 12248

How much plate current does the 199 draw, during its "failure to oscillate" status, Don? 73 de ron

On Thursday, January 7, 2016 4:57 PM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

☐ You dont wanna know what I am wondering. ... I think we do. Ja Lou, naturlich. Great. Can I bring a friend?

| | This email has been checked for viruses by Avast antivirus software. www.avast.com |

12249. Bakelite

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-08 00:02:19 UTC
From: Louis Vermond
Topic: 12249 Message: 12249

https://www.youtube.com/watch?v=GlCFBexBWGU

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https://www.avast.com/antivirus

12250. A newbie's type 27 Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-08 00:34:16 UTC
From: mattgoff54@...
Topic: 12250 Message: 12250

Hey guys, Im new to the group and to building these wonderful glowing devices so I would appreciate any help I can get. I put this Hartley together finally and have a bit of a drift problem. I dont know if this is considered normal but even after warm-up the frequency will drift in the following manner: while sending v's etc for 1 minute at 100v B+ the xmitter drifts upward about 200 hertz. At 200v it only takes 15 seconds to drift 500 hertz. Power supply is a Heath SP regulated and Im not getting a chirp, it just wants to drift away. The tube draws about 22mA at 200v, and antenna coil adjustment has no effect on the drift, the oscillator does so loaded or not. Changing the coil tap position also is ineffective. Caps and such include a 600pfd blocking, 250pfd grid with 8k "dogbone" for a leak, and 1000pfd across the key. Choke is one of those standard little three section varieties (I think 2.5mh). All wiring is 18 awg. Ive used 4 different 27's including an ST version, and have the same result. My initial thought was the tube heating during keydown and changing capacitance, but Im not pushing it hard at all so I dont know. Any words of wisdom are appreciated, thanks. Trying to figure out how to attach a picture. Thanks, - Matt

12251. Re: [AWA Group] Re: UV199 TX Project...Supper

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-08 00:42:04 UTC
From: Don Dulmage
Topic: 12245 Message: 12251

12ma

On Thu, 1/7/16, Ron Barlow imalowfer@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Re: UV199 TX Project...Supper
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Received: Thursday, January 7, 2016, 6:07 PM

How much
plate current does the 199 draw, during its "failure
to oscillate" status, Don?
73 de ron

On Thursday, January
7, 2016 4:57 PM, "'Louis Vermond'
ldvermond@... [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:

☐

You dont
wanna know what I am
wondering. ... I think we
do.

Ja Lou, naturlich.
Great. Can I bring a
friend?

This email has been checked for viruses by Avast
antivirus software.

www.avast.com

12252. Re: [AWA Group] A newbie's type 27 Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-08 00:54:04 UTC
From: Don Dulmage
Topic: 12250 Message: 12252

Be suspicious of everything in your grid leak. Heavy enough wattage wise and cap is stable. If I am suspicious I sub one to see if it acts different. Also make sure tube is not heating your coil and measure to see if you filament voltage is stable and sufficient. Never had a 27 but 45s I have noticed will get stupid if heater voltage is not quite there. It is almost as if the tube losses heat on transmit. These are things I have noticed on some of mine. The TNT being the worst.
Speaking if Wurst (again" Lou, did you know in Sulzfeld you can order a 1 meter long wurst. And yes "Heidi" is welcome anytime
donVe3LYX

On Thu, 1/7/16, mattgoff54@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] A newbie's type 27 Hartley
To: AWAGroup@yahoogroups.com
Received: Thursday, January 7, 2016, 7:34 PM

Hey guys, Im new to the group and to building these wonderful glowing devices so I would appreciate any help I can get. I put this Hartley together finally and have a bit of a drift problem. I dont know if this is considered normal but even after warm-up the frequency will drift in the following manner: while sending v's etc for 1 minute at 100v B+ the xmitter drifts upward about 200 hertz. At 200v it only takes 15 seconds to drift 500 hertz. Power supply is a Heath SP regulated and Im not getting a chirp, it just wants to drift away. The tube draws about 22mA at 200v, and antenna coil adjustment has no effect on the drift, the oscillator does so loaded or not. Changing the coil tap position also is ineffective. Caps and such include a 600pfd blocking, 250pfd grid with 8k "dogbone" for a leak, and 1000pfd across the key. Choke is one of those standard little three section

varieties (I think 2.5mh). All wiring is 18 awg. Ive used 4 different 27's including an ST version, and have the same result. My initial thought was the tube heating during keydown and changing capacitance, but Im not pushing it hard at all so I dont know. Any words of wisdom are appreciated, thanks. Trying to figure out how to attach a picture.
Thanks, - Matt

12253. Re: [AWA Group] A newbie's type 27 Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-08 01:18:45 UTC
From: mattgoff54@...
Topic: 12250 Message: 12253

I think I just found the problem. I forgot to mention that across the variable I put a 250pfd to get down to the bottom of the 80m. This put the variable maybe a little less than half meshed. Took the cap off and at full mesh im at 3.854 but dead steady.

12254. Re: [AWA Group] A newbie's type 27 Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-08 01:21:53 UTC
From: Whitebear1122
Topic: 12250 Message: 12254

Hi Matt, I think we passed an email message the other day regarding a 1929 Hull Hartley….

I have the Heathkit SP-17 HV regulated supply as well and it’s a fabulous 1929 power supply. What frequency are you running your 27 Hartley at?

The 200 V at 22 mA might be running the 27 a bit hard. The 100 volts might be a bit low. Can you just unload or remove the antenna link coil and get a stable signal? My Colpitts is rock solid on 160 and 80m but has had some drift problems in the past on 40m. I’ve backed off the HV and current like you did, and it still did it. I’ve felt that perhaps it is due to one or more of the fixed transmitting capacitors leaking or breaking down, or just plain heating up with those larger circulating currents. It’s possible the fixed LC cap isn’t rated to handle those currents or is just heating up. What type of cap are you using across the coil? 73, Scott WA9WFA

> On Jan 7, 2016, at 6:34 PM, mattgoff54@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> Hey guys, Im new to the group and to building these wonderful glowing devices so I would appreciate any help I can get. I put this Hartley together finally and have a bit of a drift problem. I dont know if this is considered normal but even after warm-up the frequency will drift in the following manner: while sending v's etc for 1 minute at 100v B+ the xmitter drifts upward about 200 hertz. At 200v it only takes 15 seconds to drift 500 hertz. Power supply is a Heath SP regulated and Im not getting a chirp, it just wants to drift away. The tube draws about 22mA at 200v, and antenna coil adjustment has no effect on the drift, the oscillator does so loaded or not. Changing the coil tap position also is ineffective. Caps and such include a 600pfd blocking, 250pfd grid with 8k "dogbone" for a leak, and 1000pfd across the key. Choke is one of those standard little three section
> varieties (I think 2.5mh). All wiring is 18 awg. Ive used 4 different 27's including an ST version, and have the same result. My initial thought was the tube heating during keydown and changing capacitance, but Im not pushing it hard at all so I dont know. Any words of wisdom are appreciated, thanks. Trying to figure out how to attach a picture. Thanks, - Matt
>
> ------------------------------------
> Posted by: mattgoff54@...
> ------------------------------------
>
>
> ------------------------------------
>
> Yahoo Groups Links
>
>
>

12255. RE: [AWA Group] A newbie's type 27 Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-08 01:31:53 UTC
From: Steve Flood
Topic: 12250 Message: 12255
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Matt,

Although you've checked it with various antenna coupling, are you getting 'enough' coupling? Light coupling will raise grid current which can heat the grid structure in the tube. Checking your grid current and plate efficiency would be good indicators.

Other sources of drift:

>Too-thin capacitor plates, especially brass, will deform slightly when heated.

>Dirty and/or loose mechanical connections.

>Tube socket (thin springy pin contacts?)

>Capacitors.

Steve, KK7UV

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, January 07, 2016 5:34 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] A newbie's type 27 Hartley

Hey guys, Im new to the group and to building these wonderful glowing devices so I would appreciate any help I can get. I put this Hartley together finally and have a bit of a drift problem. I dont know if this is considered normal but even after warm-up the frequency will drift in the following manner: while sending v's etc for 1 minute at 100v B+ the xmitter drifts upward about 200 hertz. At 200v it only takes 15 seconds to drift 500 hertz. Power supply is a Heath SP regulated and Im not getting a chirp, it just wants to drift away. The tube draws about 22mA at 200v, and antenna coil adjustment has no effect on the drift, the oscillator does so loaded or not. Changing the coil tap position also is ineffective. Caps and such include a 600pfd blocking, 250pfd grid with 8k "dogbone" for a leak, and 1000pfd across the key. Choke is one of those standard little three section varieties (I think 2.5mh). All wiring is 18 awg. Ive used 4 different 27's including an ST version, and have the same result. My initial thought was the tube heating during keydown and changing capacitance, but Im not pushing it hard at all so I dont know. Any words of wisdom are appreciated, thanks. Trying to figure out how to attach a picture. Thanks, - Matt

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https://www.avast.com/antivirus

12256. Re: [AWA Group] Re: UV199 TX Project...Supper

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-08 01:52:57 UTC
From: dulmagedon@...
Topic: 12245 Message: 12256

Would you believe 1.2ma
don

12257. Re: [AWA Group] A newbie's type 27 Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-08 01:58:01 UTC
From: mattgoff54@...
Topic: 12250 Message: 12257

Hi Scott, I think that must have been a different Matt...I dont see anything in my email traffic. Anyway the cap is an old square "Solar" bakelite. Its smaller than the usual two holed CDs and Sangamos, almost half the size so you might be right, it just may not be up to the task. Ill sub it out and see if I can get down to CW territory with a steady signal.

Ive been reading just about everything I can get my hands on including a lot of 20's QST from eBay (sorry if anyone here bids or has bid against me) and I really like to try and keep my efforts as close to original as possible. But yes the PS has been invaluable and sure beats multiple lashed up 5U4 jobs.

Thanks for the advice I'll keep tinkering.

12258. Re: [AWA Group] A newbie's type 27 Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-08 01:59:12 UTC
From: mattgoff54@...
Topic: 12250 Message: 12258

Oh also, the hartley drifted just the same with no ant coil, loose and tight coupling, etc.

12259. RE: [AWA Group] A newbie's type 27 Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-08 02:06:48 UTC
From: mattgoff54@...
Topic: 12250 Message: 12259

Steve, didnt even think of the variables plates being the cause as mine are indeed brass...but after taking that parallel cap out its steady so I dont think thats the case. As far as coupling...I assume Im getting enough. The grid/plate coil is 12 turns and the ant coil is 5, typical 1/4 copper mounted to swing in right up against or away from the plate end.

12260. RE: [AWA Group] Re: UV199 TX Project...Supper

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-08 02:10:30 UTC
From: Mike Feher
Topic: 12245 Message: 12260

Don –

This may sound dumb, but, could you try it (199) with less plate voltage? Like about 45 and see what happens? BTW, how much current was it drawing with 90 volts? 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, January 07, 2016 4:43 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: UV199 TX Project...Supper

Ja Lou, naturlich.
I just wired in a 201A to the new circuit by piggybacking a 45 chassis socket. Works like a dream. It is actually a pretty good working circuit. Stable and nice note. With the UV 199 nothing RF wise. Checked voltages. 90 on Plate, 3.1 on heater. There is no real good reason why this thing wont run on the UV199. It works just excellent on the 201A. MMMMMMMM. You dont wanna know what I am wondering.
donVe3LYX

12261. Re: [AWA Group] A newbie's type 27 Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-08 02:35:50 UTC
From: Whitebear1122
Topic: 12250 Message: 12261

Hi Matt, You must be a different Matt. I have a 29 transmitter up on Ebay and 'Matt' was asking me some questions about the power supply and keying of the Hull Hartley. Sounds like you zero'd in on your problem, leaky or heat of the fixed capacitor. In the past I've taken my nice big vintage fixed transmitting caps and put them on the power supply and run them up to voltage, hoping to either discover excessive leakage, heating, dielectric breakdown, or confirm they are good. I can't confirm if that worked but the old Colpitts wasn't jumpy at all this year. Stretch or compress the copper tube coil a bit to change frequency, or you may have to add a turn to bring it down a bit… I know, easier said than done with 1/4" copper tubing. hi hi

On the Heathkit regulated supply, I am always mindful to not get smug about the quality of my 29 transmitter signal. The real 29 guys back in 1929 didn't have a regulated supply, and they sure didn't have signal generators or oscilloscopes to check signal quality :) Between their crappy unregulated power supply, and possibly just rectified AC with no filter capacitors, then add in a 2 or 3 tube regen, it's amazing those guys worked anyone at all! I have a large collection of no-prefix QSL cards from the 20's and they are a real treat to sit and read about the stations being used. Guys running raw AC on the plate of some poor ole tube :)

73, Scott WA9WFA

> On Jan 7, 2016, at 7:58 PM, mattgoff54@yahoo.com [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> Hi Scott, I think that must have been a different Matt...I dont see anything in my email traffic. Anyway the cap is an old square "Solar" bakelite. Its smaller than the usual two holed CDs and Sangamos, almost half the size so you might be right, it just may not be up to the task. Ill sub it out and see if I can get down to CW territory with a steady signal.
>
> Ive been reading just about everything I can get my hands on including a lot of 20's QST from eBay (sorry if anyone here bids or has bid against me) and I really like to try and keep my efforts as close to original as possible. But yes the PS has been invaluable and sure beats multiple lashed up 5U4 jobs.
>
> Thanks for the advice I'll keep tinkering.

12262. RE: [AWA Group] Re: UV199 TX Project...Supper

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-08 03:02:27 UTC
From: Mike Feher
Topic: 12245 Message: 12262

I just saw this now. This seems way too high. That means the 199 is dissipating slightly over a watt and not oscillating. The tube might be gassy. Lowering the voltage and seeing what happens in my opinion is still a good idea. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, January 07, 2016 7:42 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: UV199 TX Project...Supper

12ma

On Thu, 1/7/16, Ron Barlow imalowfer@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Re: UV199 TX Project...Supper
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Received: Thursday, January 7, 2016, 6:07 PM

How much
plate current does the 199 draw, during its "failure
to oscillate" status, Don?
73 de ron

On Thursday, January
7, 2016 4:57 PM, "'Louis Vermond'
ldvermond@sympatico.ca [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:

☐

You dont
wanna know what I am
wondering. ... I think we
do.

Ja Lou, naturlich.
Great. Can I bring a
friend?

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antivirus software.

www.avast.com

12263. Re: [AWA Group] A newbie's type 27 Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-08 03:06:04 UTC
From: Steve
Topic: 12250 Message: 12263

>crappy unregulated power supply ...raw AC on the plate

real radio men! Probably keyed the B- as well !

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

12264. Re: [AWA Group] A newbie's type 27 Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-08 03:58:30 UTC
From: mattgoff54@...
Topic: 12250 Message: 12264

Scott, yes Id say that was it. I swapped it out for a few kv CD cap and it seems to be running steady. I guess I could change the coil and might, we'll see.

My intent is to use the heath power supply to get the rig going before I throw in the homebrew PS variable. I have an 80 and an old Thordarson, while not 20s vintage, that I think might work well but at 300v not for a 27. A 210 is in the mail however.

I have a lot of respect for the early amatuers and what they were able to accomplish with that equipment. Ive always loved early tube gear, got my first Atwater Kent I think when I was 14 and thats when I started trying to build a TNT like I saw in my "official 1934 shortwave manual." It didnt work so well. It didnt work at all.

Matt

12265. RE: [AWA Group] Re: UV199 TX Project...Supper

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-08 04:06:58 UTC
From: Mike Feher
Topic: 12245 Message: 12265

Well, that is 10 times lower than you previously posted. Were you able to test the emission of the tube yourself? 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, January 07, 2016 8:53 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: UV199 TX Project...Supper

Would you believe 1.2ma
don

12266. Re: [AWA Group] Re: UV199 TX Project...Supper

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-08 14:54:57 UTC
From: Larry Szendrei
Topic: 12245 Message: 12266

On 1/7/16 8:52 PM, dulmagedon@... [AWAGroup] wrote:
>
> Would you believe 1.2ma
> don
>
> _
Yes, that sounds more believable ;-)

12267. Re: [AWA Group] A newbie's type 27 Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-08 17:18:43 UTC
From: Ron Barlow
Topic: 12250 Message: 12267

Hi Matt, I'm glad that you found a cure for the problem! I have not found success, with the use of any solid dielectric capacitors, in the several "power" oscillator type transmitters, that I have constructed (using the type 27, 10, 841, and triode connected 24As). The relatively large value of circulating RF current, the occurs in such power oscillators, seems to be of a magnitude that causes heating, and thus, a change in the capacitance value, of any solid dielectric caps, that I have on hand. I have even attempted to use multiple silvered mica caps in parallel, for the "fixed" portion of the LC tank circuit, which effected an improvement, in the drift rate, but the drift was still present. The substitution of an air dielectric padder cap, in lieu of the solid dielectric cap, effected an immediate cure, for the drift
problem. 73 & GL de ron n4gjv

On Thursday, January 7, 2016 10:58 PM, "mattgoff54@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  Scott, yes Id say that was it. I swapped it out for a few kv CD cap and it seems to be running steady. I guess I could change the coil and might, we'll see.

My intent is to use the heath power supply to get the rig going before I throw in the homebrew PS variable. I have an 80 and an old Thordarson, while not 20s vintage, that I think might work well but at 300v not for a 27. A 210 is in the mail however.

I have a lot of respect for the early amatuers and what they were able to accomplish with that equipment. Ive always loved early tube gear, got my first Atwater Kent I think when I was 14 and thats when I started trying to build a TNT like I saw in my "official 1934 shortwave manual." It didnt work so well. It didnt work at all.

Matt

12268. I have a 29 transmitter up on Ebay ...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-08 19:13:58 UTC
From: Louis Vermond
Topic: 12268 Message: 12268

Scott,

Please post its Item Nr.

Lou

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https://www.avast.com/antivirus

12269. Re: [AWA Group] I have a 29 transmitter up on Ebay ...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-08 19:19:19 UTC
From: Bill Stewart
Topic: 12268 Message: 12269

Is this it??
Bill K4JYS

http://www.ebay.com/itm/1929-Style-Ross-Hull-Self-Excited-Hartley-Oscillator-Transmitter-for-40-Meters-/262223018170?hash=item3d0db5b8ba:g:BFcAAOSwZG9Wib4t

----- Original Message -----

From: "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Friday, January 8, 2016 2:13:58 PM
Subject: [AWA Group] I have a 29 transmitter up on Ebay ...

Scott,

Please post its Item Nr.

Lou

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www.avast.com

12270. I have a 29 transmitter up on Ebay ...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-08 19:29:40 UTC
From: Bill Stewart
Topic: 12268 Message: 12270

Is this it??
Bill K4JYS

http://www.ebay.com/itm/1929-Style-Ross-Hull-Self-Excited-Hartley-Oscillator-Transmitter-for-40-Meters-/262223018170?hash=item3d0db5b8ba:g:BFcAAOSwZG9Wib4t

12271. Re: [AWA Group] I have a 29 transmitter up on Ebay ...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-08 20:19:17 UTC
From: Louis Vermond
Topic: 12268 Message: 12271

Is this it?? Yes... Why, Scott?!

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https://www.avast.com/antivirus

12272. Re: [AWA Group] Re: UV199 TX Project...Supper

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-08 20:21:27 UTC
From: dulmagedon@...
Topic: 12245 Message: 12272

I forgot to push the" . "! But forget it all. I dragged out my best meter for measuring MA, put it on the 10ma scale and I put on my new glasses which is no small thing. So I tried your suggestion Mike. At 45 volts 1.4MA and 90 volts 2.4 ma. Yes I was "guessing" on the wrong scale without my glasses. I should know better.
Anyway moving right along. Specs call for 2.5ma at 90 volts so that is I would say acceptable. 1.4ma at 45 seems reasonable to me. I would say the tube is OK. I suspect it is no good for RF or needs a lot of feedback, more then it is getting in the circuits I have tried. I would think the tube lacks natural internal capacity compared to others we use. An Armstrong circuit might do because it is easy to make it with excessive feedback however to my way of thinking, as cute as it is, this is not a good tube for a power oscillator. And I suspect is not, as Larry suggested, perhaps a wonderful tube for HF. It might go lower down in freq. I m going to rest here for now. It is an oddball tube being the only one with a 4E pinout. So I asked myself, "Self , why are you building this? Do you need another TX? No! Because I had the socket and didn't want to waste it. Is that rational? Probably not!" I don't think this circuit is going to oscillate. I don't think the tube is up to it. That said I do like the new circuit as it sounds really good on the monitor RX when I have the 201A in it. So I have decided for now I will build a proper UV 199 to 201A adapter and run it with the 201A. Anytime I come across a UV199 I will try it. Maybe someday I will find one that will run. I will be most surprised if I do. How do I justify the QST story? I can't. I am on 80M with it now and I might try it at 160m just to see but I for now am reasonably satisfied that is how it is. If anyone is convinced otherwise dig your tube out and make one. It doesn't take long to do. I would be interested to see the results.
donVE3LYX

12273. Re: [AWA Group] Re: UV199 TX Project...Supper

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-08 20:22:01 UTC
From: dulmagedon@...
Topic: 12245 Message: 12273

I forgot to push the" . "! But forget it all. I dragged out my best meter for measuring MA, put it on the 10ma scale and I put on my new glasses which is no small thing. So I tried your suggestion Mike. At 45 volts 1.4MA and 90 volts 2.4 ma. Yes I was "guessing" on the wrong scale without my glasses. I should know better.
Anyway moving right along. Specs call for 2.5ma at 90 volts so that is I would say acceptable. 1.4ma at 45 seems reasonable to me. I would say the tube is OK. I suspect it is no good for RF or needs a lot of feedback, more then it is getting in the circuits I have tried. I would think the tube lacks natural internal capacity compared to others we use. An Armstrong circuit might do because it is easy to make it with excessive feedback however to my way of thinking, as cute as it is, this is not a good tube for a power oscillator. And I suspect is not, as Larry suggested, perhaps a wonderful tube for HF. It might go lower down in freq. I m going to rest here for now. It is an oddball tube being the only one with a 4E pinout. So I asked myself, "Self , why are you building this? Do you need another TX? No! Because I had the socket and didn't want to waste it. Is that rational? Probably not!" I don't think this circuit is going to oscillate. I don't think the tube is up to it. That said I do like the new circuit as it sounds really good on the monitor RX when I have the 201A in it. So I have decided for now I will build a proper UV 199 to 201A adapter and run it with the 201A. Anytime I come across a UV199 I will try it. Maybe someday I will find one that will run. I will be most surprised if I do. How do I justify the QST story? I can't. I am on 80M with it now and I might try it at 160m just to see but I for now am reasonably satisfied that is how it is. If anyone is convinced otherwise dig your tube out and make one. It doesn't take long to do. I would be interested to see the results.
donVE3LYX

12274. via Jim, VE3BHK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-08 20:22:54 UTC
From: Louis Vermond
Topic: 12274 Message: 12274

February 13 is World Radio Day, fyi: http://www.diamundialradio.org/?q=en

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https://www.avast.com/antivirus

12275. Re: [AWA Group] Re: UV199 TX Project...Supper

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-09 00:11:21 UTC
From: dulmagedon@...
Topic: 12245 Message: 12275
Attachments: 1 described; binary payloads are missing from this source WARC

Here is the one I built yesterday afternoon. The small piece beside it is an adapter I made today to run a 201A etc in the UV199 socket. I built the rig from the 1926 QST article as close as I possibly could.
donVe3LYX

12276. RE: [AWA Group] Re: UV199 TX Project...Supper [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-09 00:15:36 UTC
From: Mike Feher
Topic: 12245 Message: 12276

Don –

That grid leak looks like it is 470K, which may be good enough. I would also prefer to see a mica across the grid leak and not a ceramic. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, January 08, 2016 7:11 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: UV199 TX Project...Supper [1 Attachment]

Here is the one I built yesterday afternoon. The small piece beside it is an adapter I made today to run a 201A etc in the UV199 socket. I built the rig from the 1926 QST article as close as I possibly could.
donVe3LYX

12277. Re: [AWA Group] I have a 29 transmitter up on Ebay ...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-09 00:18:15 UTC
From: Whitebear1122
Topic: 12268 Message: 12277

Yes that’s it. It’s a cutie. 73, Scott WA9WFA
> On Jan 8, 2016, at 1:29 PM, Bill Stewart cwopr@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
>
>
> Is this it??
> Bill K4JYS
>
> http://www.ebay.com/itm/1929-Style-Ross-Hull-Self-Excited-Hartley-Oscillator-Transmitter-for-40-Meters-/262223018170?hash=item3d0db5b8ba:g:BFcAAOSwZG9Wib4t <http://www.ebay.com/itm/1929-Style-Ross-Hull-Self-Excited-Hartley-Oscillator-Transmitter-for-40-Meters-/262223018170?hash=item3d0db5b8ba:g:BFcAAOSwZG9Wib4t>
>
>
>

12278. Re: [AWA Group] I have a 29 transmitter up on Ebay ...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-09 00:31:43 UTC
From: Whitebear1122
Topic: 12268 Message: 12278

Hi Lou, I’m just continuing to downsize. Over the past 8 some years I’ve sold off over 85% of my stuff and in a couple of months I’ll hit 90%. I’m very close now. I did have an outrageous amount of radios back then.

I have four 1929 transmitters in various states. This Hull Hartley, my original 80 M 2x27 MOPA, my current 40m/80m/160m push pull Colpitts, and a 40 meter Colpitts LC given to me by John Rollins in thanks for handling the 29 QSO Party for him. John’s LC tank circuit is gorgeous as John was a master builder. I want to finish off Johns 40m Colpitts this year with a 211 tube just like the one Tim W1GIG has, and then use my other Colpitts for 160 and 80. So I’m moving the Hull Hartley on.

I’ve got some other 1920’s early 1930’s equipment that I’ll be selling off. For example I have an original early 1930’s station that was some OT’s station back then. It’s a crystal controlled transmitter and what I believe is the “Rationalized Autodyne” receiver. I have another Rationalized Autodyne receiver, and a mid 1930’s home-brew superhetrodyne receiver made with the round National IF transformers like those found in the FB-7. I also have a 3’ wide early 1930s multi stage transmitter that has one of those cool globe looking 860’s. I have no idea how to ship the transmitter as a custom box will be needed. Also will be selling a National built Lafayette SW-5 like receiver. Then I’ll be selling my super rare National SW-3 Model III which was the last SW-3 model made, with the headphone jack and B+ switch on the front, the antenna and ground terminals moved to the left side, octal tubes, and pin jacks on the right rear for headphones. I also have the original doghouse supply and the original 3 sets of Model III specific band spread coils for 20,40,80m, and the coil boxes. I casually looked for 25 years to find that receiver and only know of one or two others. The Model III was said to be built up into the early 40’s.

It was so much fun to acquire all the old radios but such as pain in the butt to advertise, pictures, box and ship :)

73, Scott WA9WFA

> On Jan 8, 2016, at 2:19 PM, 'Louis Vermond' ldvermond@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> □
>
> Is this it?? Yes... Why, Scott?!
>
>
>
> <https://www.avast.com/antivirus>
> This email has been checked for viruses by Avast antivirus software.
> www.avast.com <https://www.avast.com/antivirus>

12279. Re: [AWA Group] I have a 29 transmitter up on Ebay ...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-09 01:52:49 UTC
From: Louis Vermond
Topic: 12268 Message: 12279

40 meter Colpitts LC given to me by John Rollins in thanks for handling the 29 QSO Party for him. John’s LC tank circuit is gorgeous as John was a master builder.

Please send photos!

As for the rest, I'm sure that your E-Box is melting due to the overload from the Members....

Lou

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https://www.avast.com/antivirus

12280. Re: [AWA Group] Re: UV199 TX Project...Supper [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-09 02:07:19 UTC
From: Louis Vermond
Topic: 12245 Message: 12280
Attachments: 2 described; binary payloads are missing from this source WARC

Standing by for ur SKED...

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https://www.avast.com/antivirus

12281. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-09 02:33:37 UTC
From: Louis Vermond
Topic: 130 Message: 12281

See 1920s ARRL Handbooks

http://www.ebay.com/sch/xxtoymanxx/m.html?item=201498825014&hash=item2eea441136%3Ag%3AhEoAAOSwT~9Wjpwz&rt=nc&_trksid=p2047675.l2562

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12282. Re: [AWA Group] Re: UV199 TX Project...Supper [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-09 03:30:43 UTC
From: dulmagedon@...
Topic: 12245 Message: 12282

Well it wont be running a UV199 but I can get it in band and give er with the 201A.
Mike I have had a real problem with SM from my source failing. In fact a couple of months ago I replaced the last of them. These while perhaps not engineering quality do not fail and are fairly stable. Old micas I simply do not have. These have been very reliable for me so I use them for now. Never had to replace one.
donVe3LYX

12283. Re: [AWA Group] Re: UV199 TX Project...Supper

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-09 08:37:14 UTC
From: Ron Barlow
Topic: 12245 Message: 12283

Hi Don, That 2.5 ma @ 90 plate volts, is specified at a grid bias of -4.5 volts. I suspect that you are using grid leak bias only, in your Hartley oscillator. If that is true, the tube will be operating at zero bias in a non-oscillating state, and the tube should be drawing much more than 2.4 ma., under those conditions. I suspect and fear that your 199 is suffering from low emission (and thus, low transconductance)
problems. GL& 73 de
ron n4gjv

12284. Re: [AWA Group] Re: UV199 TX Project...Supper

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-09 13:45:05 UTC
From: dulmagedon@...
Topic: 12245 Message: 12284

Ok Ron, That would make sense. So I will keep it as a UV199 in the hopes that someday I get a real good one. I remember way back when I first ran the 45 TNT I only had one old 45 and it was pretty well pooped. If I wanted it to oscillate I had to push the heater voltage to almost 5. I figured it was low on emssion as well. I know guys terrible thing but I had zip to lose as it was no good otherwise. I got away with it for a quite awhile until the day Lou and I had a sked and on warm up it popped and I had to toss in a 201A for the Sked. Lou raided his supply and sent me a 45 which is still working real good on .2.5. and I take real good care of it. This tube the UV199 acts the same way. But since it is so rare and I have only one that is any good at all I am afeared to do that to it. And having bought 3 tubes already I have spent my wad for now. However today started of well. I rose early and checked into the Old Military Radio Net at the 6 AM check in. Next in line to me in the order was ANOTHER! No 19 set. N3XON I beleive was his call. We heard each otheralthough not great in fact I handed off to him. Always wanted a No 19 to No 19 contact so now I have that done. BTW Larry . Tim HLR was in there on his ART13. Strong here. Good group they are but start at 5 AM. I am dangerous that time of day but now I can at least reach them and check in.I also want to work Joe with his Angry 9 someday and he also has a No 19. Anyway I plan to put the new rig on freq and put some cables on it for the PSU and key. If all goes well I will be torturing Lou by evening. Last night I had the 6l6 breadboard on for awhile It is doing a good job for me. Been thinking about making a 211 Crystal controlled rig as I still have one Big Socket left and love that tube.

12285. Re: [AWA Group] Re: UV199 TX Project...Supper [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-09 13:45:23 UTC
From: pacquerat@...
Topic: 12245 Message: 12285

Don,

I have been watching this thread with great interest...

Seems that many battery radios from the 20's used the '99 as a regenerative detector. Some home-brews using a pancake (spier-web) coil would get up to 40 meters. Yes, oscillating so that CW could be received. IMHO I think the external circuity constants are "off" and that you already know how to build a regenerative radio, simply work from that point of view. You have proven that it will not work as a direct plug in, into the existing circuit. Wish I had the time to tinker, I have all the stuff and the Ham ticket, CW sucks though.

You may have "roasted" the '99. They have a thoriated tungsten filament and can be rejeuvenated. There are sevral proceses, each thakes a more severe approach at restoring emission.. The first one is simple. Discommect the plate and the grid from EVERYTHING. apply 4 volts to the filament for an 1/2 hour. If no joy I tell you the rest of the steps right up to the one where you put 7.5 volts on the filament Yeow!...

The layer of active thorium is only one atom thick, too much plate current will pull of that layer into oblivion, actually I think it gets stuck to the plate. BUT there is more thorium in the filament wire all mixed in... The trick is to get the filament hot enough, depending how far in the thorium is after hours of use, and bring it to the surface. This process will not work forever. At some point all the thorium is used up. Evidence of that is the tube will have no emission even after the brutal flash and cook cycle.

If your 99 shows gassy, save it for the receiver a gassy detector has a non-linear curve that is great for sensitive detection...

So don't give up just yet...

Chas

WA1JFD

12286. Re: [AWA Group] Re: UV199 TX Project...Supper

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-09 14:48:36 UTC
From: Larry Szendrei
Topic: 12245 Message: 12286

On 1/9/16 8:45 AM, dulmagedon@... [AWAGroup] wrote:
>
> I rose early and checked into the Old Military Radio Net at the 6 AM
> check in. Next in line to me in the order was ANOTHER! No 19 set.
> N3XON I beleive was his call. We heard each otheralthough not great
> in fact I handed off to him. Always wanted a No 19 to No 19 contact so
> now I have that done. BTW Larry . Tim HLR was in there on his ART13.
> Strong here. Good group they are but start at 5 AM.
>

I didn't get up early enough to hear you, but I heard many stations
giving you reports. The only station I heard say that they heard you Q5
was Tim WA1HLR. Other stations reported anywhere from not at all to Q4.
When Ted W3PWW turned it over to you for another transmission you were
nowhere to be found. Too bad, if you were there I would have jumped in.

73,
-Larry/NE1S
> ._,___
>

12287. UV-199

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-09 15:09:32 UTC
From: Bill Stewart
Topic: 12287 Message: 12287

Don, here's a couple just in case you are interested....12 hr to go.
GL, Bill K4JYS

http://www.ebay.com/sch/i.html?_odkw=ameco&_osacat=4670&_from=R40&_trksid=p2045573.m570.l1313.TR0.TRC0.H0.Xuv-199.TRS0&_nkw=uv-199&_sacat=4670

12288. RE: [AWA Group] Re: UV199 TX Project...Supper

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-09 15:23:49 UTC
From: Mike Feher
Topic: 12245 Message: 12288

Don –

Believe it or not, Walt Hutchens (KJ4KV) and I started that Military net back in the late 80's. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, January 09, 2016 8:45 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: UV199 TX Project...Supper

Ok Ron, That would make sense. So I will keep it as a UV199 in the hopes that someday I get a real good one. I remember way back when I first ran the 45 TNT I only had one old 45 and it was pretty well pooped. If I wanted it to oscillate I had to push the heater voltage to almost 5. I figured it was low on emssion as well. I know guys terrible thing but I had zip to lose as it was no good otherwise. I got away with it for a quite awhile until the day Lou and I had a sked and on warm up it popped and I had to toss in a 201A for the Sked. Lou raided his supply and sent me a 45 which is still working real good on .2.5. and I take real good care of it. This tube the UV199 acts the same way. But since it is so rare and I have only one that is any good at all I am afeared to do that to it. And having bought 3 tubes already I have spent my wad for now. However today started of well. I rose early and checked into the Old Military Radio Net at the 6 AM check in. Next in line to me in the order was ANOTHER! No 19 set. N3XON I beleive was his call. We heard each otheralthough not great in fact I handed off to him. Always wanted a No 19 to No 19 contact so now I have that done. BTW Larry . Tim HLR was in there on his ART13. Strong here. Good group they are but start at 5 AM. I am dangerous that time of day but now I can at least reach them and check in.I also want to work Joe with his Angry 9 someday and he also has a No 19. Anyway I plan to put the new rig on freq and put some cables on it for the PSU and key. If all goes well I will be torturing Lou by evening. Last night I had the 6l6 breadboard on for awhile It is doing a good job for me. Been thinking about making a 211 Crystal controlled rig as I still have one Big Socket left and love that tube.

12289. UV199 TX Project...199/30

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-09 16:10:57 UTC
From: Louis Vermond
Topic: 12289 Message: 12289
Attachments: 1 described; binary payloads are missing from this source WARC

Anyway I plan to put the new rig on freq and put some cables on it for the PSU and key. If all goes well I will be torturing Lou by evening.
I'll be out this evening, Don. Hw abt Sunday nite?

BTW: 199 clone. Use a Type 30. Cheap and plentiful. Think they are a close match. Others comment on this bold statement?

73, Lou

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12290. Re: [AWA Group] UV199 TX Project...199/30

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-09 17:19:04 UTC
From: Larry Szendrei
Topic: 12289 Message: 12290
Attachments: 1 described; binary payloads are missing from this source WARC

On 1/9/16 11:10 AM, 'Louis Vermond' ldvermond@... [AWAGroup] wrote:
>
> BTW: 199 clone. Use a Type 30. Cheap and plentiful. Think they are a
> close match. Others comment on this bold statement?
> 73, Lou
>
Not quite. The 30 has about twice the amplification factor, and transconductance, as the '99. Should be able to run at a couple of watts DC input, and a '99 won't do that. Maximum plate voltage is 90 for a '99, and double that for the 30. The 30 should be much easier to coax into oscillation.

In my grandfather's broadcast band regen using a UV-199, I had to put a 10pF capacitor between grid and plate to get it to go into oscillation at the low end of the band.

For BK purposes, the 30 wasn't available in 1929.

73,
-Larry/NE1S

12291. Re: [AWA Group] UV199 TX Project...199/30

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-09 17:34:46 UTC
From: Louis Vermond
Topic: 12289 Message: 12291

Not quite. The 30 has about twice the amplification factor, and transconductance, as the '99. Should be able to run at a couple of watts DC input, and a '99 won't do that. Maximum plate voltage is 90 for a '99, and double that for the 30. The 30 should be much easier to coax into oscillation.

I had to put a 10pF capacitor between grid and plate to get it to go into oscillation ... Did u try this, Don?

For BK purposes, the 30 wasn't available in 1929. Introduced in the US, 1930. Canada? Dec. 31, 1929...honest.

http://www.ebay.com/itm/four-NOS-Rogers-type-30-vacuum-tubes-WD-11-replacement-/301810380488?nma=true&si=Xw6iDJrRcWyZoC6whbOIDoV10Mk%253D&orig_cvip=true&rt=nc&_trksid=p2047675.l2557

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12292. Re: [AWA Group] Re: UV199 TX Project...Supper

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-09 17:40:26 UTC
From: dulmagedon@...
Topic: 12245 Message: 12292

Well as you know Tim doesn't give Q5s away. He is well over 3oo miles from me so I am happy. The closer ones including Ted NC had the most trouble. He is quite a bit closer then Tim to me. In fact I just looked that up now. Also there was an SSB guy spilling over real close which certainly doesn't help anyone. I had trouble copying Gary 100% ONLY for that reason. Had it been clear it would have been no trouble as his signal was reasonable. Anyway just as an interest I was never able to check in with my ARC5s or Dx60B barefoot so I am pleased to put it mildly. It is my third check in with the No 19 so it is doing the job for me. I told them I was only in for one go-round (as the XYL was waiting for me to take her out for breakfast) but it was nice they gave me a second shot even if I wasn't there. I know Tim is running a ART13 but other then Gary's other 19 I don't know my US radios well enough to know what they are running for power. I could pop the Amp on but seems cheating to me. However for the DX60 net I set it all up so I can be well heard. But it is a different deal. Sorry I missed you. Tis an early net. I want to hear an Angry 9. Joe has one and we may try it someday between us.
Well I am glad you guys started it Mike. I have listened for quite awhile (maybe over a year) but tis nice now to be able to check in. I try not to use un others time at the mic. Just glad to be there and here those wonderful old rigs. I am really enjoying the No 19 now. I use it everyday.
The point about the UV199 as a regen is well taken. The thought had crossed my mind that as I said before it might go as an Armstrong. Anyway I was working on proper power wiring this morning but have to work on the 63 Dodge today as I borrowed a brake drum puller for today so I can service a rear axle seal. We will see how things go.
My GDO has developed a break in its heads cabling which is very annoying. Gets in the way of development. Anyway I tried it on 4 volts just to see. No joy. I will poke away at it and if it is possible eventually I will get it going . It would be nice to have an actual build specific for the UV199. It is mentioned in the26 QST article as one of the tubes but I am beginning to wonder . That rig was built for a 201. I have copied it as close as possible and I have built a lot of osc and regens so when it wont go I wonder. My values are so close , closer then tolerences would be so it should be singing. And when it runs on the 201 well makes one wonder. I wrote tech stuff for magazines for over 20years so I know some of the things that happen when success and deadlines cross purposes. Not always the writer who makes the jump. Sometimes words are put in you didn't write or say.
donVe3LYX

12293. eBay Alert....Sigh

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-09 21:17:05 UTC
From: Louis Vermond
Topic: 12293 Message: 12293

http://www.ebay.com/itm/1875-Partrick-Carter-Telegraph-Key-Sounder-Antique-Bug-Near-Mint-Orig-/191771433873?hash=item2ca677db91:g:X24AAOSwT~9WhSRW

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https://www.avast.com/antivirus

12294. Transformer question -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-09 21:32:13 UTC
From: Mike Feher
Topic: 12294 Message: 12294

Sometimes it seems the more I know the more evident it becomes to me that I know less than I think. I recently obtained an HF solid state amp that runs off of 24 volts at about 80 amps peak. I do have a PS for it, but, the PS runs off of 220. I see some reasonably priced transformers that convert 220 0r 440 at about 2 KVA to 115. The question is, how efficient would these be to run backwards? I believe in most transformers the primary is the inner winding, which helps to magnetize the core more effectively. Simple thinking would make me think there would be no problem running these in reverse. Any good reasons any one can think of why that may not be a good solution? I moved my ham shack into one of the upstairs bedrooms and I only have 120 there. Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

12295. RE: [AWA Group] Transformer question -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-09 22:31:26 UTC
From: Steve Flood
Topic: 12294 Message: 12295

Hi Mike. Funny that you ask this. I had a similar question back when I was building a PS for my amplifier. Here's what I have in my notes after asking some amp gurus..

If you stay within the VA ratings for the windings it may work fine. However, you might consider the inrush current rating on the primary side (which you will be using as a secondary, and vice-versa). The secondary-cum-primary may have to be derated by some amount to stay within current and heating specs. The relative power coupling of the two windings will also change, requiring further derating.

With 24v at 80A (1920VA) load. That doesn't leave much room for derating from 2kva.

BTW, I ended up finding a suitable HV transformer and not having to run one backwards. I also bit the bullet and brought 240v to my shack.

Steve KK7UV

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https://www.avast.com/antivirus

12296. Re: UV199 TX Project...199/30

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-09 23:42:32 UTC
From: dulmagedon@...
Topic: 12289 Message: 12296

Whew, my younger brother was here for a visit so I got diddly done this afternoon so that cuts me some slack Lou. I give you a heads up when it is ready for a QSO.
Re 30 tube. The trouble there is a 30 goes where a UX199 goes, not a UV199. It looks like a better candidate for a tx then the 99s Anyway I am going to coast for awhile and think it through. All this work for, if I am lucky, .220ma input. Not sure this makes sense anymore.
Heard from the other No 19 guy this afternoon. He runs a Series Two Mk111 Amp (very rare piece)on his and uses the Intercom to modulate it. They made a control box to do this here in Canada and it is simply a plug in deal. I used to know the number of that box but have forgotten it now. His rig sounded good and he said the same as I just said earlier.
"Without the SSB interference we both would have been just fine."
We are going to try a 40M contact some day soon.
donVe3LYX

12297. RE: [AWA Group] Transformer question -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-10 02:54:14 UTC
From: Mike Feher
Topic: 12294 Message: 12297

Steve -

Thanks for confirming the possible decrease in efficiency, and reminding me of the increased inrush current. I did not even think of that. I will let you know how it works out. Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, January 09, 2016 5:31 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Transformer question -

Hi Mike. Funny that you ask this. I had a similar question back when I was building a PS for my amplifier. Here's what I have in my notes after asking some amp gurus..

If you stay within the VA ratings for the windings it may work fine. However, you might consider the inrush current rating on the primary side (which you will be using as a secondary, and vice-versa). The secondary-cum-primary may have to be derated by some amount to stay within current and heating specs. The relative power coupling of the two windings will also change, requiring further derating.

With 24v at 80A (1920VA) load. That doesn't leave much room for derating from 2kva.

BTW, I ended up finding a suitable HV transformer and not having to run one backwards. I also bit the bullet and brought 240v to my shack.

Steve KK7UV

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12298. Re: UV199 TX Project...199/30

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-10 02:59:42 UTC
From: dulmagedon@...
Topic: 12289 Message: 12298

Sorry to jump right back in. I have the little rig all done, cabled with key jack installed and the 201A in the adapter installed. It is a very interesting rig because it has no chirp. Tube drifts a bit if you start up cold but even that is minor. Not enough to require twisting the RX dial at all. Just enough you know. Actually I just realized it is less then my Kenwood TS830S does so it is almost not relevant. At 245 volts key down it draws 13.4 ma. Not a lot so it isnt going to be supper powerful however if I was building a MOPA this is the MO circuit I would take a hard look at. The QST article said he was told it sounded like a Crystal controlled rig. It actually does. Power out ? Maybe a watt or just over. Not a lot. Will need good conditions for any distance but it is is a nice little rig. Tunes easily and stays where you put it. I have it right on 80M. Full mesh is bottom of band. (A fluke , cause it certainly wasn't planning.)
donVE3LYX

12299. RE: [AWA Group] Transformer question -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-10 03:12:25 UTC
From: dulmagedon@...
Topic: 12294 Message: 12299

When I set up my automotive machine shop I got a real deal on a 56 inch surface grinder because it was three phase and 660 volt. I found a three phase 660 to 220 (down conversion) transformer surplus and asked my guru (aka Dad) if I could use it. He said "Run it backwards. It will be fine" and I did for 15 years as is the guy who owns it now. I also had to make the three phase but that is another story. Machine was worth about $20,000 when new , I got it for scrap price of $100 because no one wanted to rewire to use it.(didn't sell it for that though :>)))
donVe3LYX

12300. eBay Alert es GM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-10 14:55:46 UTC
From: Louis Vermond
Topic: 12300 Message: 12300

http://www.ebay.com/itm/Vintage-QST-Amateur-Radio-Magazine-March-1932-/371528546009?

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https://www.avast.com/antivirus

12301. Re: [AWA Group] Transformer question -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-10 15:51:27 UTC
From: Larry Szendrei
Topic: 12294 Message: 12301

Mike,

I suggest you pose the question to Richard Brunner, AA1P
(brunneraa1p@...).

He used to work in the field (I think there's a pun there!), and he's
also an old radio enthusiast.

73,
-Larry/NE1S

On 1/9/16 4:32 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Sometimes it seems the more I know the more evident it becomes to me
> that I know less than I think. I recently obtained an HF solid state
> amp that runs off of 24 volts at about 80 amps peak. I do have a PS
> for it, but, the PS runs off of 220. I see some reasonably priced
> transformers that convert 220 0r 440 at about 2 KVA to 115. The
> question is, how efficient would these be to run backwards? I believe
> in most transformers the primary is the inner winding, which helps to
> magnetize the core more effectively. Simple thinking would make me
> think there would be no problem running these in reverse. Any good
> reasons any one can think of why that may not be a good solution? I
> moved my ham shack into one of the upstairs bedrooms and I only have
> 120 there. Thanks & 73 ? Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
>

12302. RE: [AWA Group] Transformer question -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-10 16:05:47 UTC
From: Mike Feher
Topic: 12294 Message: 12302

Thanks Larry. Yes, I often see his posts. I did also find a 3 KVA version of the same transformer, so, if I go that route then I'll probably get that. Now the biggest concern will be to make sure I have a dedicated circuit for it in that room and a large enough breaker. I do not expect to necessarily use it on high power all the time or continuous duty, but, it should be able to handle the peaks. Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, January 10, 2016 10:51 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Transformer question -

Mike,

I suggest you pose the question to Richard Brunner, AA1P (brunneraa1p@...).

He used to work in the field (I think there's a pun there!), and he's also an old radio enthusiast.

73,
-Larry/NE1S

On 1/9/16 4:32 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

Sometimes it seems the more I know the more evident it becomes to me that I know less than I think. I recently obtained an HF solid state amp that runs off of 24 volts at about 80 amps peak. I do have a PS for it, but, the PS runs off of 220. I see some reasonably priced transformers that convert 220 0r 440 at about 2 KVA to 115. The question is, how efficient would these be to run backwards? I believe in most transformers the primary is the inner winding, which helps to magnetize the core more effectively. Simple thinking would make me think there would be no problem running these in reverse. Any good reasons any one can think of why that may not be a good solution? I moved my ham shack into one of the upstairs bedrooms and I only have 120 there. Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

12303. Re: [AWA Group] Re: UV199 TX Project...199/30

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-10 18:35:46 UTC
From: Louis Vermond
Topic: 12289 Message: 12303

Congrats, Don.

I have it right on 80M. Full mesh is bottom of band.

RPT OM? Tell me when and freq. Lou

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-01-09 9:59 PM
Subject: [AWA Group] Re: UV199 TX Project...199/30

Sorry to jump right back in. I have the little rig all done, cabled with key jack installed and the 201A in the adapter installed. It is a very interesting rig because it has no chirp. Tube drifts a bit if you start up cold but even that is minor. Not enough to require twisting the RX dial at all. Just enough you know. Actually I just realized it is less then my Kenwood TS830S does so it is almost not relevant. At 245 volts key down it draws 13.4 ma. Not a lot so it isnt going to be supper powerful however if I was building a MOPA this is the MO circuit I would take a hard look at. The QST article said he was told it sounded like a Crystal controlled rig. It actually does. Power out ? Maybe a watt or just over. Not a lot. Will need good conditions for any distance but it is is a nice little rig. Tunes easily and stays where you put it. I have it right on 80M. Full mesh is bottom of band. (A fluke , cause it certainly wasn't planning.)
donVE3LYX

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12304. Re: [AWA Group] Re: UV199 TX Project...199/30

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-10 19:52:30 UTC
From: dulmagedon@...
Topic: 12289 Message: 12304

Right now the band is closed (no CHU which is how I check) As soon as it opens I will give a heads up. For freq. 3539? OK? I don't have a lot of power but with a little luck we might pull it off. It doesn't quack or chirp so will sound a bit different them my other ones.
donVe3LYX

12305. Re: [AWA Group] Re: UV199 TX Project...199/30

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-10 20:48:08 UTC
From: N1BUG
Topic: 12289 Message: 12305

Big rain and wind storm here. QRN will probably be bad and I'm not sure how many Beverages are still up... but, if you announce the time here I will see if I can hear you in Maine.

Paul

On 01/10/2016 02:52 PM, dulmagedon@... [AWAGroup] wrote:

Right now the band is closed (no CHU which is how I check) As soon as it opens I will give a heads up. For freq. 3539? OK? I don't have a lot of power but with a little luck we might pull it off. It doesn't quack or chirp so will sound a bit different them my other ones. donVe3LYX

12306. Re: [AWA Group] Transformer question -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-10 20:55:35 UTC
From: Ron Barlow
Topic: 12294 Message: 12306

Hi Mike et all, FWIW, some examples of transformers that I have used, long term, in the "backward mode", include an ancient "pole pig" transformer that I used in a 2.2 KV HV power supply, and several "control transformers", that have been used as to source the high voltage, for lower power transmitters/power amps. These transformers have always run cool, but none of them were pushed to their limits, or used to supply loads that were of a 100% duty cycle nature (CW only transmitters). Note that the original primary winding, must handle a bit more power than the original secondary winding did, to compensate for transformer losses. When the roles of the windings are reversed, the "new" primary winding may be overloaded, if the chosen wire size was originally marginal for the task, and the transformer is pushed toward its max rating. You may not have a problem with the use of the 2 KVA transformer, for a low duty cycle application, but the revised plan to use a 3 KVA transformer would seem to be a good idea, for a high duty cycle application. Good insurance (and slightly better regulation) in any
event. 73 & GL de Ron n4gjv

On Saturday, January 9, 2016 10:12 PM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

When I set up my automotive machine shop I got a real deal on a 56 inch surface grinder because it was three phase and 660 volt. I found a three phase 660 to 220 (down conversion) transformer surplus and asked my guru (aka Dad) if I could use it. He said "Run it backwards. It will be fine" and I did for 15 years as is the guy who owns it now. I also had to make the three phase but that is another story. Machine was worth about $20,000 when new , I got it for scrap price of $100 because no one wanted to rewire to use it.(didn't sell it for that though :>)))
donVe3LYX

12307. Re: [AWA Group] Re: UV199 TX Project...199/30

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-10 21:02:30 UTC
From: Louis Vermond
Topic: 12289 Message: 12307

Me too. Lou

Big rain and wind storm here. QRN will probably be bad and I'm not sure how many Beverages are still up... but, if you announce the time here I will see if I can hear you in Maine.

Paul

On 01/10/2016 02:52 PM, dulmagedon@... [AWAGroup] wrote:

Right now the band is closed (no CHU which is how I check) As soon as it opens I will give a heads up. For freq. 3539? OK? I don't have a lot of power but with a little luck we might pull it off. It doesn't quack or chirp so will sound a bit different them my other ones. donVe3LYX

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12308. RE: [AWA Group] Transformer question -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-10 22:13:36 UTC
From: Mike Feher
Topic: 12294 Message: 12308

Thanks Ron –

Yes – the pole pigs did come to mind. Like I said I was concerned about efficiency but will be using a switching supply with it, so, that will be a little more efficient than a linear. If my shack would still be in the basement, I would never even had asked. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, January 10, 2016 3:56 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Transformer question -

Hi Mike et all,

FWIW, some examples of transformers that I have used, long term, in the "backward mode", include an ancient "pole pig" transformer that I used in a 2.2 KV HV power supply, and several "control transformers", that have been used as to source the high voltage, for lower power transmitters/power amps. These transformers have always run cool, but none of them were pushed to their limits, or used to supply loads that were of a 100% duty cycle nature (CW only transmitters).

Note that the original primary winding, must handle a bit more power than the original secondary winding did, to compensate for transformer losses. When the roles of the windings are reversed, the "new" primary winding may be overloaded, if the chosen wire size was originally marginal for the task, and the transformer is pushed toward its max rating. You may not have a problem with the use of the 2 KVA transformer, for a low duty cycle application, but the revised plan to use a 3 KVA transformer would seem to be a good idea, for a high duty cycle application. Good insurance (and slightly better regulation) in any event.

73 & GL de Ron n4gjv

On Saturday, January 9, 2016 10:12 PM, "dulmagedon@... [AWAGroup] <mailto:dulmagedon@...%20[AWAGroup]> " <AWAGroup@yahoogroups.com> wrote:

When I set up my automotive machine shop I got a real deal on a 56 inch surface grinder because it was three phase and 660 volt. I found a three phase 660 to 220 (down conversion) transformer surplus and asked my guru (aka Dad) if I could use it. He said "Run it backwards. It will be fine" and I did for 15 years as is the guy who owns it now. I also had to make the three phase but that is another story. Machine was worth about $20,000 when

new , I got it for scrap price of $100 because no one wanted to rewire to use it.(didn't sell it for that though :>)))
donVe3LYX

12309. Coax Feed for '20s/'30s Xmtrs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-10 22:15:15 UTC
From: Bill Stewart
Topic: 12309 Message: 12309

Good afternoon all,
I know a lot of you use coax fed antennas for many of your BK and
1930s xmtrs. I do for one which I use on 160m. However, I am still
a tad perplexed and this has been bugging me for a while....just how
many turns do you generally use for the link coil to the coax line.
Does it make any difference? Also,when using the coil around the
tank coil, in the case of plug in coils, or at the end of the tank coil,
does it make any difference what imped. the antenna being fed is....ie,
coax, end fed, sgl wire fed windom, etc. Should a certain number of
link coil turns be used for a certain imped. antenna. Here again, does
it make any difference. Will 'the more turns the better' (within reason)
work here as far as power transfer to the antenna. Any clarification
would be much appreciated. Tnx....
73 de Bill K4JYS

12310. Re: [AWA Group] Re: UV199 TX Project...199/30

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-10 22:16:30 UTC
From: dulmagedon@...
Topic: 12289 Message: 12310

OK CHU is real strong right at the moment. I am showing 514PM so I will call CQ at 5:20. Paul I will be listening for you too. Now remember I don't have much power fellows so I might be faint.
I am showing 3539 kcs. And if occupied will go down 5 (3534)
donVE3LYX

12311. Re: [AWA Group] Re: UV199 TX Project...199/30

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-10 22:19:08 UTC
From: Louis Vermond
Topic: 12289 Message: 12311

QSL Lou

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-01-10 5:16 PM
Subject: Re: [AWA Group] Re: UV199 TX Project...199/30

OK CHU is real strong right at the moment. I am showing 514PM so I will call CQ at 5:20. Paul I will be listening for you too. Now remember I don't have much power fellows so I might be faint.
I am showing 3539 kcs. And if occupied will go down 5 (3534)
donVE3LYX

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12312. Re: [AWA Group] Re: UV199 TX Project...199/30

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-10 22:24:05 UTC
From: Louis Vermond
Topic: 12289 Message: 12312

5:22

Hvy snow discharges on the ant. Sri, I'm CL.. Lou

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12313. Re: [AWA Group] Re: UV199 TX Project...199/30

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-10 22:29:45 UTC
From: Eric NO3M
Topic: 12289 Message: 12313

Hearing Don 556C in PA. Thanks for QSO. No time to fire up OT rig.

73 Eric NO3M

On 01/10/2016 05:16 PM, dulmagedon@... [AWAGroup] wrote:
>
> OK CHU is real strong right at the moment. I am showing 514PM so I
> will call CQ at 5:20. Paul I will be listening for you too. Now
> remember I don't have much power fellows so I might be faint.
> I am showing 3539 kcs. And if occupied will go down 5 (3534)
> donVE3LYX
>
>
> --
>

12314. Re: [AWA Group] Re: UV199 TX Project...199/30

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-10 22:33:46 UTC
From: dulmagedon@...
Topic: 12289 Message: 12314

I called but before I could think N03M was on me like dirt. Stayed after he signed till 530. Will be back by 9PM and will try again.
donVE3LYX

12315. Re: [AWA Group] Re: UV199 TX Project...199/30

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-10 22:41:55 UTC
From: N1BUG
Topic: 12289 Message: 12315

Power keeps going on and off. Didn't see your messages until too late. If I have power at 9PM I will try then. I hate winter!

Paul

12316. Re: [AWA Group] Re: UV199 TX Project...199/30

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-10 23:05:39 UTC
From: Louis Vermond
Topic: 12289 Message: 12316

Don,

Can't make 9.

Eric's 556C in PA is up-lifting. 73, Lou

----- Original Message -----
From: N1BUG paul@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-01-10 5:41 PM
Subject: Re: [AWA Group] Re: UV199 TX Project...199/30

Paul

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https://www.avast.com/antivirus

12317. Re: [AWA Group] Coax Feed for '20s/'30s Xmtrs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-10 23:06:39 UTC
From: Louis Vermond
Topic: 12309 Message: 12317

Looking forward to the answers, Bill. TKS for asking. Lou

----- Original Message -----
From: Bill Stewart cwopr@... [AWAGroup]
To: AWA Group
Sent: 2016-01-10 5:15 PM
Subject: [AWA Group] Coax Feed for '20s/'30s Xmtrs

Good afternoon all,
I know a lot of you use coax fed antennas for many of your BK and
1930s xmtrs. I do for one which I use on 160m. However, I am still
a tad perplexed and this has been bugging me for a while....just how
many turns do you generally use for the link coil to the coax line.
Does it make any difference? Also,when using the coil around the
tank coil, in the case of plug in coils, or at the end of the tank coil,
does it make any difference what imped. the antenna being fed is....ie,
coax, end fed, sgl wire fed windom, etc. Should a certain number of
link coil turns be used for a certain imped. antenna. Here again, does
it make any difference. Will 'the more turns the better' (within reason)
work here as far as power transfer to the antenna. Any clarification
would be much appreciated. Tnx....
73 de Bill K4JYS

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12318. RE: [AWA Group] Coax Feed for '20s/'30s Xmtrs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-10 23:34:33 UTC
From: Steve Flood
Topic: 12309 Message: 12318

>how many turns do you generally use for the link coil to the coax line. Does it make any difference?

About half the turns for my rigs and 50-ohm feed. My 160m coil is 12 turn link for a 20-turn tank coil. It made a difference if I strayed too far with the turn count, in that tuning Q and output efficiency were affected - - at least that seemed to be the case when experimenting with my MOPA and Hull Hartley. The antenna link circuit is a series LCR with R being the antenna load. Too much L in the link needs a lower load cap C to provide the proper plate loading and output peak, but does so with a higher tuning Q which made the loading adjustment touchy and critical. Any antenna movement and change in the load affected the frequency stability probably due to changes in the plate load. Conversely, too little L necessitated a higher load cap C and a low Q, which did not permit peak output and efficiency. (I always thought my note sounded full of harmonics with a low Q antenna link.)

>>does it make any difference what imped. the antenna being fed is....ie,coax, end fed, sgl wire fed windom, etc.

Yes. If your feeding a high impedance, you’re essentially trying to couple the high impedance plate load to a high impedance antenna load. The ‘optimum’ coupling turns will be different, or it may be like those pictures of the antenna wire clipped directly to the tank coil. In other cases the antenna coupling network may have to be a parallel LC lash-up. It would surely be beneficial to measure the impedance your feeding.

Steve KK7UV

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https://www.avast.com/antivirus

12319. Re: [AWA Group] Re: UV199 TX Project...199/30

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-11 01:23:35 UTC
From: dulmagedon@...
Topic: 12289 Message: 12319

Ok, Lou, sorry. Anyway Eric was right there. Good signal. He caught me off guard. I was half expecting no contact but he is 212 mi from me ATCF so I guess it works better then I thought it might. He said I had some AC on the signal. I was running the tube on AC heater power because my battery powered PSU has cathode and heaters preconnected which prevents me from keying. Tomorrow I may simply rework that PSU so it can be keyed in the PSU and that will work on any of my 29 rigs. Was is really spooky is the lack of chirp. Anyway I appreciate Eric being there and coming back to me. I am home now and am going back on at 9PM anyway. Let me know when your free tomorrow if that works out and we can try one between us.
Paul I hope your power is back on. Larry was having house issues as well. I hope that is in hand.
donVe3LYX

12320. Re: [AWA Group] Coax Feed for '20s/'30s Xmtrs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-11 01:31:51 UTC
From: dulmagedon@...
Topic: 12309 Message: 12320

40M 2 turns out, 80M 3 turns out. More is not better. It is easy to have too much. Especially on the big coils. I check with a lamp if I am in doubt. Makes quite a difference in usable power out. I use lamp cord for my vintage stuff. It is 75ohms more or less and works well. Otherwise I run a single wire feed. and ground the other end of the link. I am sure that is all nuts o some but it works very well. I don't think coax was available in the 1920s but that is just a guess. The new rig runs no link but is true to the 1926 schematic.

12321. Re: [AWA Group] Re: UV199 TX Project...199/30

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-11 01:36:00 UTC
From: N1BUG
Topic: 12289 Message: 12321

At 8:35 power is on, but it has been off briefly several times and lights are constantly flickering. If it holds up til 9 I will look for you with my modern rig Don. Good luck and congrats on the contact with Eric earlier.

Paul

12322. Re: [AWA Group] Re: UV199 TX Project...199/30

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-11 02:12:18 UTC
From: Eric NO3M
Topic: 12289 Message: 12322

Don

Seeing just a slight upward chirp on your characters while listening to QSO with Paul, N1BUG using Fldigi waterfall. Maybe on the order of 10 Hz or so. QRN pretty rough tonight.

73 Eric NO3M

On 01/10/2016 08:23 PM, dulmagedon@... [AWAGroup] wrote:
>
> Ok, Lou, sorry. Anyway Eric was right there. Good signal. He caught me
> off guard. I was half expecting no contact but he is 212 mi from me
> ATCF so I guess it works better then I thought it might. He said I had
> some AC on the signal. I was running the tube on AC heater power
> because my battery powered PSU has cathode and heaters preconnected
> which prevents me from keying. Tomorrow I may simply rework that PSU
> so it can be keyed in the PSU and that will work on any of my 29 rigs.
> Was is really spooky is the lack of chirp. Anyway I appreciate Eric
> being there and coming back to me. I am home now and am going back on
> at 9PM anyway. Let me know when your free tomorrow if that works out
> and we can try one between us.
> Paul I hope your power is back on. Larry was having house issues as
> well. I hope that is in hand.
> donVe3LYX
>
>

12323. Re: [AWA Group] Re: UV199 TX Project...199/30

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-11 02:54:52 UTC
From: dulmagedon@...
Topic: 12289 Message: 12323

Tnx Eric. I guess I am surprised it has so little chirp. I knew the design was a bit different but didn't expect the results I am getting. Yes. Conditions were a bit ruf although I could copy Paul quite well. I am shocked he could hear me. 420Mi+ ATCF. The rig doesn't seem that powerful and conditions were not wonderful tonite.
And Paul, Thank you for the QSO. I hope your power stays on. We are getting wacked right now with high winds and snow. Many cancellations of evening events in town. Hopefully for all of us morning will be better. Thanks both of you for taking the time to help test this little rig. I appreciate it.
73
and GN DonVe3LYX

12324. Re: [AWA Group] Re: UV199 TX Project...199/30

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-11 13:55:14 UTC
From: Larry Szendrei
Topic: 12289 Message: 12324

On 1/10/16 8:23 PM, dulmagedon@... [AWAGroup] wrote:
>
> Larry was having house issues as well. I hope that is in hand.
>
Yep - some water in the cellar, which happens whenever we get a large amount of rain in a relatively short period. It's a cellar, not a basement (and therefore totally "unfinished"), and I've got most everything elevated from the floor surface. I had to set up the portable floor pump and run it for several hours. Nothing left now but a puddle or two in the low spots. It's kind of a pain, but not much of an issue.

I couldn't quite hear you on the PM-AM net yesterday - too much noise here with cratic stashes, etc. Also had a problem with Bill W2DGB, although I was getting more from him.

73,
-Larry/NE1S

12325. Re: [AWA Group] Coax Feed for '20s/'30s Xmtrs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-11 14:01:46 UTC
From: Larry Szendrei
Topic: 12309 Message: 12325

On my PPTNT I feed the nominal 50-ohm system as follows:

160M: 1.5 turns from CT/B+ feedpoint
80M: 1 turn from CT/B+ feedpoint
40M: 1/2 turn from CT/B+ feedpoint

These were empirically determined to be the best compromise between best note and RF output.

I run a resonated link output on the Hartley, and the link is 4 turns on 80M, where it's been parked for years. I suspect more turns on the link may be better, but there's no more room on the shelf where it resides to add more.
73,
-Larry/NE1S

12326. RE: [AWA Group] Transformer question -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-11 14:38:04 UTC
From: Mike Feher
Topic: 12294 Message: 12326

Well, based on the inputs here, I purchased a 3 KVA transformer on eBay. I realize the inrush, magnetizing current, will be greater with this one, but, I will also have more overhead.

This is the one I bought:

http://www.ebay.com/itm/291062672952
<http://www.ebay.com/itm/291062672952?_trksid=p2055119.m1438.l2649&ssPageNam
e=STRK%3AMEBIDX%3AIT>

The seller accepted a $55 offer, so it is not too bad. It weighs 75 pounds, which is a lot, but does not seem that much for 3 KVA. Must be due to the new materials they use for the core these days. Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

·–’–––

12327. Re: [AWA Group] Coax Feed for '20s/'30s Xmtrs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-11 15:02:28 UTC
From: Niel - W0VLZ
Topic: 12309 Message: 12327

Any thoughts on which end of the coil to couple the antenna to? See https://www.prismnet.com/~nielw/tnt/tnt.htm . This Nov 1930 QST George Grammer design has the antenna coupled to the RF hot/plate ends of the coil, not the center/B+ feedpoint.

The classic Hull Ross Hartley (http://w0vlz.blogspot.com/2009/09/1928-hartley.html) also has the antenna coil on the plate end of the tank coil.

I believe, though, that somewhere I saw a regen receiver recommendation to couple to the ground end of the tuned circuit/coil in order to minimize capacitive coupling to the antenna.

Does one end or the other make the transmitter more or less sensitive to the antenna sway?

Comments/experience?

73,
Niel - W0VLZ

Larry Szendrei ne1s@... [AWAGroup] wrote:
> On my PPTNT I feed the nominal 50-ohm system as follows:
>
> 160M: 1.5 turns from CT/B+ feedpoint
> 80M: 1 turn from CT/B+ feedpoint
> 40M: 1/2 turn from CT/B+ feedpoint

12328. Re: [AWA Group] Coax Feed for '20s/'30s Xmtrs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-11 15:11:43 UTC
From: Larry Szendrei
Topic: 12309 Message: 12328

For link coupling, it is considered best engineering practice to couple to the RF-cold side of the tank coil, because, as you've said, it minimizes capacitive coupling, which can pass harmonics to the antenna.

As far as feeding directly from the tank coil goes, it depends on the impedance the antenna system presents at the transmitter: for low impedance systems, the best match will be close to the RF-cold end of the tank, and higher impedance systems will want to be fed closer to the plate end.

73,
-Larry/NE1S

On 1/11/16 10:02 AM, Niel - W0VLZ w0vlz@... [AWAGroup] wrote:
>
> Any thoughts on which end of the coil to couple the antenna to? See
> https://www.prismnet.com/~nielw/tnt/tnt.htm . This Nov 1930 QST George
> Grammer design has the antenna coupled to the RF hot/plate ends of the
> coil, not the center/B+ feedpoint.
>
> The classic Hull Ross Hartley (
> http://w0vlz.blogspot.com/2009/09/1928-hartley.html) also has the
> antenna coil on the plate end of the tank coil.
>
> I believe, though, that somewhere I saw a regen receiver recommendation
> to couple to the ground end of the tuned circuit/coil in order to
> minimize capacitive coupling to the antenna.
>
> Does one end or the other make the transmitter more or less sensitive to
> the antenna sway?
>
> Comments/experience?
>
> 73,
> Niel - W0VLZ
>
> Larry Szendrei ne1s@... [AWAGroup] wrote:
> > On my PPTNT I feed the nominal 50-ohm system as follows:
> >
> > 160M: 1.5 turns from CT/B+ feedpoint
> > 80M: 1 turn from CT/B+ feedpoint
> > 40M: 1/2 turn from CT/B+ feedpoint
>
>

12329. Re: [AWA Group] Coax Feed for '20s/'30s Xmtrs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-11 16:14:19 UTC
From: Niel - W0VLZ
Topic: 12309 Message: 12329

Larry,

For feeding directly from the B+ hot tank coil to a 50 ohm / current fed antenna what size/type of blocking cap is used/recommended?

Niel - W0VLZ

Larry Szendrei ne1s@... [AWAGroup] wrote:
>
> For link coupling, it is considered best engineering practice to
> couple to the RF-cold side of the tank coil, because, as you've said,
> it minimizes capacitive coupling, which can pass harmonics to the antenna.
>
> As far as feeding directly from the tank coil goes, it depends on the
> impedance the antenna system presents at the transmitter: for low
> impedance systems, the best match will be close to the RF-cold end of
> the tank, and higher impedance systems will want to be fed closer to
> the plate end.
>
> 73,
> -Larry/NE1S
>
> On 1/11/16 10:02 AM, Niel - W0VLZ w0vlz@... [AWAGroup] wrote:
>>
>> Any thoughts on which end of the coil to couple the antenna to? See
>> https://www.prismnet.com/~nielw/tnt/tnt.htm . This Nov 1930 QST George
>> Grammer design has the antenna coupled to the RF hot/plate ends of the
>> coil, not the center/B+ feedpoint.
>>
>> The classic Hull Ross Hartley (
>> http://w0vlz.blogspot.com/2009/09/1928-hartley.html) also has the
>> antenna coil on the plate end of the tank coil.
>>
>> I believe, though, that somewhere I saw a regen receiver recommendation
>> to couple to the ground end of the tuned circuit/coil in order to
>> minimize capacitive coupling to the antenna.
>>
>> Does one end or the other make the transmitter more or less sensitive to
>> the antenna sway?
>>
>> Comments/experience?
>>
>> 73,
>> Niel - W0VLZ
>>
>> Larry Szendrei ne1s@... [AWAGroup] wrote:

>> > On my PPTNT I feed the nominal 50-ohm system as follows:
>> >
>> > 160M: 1.5 turns from CT/B+ feedpoint
>> > 80M: 1 turn from CT/B+ feedpoint
>> > 40M: 1/2 turn from CT/B+ feedpoint
>>
>
>

12330. Re: [AWA Group] Re: UV199 TX Project...199/30

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-11 17:18:12 UTC
From: dulmagedon@...
Topic: 12289 Message: 12330

Well I am glad you had no big trouble with it. re AWA net , I could hear you not bad , Tim just barely, but readable. JIX was tough as was one other (maybe the fellow between us on the list.) I was trimming the wick down where you and Tim were as well so knew you would be in. Today after a long search and a long wait I got an original PSU for my MkII No 19. It looks pretty decent considering its 73 years old. I have the power cables and a 12 volt back up system in the shack so I will be fine in no power situations. I never expected to find a working one. Price was fair and Greyhound did the shipping. I will check it over before hooking it up. I see one minor thing that needs attention already.
Lou,
3539kc at 4 pm? Will that work for you?
donVe3LYX

12331. Re: [AWA Group] Coax Feed for '20s/'30s Xmtrs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-11 17:23:13 UTC
From: Larry Szendrei
Topic: 12309 Message: 12331

For feeding a low-Z like 50 ohms, of course you want a low reactance at the lowest frequency of operation. I used a .02uF 2500V mica on my TNT, since I use it (occasionally) on 160M. At 1.8 MHz that's 4.4 ohms, which is an order of magnitude below 50 ohms, and that makes me feel warm and fuzzy :-)

As far as voltage rating goes, I'd use a minimum of 2X the DC plate voltage and higher if possible.

73,
-Larry/NE1S

On 1/11/16 11:14 AM, Niel - W0VLZ w0vlz@... [AWAGroup] wrote:
>
> Larry,
>
> For feeding directly from the B+ hot tank coil to a 50 ohm / current fed
> antenna what size/type of blocking cap is used/recommended?
>
> Niel - W0VLZ
>
> Larry Szendrei ne1s@... [AWAGroup] wrote:
> >
> > For link coupling, it is considered best engineering practice to
> > couple to the RF-cold side of the tank coil, because, as you've said,
> > it minimizes capacitive coupling, which can pass harmonics to the
> antenna.
> >
> > As far as feeding directly from the tank coil goes, it depends on the
> > impedance the antenna system presents at the transmitter: for low
> > impedance systems, the best match will be close to the RF-cold end of
> > the tank, and higher impedance systems will want to be fed closer to
> > the plate end.
> >
> > 73,
> > -Larry/NE1S
> >
> > On 1/11/16 10:02 AM, Niel - W0VLZ w0vlz@... [AWAGroup]
> wrote:
> >>
> >> Any thoughts on which end of the coil to couple the antenna to? See
> >> https://www.prismnet.com/~nielw/tnt/tnt.htm . This Nov 1930 QST George
> >> Grammer design has the antenna coupled to the RF hot/plate ends of the
> >> coil, not the center/B+ feedpoint.
> >>
> >> The classic Hull Ross Hartley (

> >> http://w0vlz.blogspot.com/2009/09/1928-hartley.html) also has the
> >> antenna coil on the plate end of the tank coil.
> >>
> >> I believe, though, that somewhere I saw a regen receiver recommendation
> >> to couple to the ground end of the tuned circuit/coil in order to
> >> minimize capacitive coupling to the antenna.
> >>
> >> Does one end or the other make the transmitter more or less
> sensitive to
> >> the antenna sway?
> >>
> >> Comments/experience?
> >>
> >> 73,
> >> Niel - W0VLZ
> >>
> >> Larry Szendrei ne1s@... [AWAGroup] wrote:
> >> > On my PPTNT I feed the nominal 50-ohm system as follows:
> >> >
> >> > 160M: 1.5 turns from CT/B+ feedpoint
> >> > 80M: 1 turn from CT/B+ feedpoint
> >> > 40M: 1/2 turn from CT/B+ feedpoint
> >>
> >
> >
>

12332. 3539kc at 4 pm?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-11 19:55:16 UTC
From: Louis Vermond
Topic: 12332 Message: 12332

Lou, 3539kc at 4 pm? OK. I'll be there, Don.

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https://www.avast.com/antivirus

12333. Re: [AWA Group] Coax Feed for '20s/'30s Xmtrs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-11 20:49:52 UTC
From: Ron Barlow
Topic: 12309 Message: 12333

Hi Bill et all, I use a 2 turn on 40m, and a 3 turn link on both 80m & 160m, to couple my Hartley oscillators to a ~ 50 ohm load. A 4 turn link would probably be desirable on 160m, but physical constraints prevented me from using the same set up that I used on 40m & 80m. My alternative method required that I wind the link partially over the cold end of the tank coil, resulting in tighter coupling. As a result, a 3 turn link proved to be adequate. When using an untuned link, as I am doing, the amount of coupling between the transmitter, and the load, is affected by the number of turns, on the link, and by the spacing between the tank coil, and the link. More turns equals tighter coupling, and conversely, fewer turns equals looser coupling. Less spacing between the 2 coils yields tighter coupling, and a greater spacing yields looser coupling. The power transfer will be maximum when a particular discrete amount of coupling is provided. The power transfer/output will diminish, when the coupling is either decreased or increased from the optimum amount. Thus, it is desirable to provide a means of conveniently varying the coupling. FWIW, the following statements describe my chosen method of adjusting my transmitter output coupling. The only piece of test equipment that is required, is a small pilot Iamp. First of all, I provide a dummy load that consists of, or (preferably) includes a pilot lamp or lamps.For example, a suitable load for a transmitter that is expected to deliver an RF output of ~ 1 watt could utilize a # 47 pilot lamp (rated at 6.3 volts @ 150 ma, thus its hot resistance is ~ 42 ohms). A 10 ohm, non inductive resistor is added, in series, to yield a ~ 50 ohm termination, that includes a visual indicator. Note that the lamps should be used at the ~ full brilliance level, as their resistance varies substantially with brilliance changes. The "normal" 42 ohm resistance, of a # 47, will be substantially lower, at a reduced brilliance level. Next, construct a link that consists of the # of turns that is mentioned above, while including some means of adjusting the spacing between the cold end of the tank coil, and the link. To facilitate the adjustment, I fasten the link, which is composed of #12 AWG insulated solid copper wire, to the transmitter baseboard, and I adjust the mean spacing distance by bending the leads, at the link base, to either tilt the link toward the tank coil, or away from it. Apply power to the transmitter, and adjust its frequency to approximately that which will be ultimately used.Adjust the link to tan coil spacing for max lamp glow. If the brightness peaks at a link to tank coil spacing of 1/2 inch or so, with a drop off of brilliance at greater or lesser spacing, simply park the link at the max brightness spacing, and you are "good to go". If the brightness peaks at zero spacing, add another turn to the link, and repeat the test. If, on the other hand, the output peaks at a wide spacing (say > 1.5 inch, or so), you may wish to reduce the size of the link by a turn, or a fraction of a turn, before repeating the test. Next, note the plate current, before disconnecting the dummy load. Finally, connect the antenna, and after re-checking the frequency, observe the plate current. If the VSWR on your antenna is near unity, the plate current will be unchanged from that noted, with a dummy load connected. If it has changed by < 25%, you may wish to tweak the coupling adjustment, to bring the plate current back to that level observed, with a dummy load in place (or reduce the VSWR on the antenna system). If the plate current level changes > 25%, something is awry!!

As for the use of an antenna system that has a higher Z, such as the single wire fed Windom, I suggest he use of a larger (more turns) link, which should be tuned to (parallel) resonance, with a variable cap. IMO, the use of an untuned link, of adequate

size, would introduce a undesirable amount of inductive reactance, into the system. I hope that this is useful. 73 & GL de Ron n4gjv

On Sunday, January 10, 2016 8:32 PM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

40M 2 turns out, 80M 3 turns out. More is not better. It is easy to have too much. Especially on the big coils. I check with a lamp if I am in doubt. Makes quite a difference in usable power out. I use lamp cord for my vintage stuff. It is 75ohms more or less and works well. Otherwise I run a single wire feed. and ground the other end of the link. I am sure that is all nuts o some but it works very well. I don't think coax was available in the 1920s but that is just a guess. The new rig runs no link but is true to the 1926 schematic.

12334. Linc Cundall Goals

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-12 01:32:44 UTC
From: dulmagedon@...
Topic: 12334 Message: 12334

Now that I have a few QSOs under my belt with te last 1926 QST Hartley rig I am tuning my attention to the Linc Cundall Event. I am a just for fun participant so coring is not a big deal to me. However I would like to run the Big 211 Hartley (AKA Big Bertha) for a few contacts. I don't have a 40M receiver other then my No 19s receiver so I wont have a good score to offer for RX year. Power is 44 watts input which is also not wonderful I guess but I would like to get a few with it if I can. It has a big raspy sound. It is a 40M only rig and I normally run it around 7040 or so although can tune the whole band if I want to. My intention is to run it Wed night and a bit on Thursday. The rest of the time I think I will put my No 19 in CW mode and run it for most. I may fire up the ARC5 and the BC454 . All my military rigs are 1943 production. If I get tired I may fire up the breadboard station which is also 1943 (built from the 1943 handbook.). It is rockbound on 80M with a regen receiver. I am looking forward to both days. Hope to here some of you there.
donVe3LYX

12335. Re: Linc Cundall Goals

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-12 03:32:46 UTC
From: w0vlz@...
Topic: 12334 Message: 12335

I'll be running a Push-Pull 6L6 transmitter and my version of the 1941 Beginner's Receiver on 40 and my HRO Sr/Utah Jr station on 80. Both are running in the 15-20 watt range. This year I have a vertical set up for the winter. It should do better than my endfed wire.

I've tested both of these stations over the past few days including QSOs with K2UPI (40) in NY and W1ZB (80) in ME.

awa awa awa de w0vlz w0vlz k

Niel - W0VLZ
CQ CQ CQ de W0VLZ http://w0vlz.blogspot.com/

http://w0vlz.blogspot.com/

CQ CQ CQ de W0VLZ http://w0vlz.blogspot.com/ This is a blog about my ham radio experiences including vintage homebrew, QRP operating and the National Radio company - W0VLZ

View on w0vlz.blogspot.com http://w0vlz.blogspot.com/
Preview by Yahoo

12336. Re: [AWA Group] Coax Feed for '20s/'30s Xmtrs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-12 12:27:16 UTC
From: Eric NO3M
Topic: 12309 Message: 12336

If you have access to the QST archives, there is an article on pg 29-31 of October 1959 that discusses three output networks, series resonant, parallel resonant, and untuned. Most of the article is calculation to arrive at practical circuits, but measurement methods with GDO noted.

On the 29 MOPA I am working on, after frustration with a link coupled output, I tried capacitive coupling using an old Aerovox transmit mica (0.05uF). Tap adjusted for max output into a 50 ohm resonant load, ending up a couple turns or so above the "RF grounded" part of the coil. This type of lashup is nothing more than an autotransformer. If you have a single-ended split tank (ie. RF grounded tap in the middle or thereabouts, whether using series or parallel feed), tap output to capacitor between "ground" and plate end, on double-ended (PP) tank, two capacitors and associated taps out from "ground" feeding a balanced output.

73 Eric NO3M

On 01/10/2016 05:15 PM, Bill Stewart cwopr@... [AWAGroup] wrote:
> Good afternoon all,
> I know a lot of you use coax fed antennas for many of your BK and
> 1930s xmtrs. I do for one which I use on 160m. However, I am still
> a tad perplexed and this has been bugging me for a while....just how
> many turns do you generally use for the link coil to the coax line.
> Does it make any difference? Also,when using the coil around the
> tank coil, in the case of plug in coils, or at the end of the tank coil,
> does it make any difference what imped. the antenna being fed is....ie,
> coax, end fed, sgl wire fed windom, etc. Should a certain number of
> link coil turns be used for a certain imped. antenna. Here again, does
> it make any difference. Will 'the more turns the better' (within reason)
> work here as far as power transfer to the antenna. Any clarification
> would be much appreciated. Tnx....
> 73 de Bill K4JYS
>
>
>
> --
>

12337. Re: Linc Cundall Goals

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-12 13:13:30 UTC
From: dulmagedon@...
Topic: 12334 Message: 12337

I was touring your site (always very interesting) and checked to see if you are on air. You were not but I see you have been operating 3542.7kcs for a bit this morning. I have been hitting the same reverse beacon with my 1943 6l6 breadboard. I am rock bound so have limited mobility but am running a 3542 rock and showing 3542.1 to 3542.2. Since I see from your report you can hit down here and further east I am going to see if I can work you during LC with the 1943 station. I heard you once the other day but QSB wiped you out about a minute later. However when I could hear you it was strong and clear.
I am also rather nervously interested in trying a QSO using my Vibroplex bug. I know I will mess up but if some patient soul would want to give it a shot I would be willing to embarrass myself trying.
donVe3LYX

12338. Re: [AWA Group] Coax Feed for '20s/'30s Xmtrs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-12 14:15:25 UTC
From: Larry Szendrei
Topic: 12309 Message: 12338

On 1/12/16 7:27 AM, Eric NO3M no3m@... [AWAGroup] wrote:
>
> on double-ended (PP) tank, two capacitors and associated taps out
> from "ground" feeding a balanced output.
>
You can also feed an unbalanced system from a double-ended (PP) tank coil, by simply tapping up from the center/B+ feed point on one side - yes, it will upset the balance a bit, but not as much as you might think. Usually the balance isn't perfect anyway, and you'll get better results on one side of the coil vs. the other. This is the method I use on my PP TNT to feed a 50 ohm unbalanced (coax-fed) system.

73,
-Larry/NE1S
>
>
>

12339. AWA Linc Cundall Memorial CW Contest... Tomorrow!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-12 17:21:13 UTC
From: Louis Vermond
Topic: 12339 Message: 12339

AWA Linc Cundall Memorial CW Contest
?
?Dates: Wednesday, January 13, 2016 @ 2300 GMT to Thursday, January, 14, 2016 @ 2300 GMT
And
Saturday, January 16, 2016 @ 2300 GMT to Sunday, January 17, 2016 @ 2300 GMT

Bands: 160, 80 and 40 Meters.

?
Download MS Word Log Sheet
Send logs to:

Tim Walker
19 Woodside Ave.
?Westport, CT 06880

All radio amateurs may participate and submit logs and all are eligible for an award. Non-member stations using pre-1950 gear count. All stations must submit logs to be eligible for an award and are encouraged to send a shack JPEG showing their vintage station. Electronic format such as EXCELä or (PDF, JPEG) scans via E-mail are accepted. Use the format posted on the AWA Site. Logs are due four weeks after contest. Plaques are to be awarded.

Objective: Contact the greatest number of AWA members or participating stations using pre-1950 design gear. The E-W multiplier has been dropped this year so all are on an equal footing. The 4 power levels have been retained. 20M has been dropped and the 40M frequencies have been shifted up slightly to the old novice band where slow CW is emerging again. When calling use “AWA AWA de W3GMS” for example. On contact, exchange the signal report, the year of equipment such as “TX36” for a 1936 transmitter and “RX 34” for a 1934 receiver. Send “MOD” for modern (after 1949) gear. And finally send your Input Power such as “10W”. Also send name and State or Country.

Frequencies: 1800-1820, 3550 – 3580, 7100-7125 kHz, +/- QRM Concentrate 160 meter contacts on the hour.
Equipment Multipliers MOD TX and RX 1
OT TX or RX 2
OT TX and RX 3

Power Multiplier 0 – 10 Watts Input 4
10 - 75 Watts Input 3
75 – 150 Watts Input 2
150 + Watts Input 1

N2BE contacts WT2W
N2BE Stn. Jones P-P at 6 Watts, Heath HB-10 (One OT), 1 MOD for 2 points
Power Multiplier for 6 Watts is 4
2X4 = 8 points

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https://www.avast.com/antivirus

12340. Re: AWA Linc Cundall Memorial CW Contest... Tomorrow!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-12 20:53:15 UTC
From: dulmagedon@...
Topic: 12339 Message: 12340

I am having trouble trying to download the log sheets. I couldn't do the BK ones either so made some up by hand and sent them in.
When I download these it defaults to Wordpad. When I look it is unreadable jiberich. So I tried downloading with Internet explorer and I keep goin round in circles (that would make a great song!) Where is a simple Jpeg when you need it. Can anyone help me figure this out.
I am NOT computer savy even though I still have my Vic 20.
I am on an aspire notebook using Windows 8.
donVe3LYX

12341. Re: [AWA Group] Re: AWA Linc Cundall Memorial CW Contest... Tomorrow!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-12 21:18:34 UTC
From: Steve
Topic: 12339 Message: 12341

Don - if you can view the log page full screen, just hit your "Prt Scr" button (usually along the top row of keys) and then open your MS Paint program and click "paste". You can then print out the file directly from Paint or use paint to crop out and eliminate what you don't want by cropping just the logsheet only.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

12342. AWA Linc Cundall Memorial CW Contest... LOG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-12 21:29:44 UTC
From: Louis Vermond
Topic: 12342 Message: 12342
Attachments: 1 described; binary payloads are missing from this source WARC

Two bits please, Don...

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12343. Re: [AWA Group] Coax Feed for '20s/'30s Xmtrs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-12 22:08:37 UTC
From: Roger Kuchera
Topic: 12309 Message: 12343

GE Gentlemen, I received a good tip from W0VLZ and VE3AWA some time ago re: working a vintage rig into coax.I use the following link turns on the cold end of the tank coil: 80 Meters - 4 turns 40 Meters - 3 turns 20 Meters - 2 turns
There are two short lengths of very flexible 0 (zero) wire from the link to a 500 uuF, Lombardi, 2 speedvariable capacitor. One ground, one hot lead. The link forms a series circuit with this cap. Attached tothe above lash-up is my HB Collins coupler (aka-Pi network). I have found on 40 and 80 that the Pinetwork acts as a fine tuning arrangement. The link plus 500 uuF cap seems to do a bang up job ofmatching my 830B triode to RG-8. I hope soon to try it with my new 860 PA stage. I haven't tried it yetbut I believe I could bypass the Pi network.
All credit for this must go to Niels and Lou!
Roger/K1TG

On Tuesday, January 12, 2016 9:15 AM, "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv8776705682 #yiv8776705682 -- #yiv8776705682 .yiv8776705682ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv8776705682 div.yiv8776705682ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv8776705682 div.yiv8776705682photo-title a, #yiv8776705682 div.yiv8776705682photo-title a:active, #yiv8776705682 div.yiv8776705682photo-title a:hover, #yiv8776705682 div.yiv8776705682photo-title a:visited {text-decoration:none;}#yiv8776705682 div.yiv8776705682attach-table div.yiv8776705682attach-row {clear:both;}#yiv8776705682 div.yiv8776705682attach-table div.yiv8776705682attach-row div {float:left;}#yiv8776705682 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv8776705682 div.yiv8776705682ygrp-file {width:30px;}#yiv8776705682 div.yiv8776705682attach-table div.yiv8776705682attach-row div div a {text-decoration:none;}#yiv8776705682 div.yiv8776705682attach-table div.yiv8776705682attach-row div div span {font-weight:normal;}#yiv8776705682 div.yiv8776705682ygrp-file-title {font-weight:bold;}#yiv8776705682 #yiv8776705682

On 1/12/16 7:27 AM, Eric NO3M no3m@... [AWAGroup] wrote:

on double-ended (PP) tank, two capacitors and associated taps out from "ground" feeding a balanced output.

You can also feed an unbalanced system from a double-ended (PP) tank coil, by simply tapping up from the center/B+ feed point on one side - yes, it will upset the balance a bit, but not as much as you might think. Usually the balance isn't perfect anyway, and you'll get better results on one side of the coil vs. the other. This is the method I use on my PP TNT to feed a 50 ohm unbalanced (coax-fed) system.

73,
-Larry/NE1S

12344. Re: AWA Linc Cundall Memorial CW Contest... Tomorrow!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-12 22:21:20 UTC
From: w0vlz@...
Topic: 12339 Message: 12344

Just in case I run out of QSOs (or crystals) I quizzed Tim a few weeks ago about the stated frequencies for the LC. He replied that these are recommendations to avoid QRM and in order to find each other. He did not indicate that these frequencies were firm requirements for countable QSOs. He seemed OK with starting in 7100-7125 but, if need be, shifting down to 7030-7040.

From Tim's response I concluded that you can make countable CW QSOs in other parts of the 160, 80 and 40 meter bands as long as all of the required information is logged.

(Tim, correct me if I'm wrong)

12345. Re: [AWA Group] MOPA thoughts

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-12 23:52:54 UTC
From: Eric NO3M
Topic: 12211 Message: 12345

Throwing out some CQs around 1809 kc / 0000z with 29 MOPA. Rpts appreciated, esp chirps, burps, clicks, etc.

73 Eric NO3M

12346. Re: [AWA Group] MOPA thoughts

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-13 00:20:21 UTC
From: mattgoff54@...
Topic: 12211 Message: 12346

Sounds good here in Morgantown, WV despite the local +20 noise at my qth.

Matt

12347. Re: [AWA Group] MOPA thoughts

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-13 00:24:31 UTC
From: N1BUG
Topic: 12211 Message: 12347

Thanks for the QSO Eric. I recorded some or most of that. I can edit
out a reasonable size clip to send you if you'd like to hear it.

73,
Paul N1BUG

On 01/12/2016 06:52 PM, Eric NO3M no3m@... [AWAGroup] wrote:
> Throwing out some CQs around 1809 kc / 0000z with 29 MOPA. Rpts
> appreciated, esp chirps, burps, clicks, etc.
>
> 73 Eric NO3M

12348. Re: [AWA Group] MOPA thoughts

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-13 00:50:43 UTC
From: Eric NO3M
Topic: 12211 Message: 12348

Matt, thanks for the report from WV.

Paul, yes, your recording would be appreciated and thanks for the QSO!

Paul noted some drifting during transmission. I am not sure of the source yet, but is either the tube or the transmit tub mica in parallel with the tuning cap. I changed the oscillator inductance from 16uH down to about 7.2 uH, which mitigated most of the hand capacitance problems I had before, making tuning to a specific freq. difficult. Parallel cap was changed from 400pF to 1000pF (both TX micas), but I noticed the drift with the original 400pF also. Of course, higher C/L increases tank current and larger fixed C will be shunting more of it too. More experimentation, but seems the rig is working acceptably.

73 Eric NO3M

On 01/12/2016 07:24 PM, N1BUG paul@... [AWAGroup] wrote:
>
> Thanks for the QSO Eric. I recorded some or most of that. I can edit
> out a reasonable size clip to send you if you'd like to hear it.
>
> 73,
> Paul N1BUG
>
> On 01/12/2016 06:52 PM, Eric NO3M no3m@... [AWAGroup] wrote:
> > Throwing out some CQs around 1809 kc / 0000z with 29 MOPA. Rpts
> > appreciated, esp chirps, burps, clicks, etc.
> >
> > 73 Eric NO3M
>
>

12349. Re: AWA Linc Cundall Memorial CW Contest... LOG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-13 02:40:17 UTC
From: dulmagedon@...
Topic: 12342 Message: 12349

I am still beat. I can download but I cant open it or when I can I cant read it. What is it in? I don't understand this fancy stuff. I wanna a JPEG!!!!!
I ll be OK but I am having no luck whatsoever. I am going to put it out of my mind for now before I blow a gasket.
donVe3LYX

12350. Re: [AWA Group] MOPA thoughts

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-13 02:56:54 UTC
From: Louis Vermond
Topic: 12211 Message: 12350

Thanks for the QSO Eric. I recorded some or most of that. I can edit
out a reasonable size clip to send you if you'd like to hear it. I would! Lou

73,
Paul N1BUG

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12351. Re: [AWA Group] Re: AWA Linc Cundall Memorial CW Contest... LOG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-13 12:56:38 UTC
From: Bill Stewart
Topic: 12342 Message: 12351
Attachments: 1 described; binary payloads are missing from this source WARC

GM Don...try this...Bill K4JYS

----- Original Message -----

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, January 12, 2016 9:40:17 PM
Subject: [AWA Group] Re: AWA Linc Cundall Memorial CW Contest... LOG

I am still beat. I can download but I cant open it or when I can I cant read it. What is it in? I don't understand this fancy stuff. I wanna a JPEG!!!!!
I ll be OK but I am having no luck whatsoever. I am going to put it out of my mind for now before I blow a gasket.
donVe3LYX

12352. Re: [AWA Group] Re: AWA Linc Cundall Memorial CW Contest... LOG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-13 13:38:01 UTC
From: dulmagedon@...
Topic: 12342 Message: 12352

Thank you both, Steve and Bill. The PDF files work fine. Steve's didn't show up on my computer till just now for some reason. I am good to go. Had Big Bertha (211 Hartley) running yesterday. I almost always get an answer with it and yesterday was no different.I had to quit the QSO because of strong QRM right on freq however the other end of my QSO said he could still copy. I enjoy running it. I have also been running the bug on my 1943 breadboard and wired it in parallel to my wooden key so if I get gefuddled I can switch instantly. Yesterday I said I didnt have a good 40M old RX. I lied! I have a homebrew regen using 1931 tubes and parts that works wonderfully so it is all set up ready to go when I fire up Bertha.
Jim Ve3DCX brought me a bunch of old QSTs including many 1929 ones and I have been reading through. One article in particular took my eye. Poor man mopa. It is not about a mopa at all but about getting crystal type stability out of self controlled oscillators. Much of it relates to how my last rig is done but he went much further in the article. It is very wordy (I write mag articles,(for CPApub. in the US) tech mostly, so I am always aware that to many words lose the intended audience) however it is also very informative and backed up by actual lab trials. It bears second look I think. The new rig here has no perceptible chirp and is not huge power but still seems quite effective even in less then ideal conditions so I was intrigued by his findings in the article. Meanwhile I am tempted to build a PA for the new rig and run it as a mopa. I wonder of it could drive a 211. I could call it David and Goliath.
donVe3LYX

12353. Re: [AWA Group] Re: AWA Linc Cundall Memorial CW Contest... LOG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-13 14:25:23 UTC
From: Larry Szendrei
Topic: 12342 Message: 12353

On 1/13/16 8:38 AM, dulmagedon@... [AWAGroup] wrote:
>
> Meanwhile I am tempted to build a PA for the new rig and run it as a
> mopa. I wonder of it could drive a 211.
>
Probably only in Class A, and you won't get as much out of the 211 as
you would if you had enough drive to run it in class B or class C.

73,
-Larry/NE1S

12354. Re: [AWA Group] Re: AWA Linc Cundall Memorial CW Contest... LOG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-13 15:26:17 UTC
From: Don Dulmage
Topic: 12342 Message: 12354

What would be enuf to drive it say class C for instance? I have one more 211 socket and it is just begging to be used!
donVe3LYX
I suppose a pair of PP 45s would be more reasonable or even a single 45.
All set for the LC . Everything tested and ready to go. I may get a chance right at the start but more then likely will have to wait till 9pm, my time, to get serious but tomorrow should be fun till closing. XYL just reminded me I am booked for playing fiddle Sat night. I didn't plan that well!
donVe3LYX

On Wed, 1/13/16, Larry Szendrei ne1s@securespeed.us [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Re: AWA Linc Cundall Memorial CW Contest... LOG
To: AWAGroup@yahoogroups.com
Received: Wednesday, January 13, 2016, 9:25 AM

On 1/13/16
8:38 AM, dulmagedon@...
[AWAGroup] wrote:

Meanwhile I am tempted to build a PA for the
new rig and
run it as a mopa. I wonder of it could drive a
211.

Probably only in Class A, and you won't get as much
out of the 211
as you would if you had enough drive to run it in class
B or class
C.

73,

-Larry/NE1S

12355. LC Tonight?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-14 02:50:49 UTC
From: w0vlz@...
Topic: 12355 Message: 12355

Is anyone operating the LC tonight? I've been on 40 and 80. The RBN http://www.reversebeacon.net/dxsd1/dxsd1.php?f=0&c=w0vlz&t=dx says I'm doing fine and I have worked both KS and NY but no successful LC contacts.

Niel - W0VLZ

12356. Re: LC Tonight?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-14 03:39:09 UTC
From: dulmagedon@...
Topic: 12355 Message: 12356

I have been banging away since 9 oclock. Just bagged my first one now. I was on 40 then switched to 80M since I was getting nowhere on 40M (around 7101 to 7104) So I fired up the ARC5 on 80M. Hada reply coming but then he got smothered completely by a new player and I switched to the No 19 transceiver. Finally John N2BE and I did a successful contact and the required exchange with no repeats required. I am turning in now. Will be back at it in the morning probably around 9.30 or 10 AM. Going to try 40M again then around 7100 to 7110. donVE3LYX

12357. Re: [AWA Group] Re: LC Tonight?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-14 05:38:06 UTC
From: Ron Barlow
Topic: 12355 Message: 12357

Hi Niel, There is indeed some activity, but most stations, that I have heard, do not seem to be lingering long. I was QRV for a couple of short sessions & logged N2BE, NE1S, KB0ROB, & AA9DH. Got-aways include K4LJH, VE3AWA, VE3LYX, WB9HWG, and others. I do not expect to be QRV tomorrow, but I hope to CU on Sunday.
73 de Ron n4gjv

On Wednesday, January 13, 2016 10:39 PM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  I have been banging away since 9 oclock. Just bagged my first one now. I was on 40 then switched to 80M since I was getting nowhere on 40M (around 7101 to 7104) So I fired up the ARC5 on 80M. Hada reply coming but then he got smothered completely by a new player and I switched to the No 19 transceiver. Finally John N2BE and I did a successful contact and the required exchange with no repeats required. I am turning in now. Will be back at it in the morning probably around 9.30 or 10 AM. Going to try 40M again then around 7100 to 7110.
donVE3LYX

12358. Re: [AWA Group] Re: LC Tonight?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-14 12:12:20 UTC
From: dulmagedon@...
Topic: 12355 Message: 12358

Sorry Ron, Conditions were not great signal wise.here. I was going to be away this morning BUT with 7 inches of fresh snow overnite our morning plans have changed so I am going to play radio at least to mid day. After breakfast I plan to go on 80M with the breadboard station . It is rockbound so I will start on 3563-64 and if that is a wash, move to 3541-42. When 40m opens up usually 9:30 to 10;00 I will turn on the 211 hartley and the 56/58 regen on 7100 to 7110 and give it a shot. I wonder was I on the ARC5 when I got away. probably3550 to 3580 somewhere. (My military 1940s radios are only calibrated in 10ths) My No 19 set which I used with Johns QSO has a very distinct squack. Since it is an histotric radio I am not going to change that. The Arc5s have a chirp as well but it is different. Neil I would like to see if we cant hook up during the LC. We hang around the sam parts of the bands and I check RBN to see what you are up to and where.
donVE3LYX

12359. Re: Coax Feed for '20s/'30s Xmtrs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-14 13:18:41 UTC
From: Bill Stewart
Topic: 12309 Message: 12359

Thanks to all for the great suggestions, explanations, etc.
I have had pretty good luck with using a sgl wire fed Hertz
(Windom) for years, but wanted to give a coax fed antenna
a try. Also, with a recently built 2A5 pentode osc (1933 RADIO
mag), I am having trouble getting decent output (abt 2w with
18w input) and wanted to be sure I had the proper matching
between the tank coil and antenna with coax feed. I will
try some of the suggestions and see what happens.
73 de Bill K4JYS

12360. Where are we?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-14 14:29:42 UTC
From: dulmagedon@...
Topic: 12360 Message: 12360

I am taking a coffee break right now but will be back at it by 9am. I currently have a 3542rock in the hole and a 3563 nearby if I need it.
Will run that set up till 9:30 then need another coffee.
donVE3LYX
Interesting comments Bill. I went through similar experience with my 47 self controlled osc. Finally got it working but tisn't my favourite rig. I have decided, now brace yourself lads, in my shack, Triodes are for oscillators , pentodes are for amplifiers. Although rockbound pentodes or beam power tubes seem ok. My boat and I am captain. I put a tuned circuit in the output as well as the one in the grid screen circuit. It seemed to help quite a bit but isnt a great rig. Certainly not as wonderful as the article I had on it (ECO) suggested. Not well suited to hi output use.
anyway back to the grind

12361. Re: [AWA Group] Re: AWA Linc Cundall Memorial CW Contest... LOG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-14 15:15:19 UTC
From: Larry Szendrei
Topic: 12342 Message: 12361

On 1/13/16 10:26 AM, Don Dulmage dulmagedon@... [AWAGroup] wrote:
>
> What would be enuf to drive it say class C for instance? I have one
> more 211 socket and it is just begging to be used!
>
The specs say 7.0W for class C telegraphy, but from my experience you want to be able to develop double that in order to compensate circuit losses, especially as you go up in frequency.
>
> I suppose a pair of PP 45s would be more reasonable or even a single 45.
>
A pair of '45s should do it, or a single '10 operated at its rated plate voltage. Some of the old-timers would use the same type triode for the oscillator as the amp, at reduced input, for greater stability than pushing a smaller tube to its limits.

73,
-Larry/NE1S
...with 8 QSOs logged so far in the LC

12362. LC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-14 16:38:23 UTC
From: Roger Kuchera
Topic: 12362 Message: 12362

Gentlemen, I've been reading the emails re: LC activity (or the lack thereof). Sadly, I must report that I'llprobably not be QRV this year. My TX is being modified for a new PA stage. If I get energeticI might try my UTAH Jr
  Good luck to all hands.
Roger/K1TG

12363. Re: [AWA Group] LC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-14 16:50:05 UTC
From: Larry Szendrei
Topic: 12362 Message: 12363

On 1/14/16 11:38 AM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:
> Gentlemen,
> I've been reading the emails re: LC activity (or the lack thereof).
> Sadly, I must report that I'll
> probably not be QRV this year. My TX is being modified for a new PA
> stage. If I get energetic
> I might try my UTAH Jr
>
> Good luck to all hands.
>
> Roger/K1TG
>
> ---
>

Roger,

I was wondering where you were and hoping I'd run into you. I'm putting more time into the LC this time than I have in the past.

Yes put on the Utah Jr. K1TMJ was running one of those when I worked him this morning on 80M.

Since you'll be rock-bound, on which frequencies should we look for you?

73,
-Larry/NE1S

12364. Re: [AWA Group] LC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-14 18:16:09 UTC
From: dulmagedon@...
Topic: 12362 Message: 12364
Attachments: 1 described; binary payloads are missing from this source WARC

I just got back home after a quick run to town and lunch. Will be back on 40m same area in the next ten minutes. Hopefully signals will come up a bit. I had to listen pretty hard this morning. I will be running Big Bertha and the 56/58 regen (which incidently can hear things my DX390 can only just detect as present. I can copy stuff on it that would be (and in fact were) in the noise on the DX390 and it is on AC power. If I had battrified it I would be laughing. Good RX!
Big Bertha helps keep the shack warm. I love running the thing. Roger go for it. I ran my old classic 1940s stuff last night for a bit. Now if Mike would pop on one of those TBX8s we could see how they sound. Good looking radios I think.
donVE3LYX

12365. Re: [AWA Group] LC [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-14 19:57:35 UTC
From: K3PID
Topic: 12362 Message: 12365

Don, Is there a reason that you added the “_” in the filename extension? Just curious!

Ron K3PID

12366. Re: [AWA Group] LC [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-14 21:10:23 UTC
From: dulmagedon@...
Topic: 12362 Message: 12366

I did what? Where? I have no idea what you are talking about. I went back through my last three. I don't see anything? Where?
donVe3LYX

12367. FYI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-15 13:58:09 UTC
From: Louis Vermond
Topic: 3020 Message: 12367

http://www.k1zm.com/w1bb

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12368. RE: [AWA Group] FYI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-15 15:46:41 UTC
From: Mike Feher
Topic: 3020 Message: 12368

Yep, W1BB is a legend for 160 meters. BTW, I have one of those nice magnetic detectors in mint condition. Bought it from a guy in Australia. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, January 15, 2016 8:58 AM
To: AWAGroup
Subject: [AWA Group] FYI

http://www.k1zm.com/ <http://www.k1zm.com/w1bb> w1bb

<https://www.avast.com/antivirus> Avast logo

This email has been checked for viruses by Avast antivirus software.
www.avast.com <https://www.avast.com/antivirus>

12369. Eddy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-16 04:07:11 UTC
From: Louis Vermond
Topic: 7969 Message: 12369

Anyone in contact with Eddy, VE3CUI?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12370. Tonite LC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-16 22:18:36 UTC
From: dulmagedon@...
Topic: 12370 Message: 12370

I will be out at the start but should be home by 9PM my time or there abouts.
Will be going on then. If there is a gathering spot let me know, PSE. I will check here before I fire up. 40M or 80M
donVE3LYX
That is a concern Lou. It has been awhile since we heard anything of Eddy.

12371. Re: Tonite LC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-17 03:48:44 UTC
From: dulmagedon@...
Topic: 12370 Message: 12371

I bagged a AA9 so i am going to bed. Used the No 19 WS. C U All in the morning. (on 80M?)
donVE3LYX

12372. Re: Tonite LC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-17 12:54:10 UTC
From: dulmagedon@...
Topic: 12370 Message: 12372

Bagged an NH with the 1943 ARRL Handbook breadboard rigs TX and RX. That was fun! Just had breakfast and am going to hook up the ARC5 80M. That is a noisy rig but the Rx Bc454 is not bad although a bit to the deaf side. Should have it going by 8AM , probably around 3565kcs. I will probably stay working till about 9am. If 80M craps out will fire up Bertha again on 40M although 80m is usually Ok till 930 or so. I know a lot of you are using you BK rigs and may wonder why I am not. These old rigs which don't work for BK don't get much chance to party(too much power input or too new) so I am taking them all for at least once dance during this event.
donVe3LYX

12373. Re: [AWA Group] Re: Tonite LC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-17 15:51:14 UTC
From: Louis Vermond
Topic: 12370 Message: 12373

I know a lot of you are using you BK rigs and may wonder why I am not. No sweat, Don. This one is primarily about post '29.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12374. Re: [AWA Group] Re: Tonite LC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-17 23:14:21 UTC
From: dulmagedon@...
Topic: 12370 Message: 12374

Landed "The Big One" just before the end. VE3AWA hisself. Thanks to all who worked me. The last hour I had the ARC 5 station running. I have never used it much and never had any CW contact on it before, only AM, so Larry and Lou thanks for breaking it in. Tis a T20 TX I moved to 80M and a BC454 RX both made 11 month of 43. (So was the XYL, but ssssssssh) If you worked me on 40M today that was the 211 Hartley and the 1931 era tube regen.
This is a lot of fun! I would like to know what others were using. I know the year but the details I would find interesting.
donVe3LYX

12375. Cundall CL

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-17 23:14:55 UTC
From: Louis Vermond
Topic: 12375 Message: 12375

80... At 5:45 there was Don on "my frequancy" calling. His 576. At 5:55 NE1S came bk to my AWA. His 579. Tks guys. FB way to end it.

73, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12376. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-18 00:19:09 UTC
From: Louis Vermond
Topic: 130 Message: 12376

http://www.ebay.com/itm/1935-Original-Thordarson-344-B-Transmitter-Guide-/361461387490?hash=item5428c710e2:g:2LAAAOSwrklVQX7d

---
This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12377. Re: [AWA Group] Re: Tonite LC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-18 01:52:30 UTC
From: Larry Szendrei
Topic: 12370 Message: 12377

On 1/17/16 6:14 PM, dulmagedon@... [AWAGroup] wrote:
>
> Landed "The Big One" just before the end. VE3AWA hisself.
>
Me, too (on 80M) - just before the door closed ;-) Lou and I QSO'd on 40M earlier in the week.

> This is a lot of fun! I would like to know what others were using. I
> know the year but the details I would find interesting.
>
My TX was a Collins 310B (1947) for all QSOs, 80M and 40M.

Up until the last hour and a half my RX was the RAL shipboard regen (1936). Then the power supply for the RAL died (probably nothing too serious - the primary circuit opened up - I suspect the power switch.) So I warmed up the HRO-7 (1947) and finished up with it.

It was good to work you on both 80 & 40M this afternoon, Don.

73,
-Larry/NE1S

12378. Re: [AWA Group] Re: Tonite LC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-18 04:31:55 UTC
From: dulmagedon@...
Topic: 12370 Message: 12378

Thanks, Your Collins has a neat sound. Easy to follow. Sounded real good on the regen and the BC454. Lou's TNT sounded real good. Impressive to say the least. We gotta get that lad a regen! Never had my ARC5 on CW before this event. I am sure it isn't their best mode but it sure was fun to running a pair (rx/tx)of ARC5 style vintage stuff. Does your Collins have MCW?
I started out midweek on the No 19 set and that was fun although its rx is so wide you could drive a truck thru. Not a good rig for CW in a crowded freq but we survived. I also used the Breadboard earlier but today it was doing a great job and I logged one almost immediately this morning. Running the 211 Hartley though is a blast for me. Only a handful of old parts and that big tube glowing. I love it. I should have put my handmade key on it as it is more responsive then the one I used. Never leaves your hand no matter what. I had it wired to the breadboard rig (hard wired , no plug in) along with the 1923 Vibo bug. I used the bug a bit midweek and yesterday but never got a contact with it. I had the wooden key parallel wired to it so if I got confused I could switch in a second. Oh yeah Larry when I worked you today on 40M I had just thrown the switch on the PSU and heard you so I was working from a cold start up which isn't really good but we survived. It had been on about 30 or 40 seconds when I started the reply.
Earlier this morning I worked WU2D Mike with the crystal controlled breadboard 80m rig. I had breakfast then and went down and switched on the 211 and the 40m regen and called. There he was. Right on 40M and I had just signed with him on 80M about 25 minutes before. And then there were you this afternoon. Almost the same. Good weekend! Thanks all. There is nothing like fun for a good time!
donVE3LYX

12379. Collins 4A Transmitter Schematic

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-19 13:39:34 UTC
From: dulmagedon@...
Topic: 12379 Message: 12379

I know I will probably never find one (but if you have one and want to part with it say so PSE) so I have decided my next project will be a Collins 4A transmitter clone. I happen to have the tubes, all but one in stock and have already built a 47 tubed oscillator so am familiar with that. Since its a rack mount I can buy the panel and the chassis (16x10x2?) from Hammond as well as the transformers. The Sangamo caps I don't have but think I could find them. The rest I think is available. Does anyone have a schematic or know where I could get one? I can probably figure most of it out anyway but it would be so much easier with a schematic. The 4A was a very low cost three tube crystal controlled transmitter circa 1933 with an on board PSU , one for the PA and a separate one for the osc. Might take me a year to collect the parts and build but perhaps it could be ready for the next LC event. I found lots of pictures. Dad was a Collins design engineer in the 1950s to 1962 so I gotta have something Collins even if a clone in my shack. Preferably while he is still living. (92) Also when I play fiddle at The 1802 Station on Fridays the fellow sitting about a foot away from me (Don Thompson) worked as tech for my Dads friend and fellow Collins engineer Floyd Rodin. Each engineer had his own assigned tech. Anyway, I need to honour them even if with just a clone. I knew so many at the Scraborough Plant (Collins Radio Of Canada) and last time I was there with my brother buying lab equipment they no longer used, many still working there came to see "The Dulmage boys " as we would sometimes go in with Dad if he had to work on a Saturday morning during the Avro Arrow radio project and the Gas Can Radio project. Good memories! I need to honour them and this seems one way to do it.
donVE3LYX

12380. Re: [AWA Group] Collins 4A Transmitter Schematic

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-19 14:48:52 UTC
From: Niel - W0VLZ
Topic: 12379 Message: 12380

Don,

The 4A looks like a neat transmitter. Did you see the one on ebay recently? Price was $30K. I don't believe it sold.

For the benefit of others here's a summary:
>
> By J.B. Jenkins, W5EU and Gary Halverson, WA9MZU
>
> /Third in a series, this article describes the lowest cost transmitter
> produced by Collins Radio during the prewar years. While few of these
> transmitters have survived today, the cute little 4A is perhaps the
> most common of the prewar Collins transmitters./
>
>
> A Rig for the Times
>
> The 4A was Collins' answer to a low-cost basic CW transmitter that the
> average depression era ham could justify, according to the Collins
> ads, due to the fact that the combined cost of the components were
> greater than the purchase price, $58.50 with one set of coils, less
> tubes. A perfect companion for the National SW-3 which sold for under
> $15.00 at that time.
>
> The 4A was provided with a built-in power supply and used isolantite
> plug-in coils for each band (sold as an option: a set of two was
> $5.00). Rated at 25 watts, it used a 47 oscillator driving parallel
> 46's. An '80 was used in the oscillator power supply as the low
> voltage rectifier, and an 83 as the high voltage rectifier.
>

One quirk not mentioned... The 4A included no provision to turn off the oscillator during receive. Guess no one thought you'd be listening on your transmit frequency.

I researched the 4A when I was building my sorta Gross CW 25. See http://w0vlz.blogspot.com/search/label/1934%20transmitter

Here's what I found -

- Schematic: https://www.prismnet.com/~nielw/1934XtalXmtr/Collins4ASchemetic2.JPG

- Pavek Musuem article on their 4A: http://www.pavekmuseum.org/collins4a.htm

- Bill Orr's construction article from Nov1971 CQ detailing similar transmitter: https://www.prismnet.com/~nielw/1934XtalXmtr/50Watter.pdf

- Collins Collectors Association 4A Article:
http://www.collinsradio.org/cca-collins-historical-archives/the-equipment-of-collins-radio/historical-equipment/4a/

- Series of detail photos showing construction:
http://rockwellcollinsmuseum.org/artifact_collection/viewer.php?id=21&v=8

More information and help is probably available by contacting the
Collins Collectors Association. See http://www.collinsradio.org/

Good luck on the project. We'll look forward to hearing it next LC.

73,
Niel - W0VLZ

dulmagedon@... [AWAGroup] wrote:
> I know I will probably never find one (but if you have one and want to
> part with it say so PSE) so I have decided my next project will be a
> Collins 4A transmitter clone. I happen to have the tubes, all but one
> in stock and have already built a 47 tubed oscillator so am familiar
> with that. Since its a rack mount I can buy the panel and the chassis
> (16x10x2?) from Hammond as well as the transformers. The Sangamo caps
> I don't have but think I could find them. The rest I think is
> available. Does anyone have a schematic or know where I could get one?
> I can probably figure most of it out anyway but it would be so much
> easier with a schematic. The 4A was a very low cost three tube
> crystal controlled transmitter circa 1933 with an on board PSU , one
> for the PA and a separate one for the osc. Might take me a year to
> collect the parts and build but perhaps it could be ready for the next
> LC event. I found lots of pictures.

12381. Re: [AWA Group] Collins 4A Transmitter Schematic

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-19 18:32:15 UTC
From: dulmagedon@...
Topic: 12379 Message: 12381

Neil, Thanks. Got it!
The No 19 is like that so if you are monitoring on an extra Rx it can drive you nuts but the worst is the ARC5s. I built the PS with a separate filament transformer so I could leave the tubes hot but kill all HV to the whole set. Then the trick is to REMEMBER to kill the B+ to your RX BEFORE you resupply the TX with HV. When using the ARC5 station on 80M Sunday I felt like I could use a couple more hands. Deafened myself a couple times.
I need a control panel I guess for it. Anyway I think the 4A is doable and one could come awfully close to identical with a bit of patience and some luck shopping for parts. I really appreciate the help with the schematic Neil.
30K? ! That like right now on Kijiji there is a HP No 19 for 6K. Second time for the listing. And PSU is homebrew. I guess I did well getting two for $100.
Anyway I like the look and simplicity of the 4A. I think I will give it a try.
Thanks again , DonVe3LYX

12382. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-20 01:48:52 UTC
From: Louis Vermond
Topic: 130 Message: 12382

http://www.ebay.com/itm/1935-Original-Thordarson-344-B-Transmitter-Guide-/361461387490?hash=item5428c710e2:g:2LAAAOSwrklVQX7d

http://www.ebay.com/itm/1940-THORDARSON-TRANSMITTER-GUIDE-CATALOG-VACUUM-TUBE-Pre-Amplifier-Radio-RARE/252256813524?_trksid=p2047675.c100011.m1850&_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D20140602152332%26meid%3D941af16795884bff98aa3de6c52e16cc%26pid%3D100011%26rk%3D1%26rkt%3D1%26sd%3D262236118999

See page 3....

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12383. To make my life complete.... Wanted

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-20 02:45:40 UTC
From: Louis Vermond
Topic: 12383 Message: 12383
Attachments: 1 described; binary payloads are missing from this source WARC

An original TNT. Any condition considered. Cash.

Please write directly: Ldvermond@...

73, Lou

For example

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12384. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-20 03:08:40 UTC
From: Louis Vermond
Topic: 130 Message: 12384

http://www.ebay.com/itm/VERY-RARE-Ten-Tec-TX-100-Tube-Transmitter-VERY-NICE-/151956223639?hash=item23614bf697:g:-AUAAOSw0HVWEDuG

Are these really worth that much?

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https://www.avast.com/antivirus

12385. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-20 04:16:51 UTC
From: Mike Feher
Topic: 130 Message: 12385

Maybe to a TT collector with money. I never saw another one. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, January 19, 2016 10:09 PM
To: AWAGroup
Subject: [AWA Group] eBay Alert

http://www.ebay.com/itm/
<http://www.ebay.com/itm/VERY-RARE-Ten-Tec-TX-100-Tube-Transmitter-VERY-NICE
-/151956223639?hash=item23614bf697:g:-AUAAOSw0HVWEDuG>
VERY-RARE-Ten-Tec-TX-100-Tube-Transmitter-VERY-NICE-/151956223639?hash=item2
3614bf697:g:-AUAAOSw0HVWEDuG

Are these really worth that much?

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12386. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-20 13:23:11 UTC
From: N1BUG
Topic: 130 Message: 12386

Well, that's a new one on me. I guess it depends on how you define "worth". There is no way I could afford that, but if I had the means some do I very well might grab it since I find something fascinating about it.

Lou - I haven't forgotten about our power supply discussion. Still feeling very overwhelmed and have not had bench space or bench time to pull mine yet. When I do, I will draw up a schematic for you.

Paul

On 01/19/2016 10:08 PM, 'Louis Vermond' ldvermond@...
[AWAGroup] wrote:
>
>
> http://www.ebay.com/itm/VERY-RARE-Ten-Tec-TX-100-Tube-Transmitter-VERY-NICE-/151956223639?hash=item23614bf697:g:-AUAAOSw0HVWEDuG
> <http://www.ebay.com/itm/VERY-RARE-Ten-Tec-TX-100-Tube-Transmitter-VERY-NICE-/151956223639?hash=item23614bf697:g:-AUAAOSw0HVWEDuG>
> Are these really worth that much?

12387. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-20 19:31:28 UTC
From: dulmagedon@...
Topic: 130 Message: 12387

http://www.ebay.ca/itm/E-F-Johnson-Adventurer-transmitter-tested-FSK-crystals-manual-spare-tubes-/201502804199?hash=item2eea80c8e7:g:pbsAAOSwHaBWlqPZ http://www.ebay.ca/itm/E-F-Johnson-Adventurer-transmitter-tested-FSK-crystals-manual-spare-tubes-/201502804199?hash=item2eea80c8e7:g:pbsAAOSwHaBWlqPZ

25 minutes to go. Absolutley a bargin even if it needed everything which it does not. I had to sit on my hands
donVE3LYX

12388. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-20 20:01:36 UTC
From: Mike Feher
Topic: 130 Message: 12388

So, did you get it? – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, January 20, 2016 2:31 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert

http://www.ebay.ca/itm/E-F-Johnson-Adventurer-transmitter-tested-FSK-crystals-manual-spare-tubes-/201502804199?hash=item2eea80c8e7:g:pbsAAOSwHaBWlqPZ

25 minutes to go. Absolutley a bargin even if it needed everything which it does not. I had to sit on my hands
donVE3LYX

12389. Battery Info Pse

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-20 21:11:22 UTC
From: Louis Vermond
Topic: 12389 Message: 12389

Hello,

I need a 6V battery for filament power. The current draw would not exceed 3 amps.

Six volt rechargeable batteries are not available in town. Would the following work without damaging the (lead acid) bat.? Using a 60 W bulb for example, drain the 12V down to 6Vs and, when necessary, recharge using a 6V charger. Would I have a 6V battery?

Out to lunch or not?

Tks, Lou

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12390. UV-202 TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-20 21:22:39 UTC
From: mattgoff54@...
Topic: 12390 Message: 12390

In the process of augmenting my tx tube collection I ended up with a 210 and a UV-202, a UV-201A, and a "newer" 203a. I want to build a TX with the UV-202, along the lines of earlier components and construction, and circuitry where applicable. Earlier, that is, than "1929" era, if there is much of a difference. The tube just looks way cool. I have a small stack of QST's ranging from 1924-1938 and a 1934 Handbook, and it seems like the TNT's and Hartley's I see are running 210's or 45's, not many early articles Ive seen describing a 202 TX. I think the 202 was introduced in 1922? Any ideas are appreciated. Or am I crazy.

Matt

12391. Re: [AWA Group] UV-202 TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-20 21:39:20 UTC
From: Bill Stewart
Topic: 12390 Message: 12391

Congrats Matt, on the great additions to your tube collection. Don't know if this would be of interest, but in the May/June, 1924 QSTs, there is info on the Meissner osc, which uses 202s. It is an odd type circuit, but can be built. I run the 4-coil version on 160m, but so far have not been able to find a good 202 so am using a 1924 version of the '01A. I get about 2 watts out on 160 using an inv. L antenna. As far as I know there are only, maybe three, of these type circuits being used in the BK event....so its not a well known oscillator circuit. Oh, and Mike, WU2D, had an article in the AWA Review, I believe it was, a few years ago on this circuit....and he is one of the three running one.
GL and 73 de Bill K4JYS

----- Original Message -----

From: "mattgoff54@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, January 20, 2016 4:22:39 PM
Subject: [AWA Group] UV-202 TX

In the process of augmenting my tx tube collection I ended up with a 210 and a UV-202, a UV-201A, and a "newer" 203a. I want to build a TX with the UV-202, along the lines of earlier components and construction, and circuitry where applicable. Earlier, that is, than "1929" era, if there is much of a difference. The tube just looks way cool. I have a small stack of QST's ranging from 1924-1938 and a 1934 Handbook, and it seems like the TNT's and Hartley's I see are running 210's or 45's, not many early articles Ive seen describing a 202 TX. I think the 202 was introduced in 1922? Any ideas are appreciated. Or am I crazy.

Matt

12392. Re: [AWA Group] Battery Info Pse

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-20 21:49:49 UTC
From: Larry Szendrei
Topic: 12389 Message: 12392

On 1/20/16 4:11 PM, 'Louis Vermond' ldvermond@... [AWAGroup] wrote:
>
> Hello,
> I need a 6V battery for filament power. The current draw would not
> exceed 3 amps.
> Six volt rechargeable batteries are not available in town. Would the
> following work without damaging the (lead acid) bat.? Using a 60 W
> bulb for example, drain the 12V down to 6Vs and, when
> necessary, recharge using a 6V charger. Would I have a 6V battery?
> Out to lunch or not?
> Tks, Lou
>
Lou, it's the chemistry in the battery that determines the output
voltage, which, for a lead-acid cell, is roughly 2.2V when
fully-charged. I doubt it will deliver much current when discharged to
1V/cell. And if you try to use it that way you propose, you'll kill it
in short order.

73,
-Larry/NE1S

12393. Re: [AWA Group] Battery Info Pse

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-20 21:54:01 UTC
From: Louis Vermond
Topic: 12389 Message: 12393

Thank you, Larry.

Lou, it's the chemistry in the battery that determines the output voltage, which, for a lead-acid cell, is roughly 2.2V when fully-charged. I doubt it will deliver much current when discharged to 1V/cell. And if you try to use it that way you propose, you'll kill it in short order.

73,
-Larry/NE1S

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12394. Re: [AWA Group] UV-202 TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-20 22:24:03 UTC
From: Louis Vermond
Topic: 12390 Message: 12394
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Matt,

Bill's suggestion is good. The other UV-202 era circuits were the Colpitts, Hartley and TPTG. I have attached a portion of a 1924 QST Hartley article. If you wish the entire article I will scan it and mail it to you.

As to pre-UX-210 parts, if you have or can borrow digital copies of QST 1920-'25 you would do well to read each issue looking for what parts were available as well as typical building methods. Because it's a 5 Watter (low power) early broadcast magazines would also be helpful in this as well.

GL, Matt.

73, Lou
VE3AWA

Congrats Matt, on the great additions to your tube collection. Don't know if this would be of interest, but in the May/June, 1924 QSTs, there is info on the Meissner osc, which uses 202s. It is an odd type circuit, but can be built. I run the 4-coil version on 160m, but so far have not been able to find a good 202 so am using a 1924 version of the '01A. I get about 2 watts out on 160 using an inv. L antenna. As far as I know there are only, maybe three, of these type circuits being used in the BK event....so its not a well known oscillator circuit. Oh, and Mike, WU2D, had an article in the AWA Review, I believe it was, a few years ago on this circuit....and he is one of the three running one.
GL and 73 de Bill K4JYS

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12395. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-20 22:33:49 UTC
From: Don Dulmage
Topic: 130 Message: 12395

I had to sit on my hands and I did, I did not bid and did not look agn Self discipline, not always easy but often good. But I couldn't not at least point it out to others. It wouldn't be right.
donVE3LYX

On Wed, 1/20/16, 'Mike Feher' n4fs@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: RE: [AWA Group] eBay Alert
To: AWAGroup@yahoogroups.com
Received: Wednesday, January 20, 2016, 3:01 PM

So, did you get it?
– Mike
 Mike B. Feher,
N4FS89 Arnold
Blvd.Howell, NJ,
07731732-886-5960
 From: AWAGroup@yahoogroups.com
[mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, January 20, 2016 2:31
PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay
Alert http://www.ebay.ca/itm/E-F-Johnson-Adventurer-transmitter-tested-FSK-crystals-manual-spare-tubes-/201502804199?hash=item2eea80c8e7:g:pbsAAOSwHaBWlqPZ

25 minutes to go. Absolutley a
bargin even if it needed everything which it does not. I had
to sit on my hands
donVE3LYX

12396. Re: [AWA Group] Battery Info Pse

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-20 22:44:00 UTC
From: Don Dulmage
Topic: 12389 Message: 12396

I use and have for years the rechargeable Gel cells found in the million Candle power flashlights at CTC. The Lights are often on sale and under $20 , occasionally well under. I bring them home and remove the battery and chuck the light itself. takes but a few minutes. The voltage is on the box. The red ones are usually 6 volt. You also get a charger and a charge controller and plug in in the deal plus some extra cables. They work very well for running filaments (and that isthe only reason I have them. I get mine at Crappy Tire (Its a Canadian thing fellows) I think you have Crapppy tire on your town. If you would like I will get you the SKU number. A very very practical solution. I have no desire for anything else because it works so well.
donVE3LYX

On Wed, 1/20/16, 'Louis Vermond' ldvermond@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] Battery Info Pse
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Received: Wednesday, January 20, 2016, 4:11 PM

Hello,

I need a 6V battery for filament
power. The current
draw would not exceed 3 amps.

Six volt rechargeable batteries
are not available in
town. Would the following work without damaging the
(lead acid)
bat.? Using a 60 W bulb for
example, drain the 12V
down to 6Vs and, when necessary, recharge using a 6V
charger. Would I
have a 6V battery?

Out to lunch or not?

Tks, Lou

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antivirus software.

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12397. Re: [AWA Group] UV-202 TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-21 02:23:30 UTC
From: mattgoff54@...
Topic: 12390 Message: 12397

Thanks Lou and Bill. I will research the Meissner, sounds interesting. I know its not really necessary but I do like the idea of a finished product that is period correct in all aspects. Guess I will have to get together a bunch of jars and get an authentic PS going. Maybe. I do have a few Model T coils laying around. Lou, the schematic in that article shows something common to most early ones Ive seen. That is, every connection on the coil is a "tap" via clip. I see ads for varying dimensions of inductance coils, many flat conductor, as if it was commonly a pre existing unit that one tapped for their needs. As opposed to winding your 1/4" tubing for whatever it may be.

12398. Re: Collins 4A Transmitter Schematic

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-21 15:34:40 UTC
From: Rj Mattson
Topic: 12379 Message: 12398

I have a intact holy Collins 4A xmtr that I keep in a box under my workbench.
I get sick every time I look at it.
Someone drilled a jagged 1/2" hole in the front panel - not even at the same height as the other switches.
It is an early 4A with a metal Collins badge and an engraved black non-metallic front panel.
Never found anyone that could restore the front panel.
Lou saw it and said wear dark sun glasses.
Sick in the Catskill mtns :-(
b well de
bob...w2ami x wn2ami 1962

12399. RE: [AWA Group] Re: Collins 4A Transmitter Schematic

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-21 15:51:19 UTC
From: Mike Feher
Topic: 12379 Message: 12399

Hi Bob –

Hope all is well with you. It sure has been a while. If that were mine, I am pretty sure I could fix that panel so it would not be visible from the front. Depending on panel thickness, would determine how visible it would be from the rear. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, January 21, 2016 10:35 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: Collins 4A Transmitter Schematic

I have a intact holy Collins 4A xmtr that I keep in a box under my workbench.

I get sick every time I look at it.

Someone drilled a jagged 1/2" hole in the front panel - not even at the same height as the other switches.

It is an early 4A with a metal Collins badge and an engraved black non-metallic front panel.

Never found anyone that could restore the front panel.

Lou saw it and said wear dark sun glasses.

Sick in the Catskill mtns :-(

b well de

bob...w2ami x wn2ami 1962

12400. Re: [AWA Group] Re: Collins 4A Transmitter Schematic

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-21 16:29:49 UTC
From: Louis Vermond
Topic: 12379 Message: 12400

I have a intact Holy Collins 4A xmtr that I keep in a box under my workbench.

Hi Bob –

Hope all is well with you. It sure has been a while. If that were mine, I am pretty sure I could fix that panel so it would not be visible from the front. Depending on panel thickness, would determine how visible it would be from the rear. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, January 21, 2016 10:35 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: Collins 4A Transmitter Schematic

I have a intact holy Collins 4A xmtr that I keep in a box under my workbench.

I get sick every time I look at it.

Someone drilled a jagged 1/2" hole in the front panel - not even at the same height as the other switches.

It is an early 4A with a metal Collins badge and an engraved black non-metallic front panel.

Never found anyone that could restore the front panel.

Lou saw it and said wear dark sun glasses.

Sick in the Catskill mtns :-(

b well de

bob...w2ami x wn2ami 1962

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https://www.avast.com/antivirus

12401. Re: [AWA Group] Battery Info Pse

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-21 18:55:10 UTC
From: dulmagedon@...
Topic: 12389 Message: 12401
Attachments: 1 described; binary payloads are missing from this source WARC

Here is the last one I bought. Battery was 6 volts and more then sufficient amperage. When I bought it (I have bought two) it was on sale for around $20 so buying the lamps is often far cheaper then buying a battery. ALSO. Alarm companies keep the battery ies changed on Fre exit sign and they use 2 six volt rechargables of industrial quality. They have to dispose of them or does the building owner.often they are still good and I had for years gotten them for disposing of them They had so many though and not all were good disposing of the bummer made buying a light and removeing a brand new battery look cheap.
donVE3LYX

12402. Re: Collins 4A Transmitter Schematic

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-21 19:01:30 UTC
From: dulmagedon@...
Topic: 12379 Message: 12402

I would releave you of the pain of gazing at it if you like. PM me of you are interested in helping me out with my desire to have one. I have a brother and sister living in NY State so it wouldn't be that hard. And if that is not good for you please don't be insulted however f you do release PSE give me a chance. I dont have a basement full. I just need a Collins something to honour my Father's time with the company.
donVE3LYX

12403. Re: [AWA Group] Re: Collins 4A Transmitter Schematic

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-21 19:21:08 UTC
From: Roger Kuchera
Topic: 12379 Message: 12403

Might I suggest backing the hole with a piece of wood/plastic and filling the hole with JB Weld. Somecareful sanding and a repaint and you can't tell the difference. I worked a similar process on aNational PSK (pre-selector for an FBX). After repainting with Black crackle paint, the repair wasbasically invisible. Don't lay it on too thick, it may take two applications. Allow 24 hours dryingtime. It is quite hard when dry.
If the panel is Aluminum, I believe JB Weld is also made using made with Aluminum powder butdon't quote me on that. The steel powder variety should work OK.
Roger/K1TG

On Thursday, January 21, 2016 2:01 PM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv0756549405 #yiv0756549405 .yiv0756549405ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv0756549405 div.yiv0756549405ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv0756549405 div.yiv0756549405photo-title a, #yiv0756549405 div.yiv0756549405photo-title a:active, #yiv0756549405 div.yiv0756549405photo-title a:hover, #yiv0756549405 div.yiv0756549405photo-title a:visited {text-decoration:none;}#yiv0756549405 div.yiv0756549405attach-table div.yiv0756549405attach-row {clear:both;}#yiv0756549405 div.yiv0756549405attach-table div.yiv0756549405attach-row div {float:left;}#yiv0756549405 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv0756549405 div.yiv0756549405ygrp-file {width:30px;}#yiv0756549405 div.yiv0756549405attach-table div.yiv0756549405attach-row div div a {text-decoration:none;}#yiv0756549405 div.yiv0756549405attach-table div.yiv0756549405attach-row div div span {font-weight:normal;}#yiv0756549405 div.yiv0756549405ygrp-file-title {font-weight:bold;}#yiv0756549405 --> <!--#yiv0756549405 #yiv0756549405ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv0756549405 #yiv0756549405ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv0756549405 #yiv0756549405ygrp-mkp #yiv0756549405hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv0756549405 #yiv0756549405ygrp-mkp #yiv0756549405ads {margin-bottom:10px;}#yiv0756549405 #yiv0756549405ygrp-mkp .yiv0756549405ad {padding:0 0;}#yiv0756549405 #yiv0756549405ygrp-mkp .yiv0756549405ad p {margin:0;}#yiv0756549405 #yiv0756549405ygrp-mkp .yiv0756549405ad a {color:#0000ff;text-decoration:none;}-->

I would releave you of the pain of gazing at it if you like. PM me of you are interested in helping me out with my desire to have one. I have a brother and sister living in NY State so it wouldn't be that hard. And if that is not good for you please don't be insulted however f you do release PSE give me a chance. I dont have a basement full. I just need a Collins something to honour my Father's time with the company.
donVE3LYX

12404. RE: [AWA Group] Re: Collins 4A Transmitter Schematic

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-21 19:26:13 UTC
From: Mike Feher
Topic: 12379 Message: 12404

Roger –

That is close to how I would do it. Except, I would clamp a thick piece of Teflon on the front so the epoxy would be flush and smooth with the front panel when the Teflon is removed. I would also try and bevel the back to keep the epoxy in place. Finishing to match then would be trivial. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, January 21, 2016 2:21 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: Collins 4A Transmitter Schematic

Might I suggest backing the hole with a piece of wood/plastic and filling the hole with JB Weld. Some

careful sanding and a repaint and you can't tell the difference. I worked a similar process on a

National PSK (pre-selector for an FBX). After repainting with Black crackle paint, the repair was

basically invisible. Don't lay it on too thick, it may take two applications. Allow 24 hours drying

time. It is quite hard when dry.

If the panel is Aluminum, I believe JB Weld is also made using made with Aluminum powder but

don't quote me on that. The steel powder variety should work OK.

Roger/K1TG

On Thursday, January 21, 2016 2:01 PM, "dulmagedon@... [AWAGroup] <mailto:dulmagedon@...%20[AWAGroup]> " <AWAGroup@yahoogroups.com> wrote:

I would releave you of the pain of gazing at it if you like. PM me of you are interested in helping me out with my desire to have one. I have a brother and sister living in NY State so it wouldn't be that hard. And if that is not good for you please don't be insulted however f you do release PSE give me a chance. I dont have a basement full. I just need a Collins something to honour my Father's time with the company.

donVE3LYX

12405. RE: [AWA Group] Re: Collins 4A Transmitter Schematic

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-21 22:43:32 UTC
From: dulmagedon@...
Topic: 12379 Message: 12405
Attachments: 1 described; binary payloads are missing from this source WARC

Well you could and it would look good from the front if you were careful but inside where you live, you would know it wasn't. I would remove the front panel, protect everything that isn't removable without damage and fire up the Hi Frequency Tig Welder which is what this QSL picture is off. and fill the hole and repair it. Then it would be all once piece and when done undetectable. Assuming it is the one with the aluminum front panel. Steel is similar process. and could also be undetectable The hard plastic one would probably be the biggest challenge to make a undetectable repair.
donVE3LYX

12406. RE: [AWA Group] Re: Collins 4A Transmitter Schematic [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-21 22:45:34 UTC
From: Mike Feher
Topic: 12379 Message: 12406

Even if I had one, I would not know how to use it J. – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, January 21, 2016 5:44 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Re: Collins 4A Transmitter Schematic [1 Attachment]

Well you could and it would look good from the front if you were careful but inside where you live, you would know it wasn't. I would remove the front panel, protect everything that isn't removable without damage and fire up the Hi Frequency Tig Welder which is what this QSL picture is off. and fill the hole and repair it. Then it would be all once piece and when done undetectable. Assuming it is the one with the aluminum front panel. Steel is similar process. and could also be undetectable The hard plastic one would probably be the biggest challenge to make a undetectable repair.
donVE3LYX

12407. Re: [AWA Group] Re: Collins 4A Transmitter Schematic

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-21 22:48:58 UTC
From: Roger Kuchera
Topic: 12379 Message: 12407

Hi Mike, I have never used anything on the, relying on some light sanding. I apply the stuff with a smallrubber squeegee. Possibly a putty knife will suffice. JB Weld is fairly sturdy even in thin sections.

In the case of steel panels, I drill the hole out with a drill bit big enough to make the hole roundand I sweat (solder) a sheet brass plug into hole. After cleaning out all the flux, I use JB Weld asa sort of body putty. In a word, it is miniature auto body work.
Roger/K1TG

On Thursday, January 21, 2016 2:27 PM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv5453570898 #yiv5453570898 -- #yiv5453570898 .yiv5453570898ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv5453570898 div.yiv5453570898ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv5453570898 div.yiv5453570898photo-title a, #yiv5453570898 div.yiv5453570898photo-title a:active, #yiv5453570898 div.yiv5453570898photo-title a:hover, #yiv5453570898 div.yiv5453570898photo-title a:visited {text-decoration:none;}#yiv5453570898 div.yiv5453570898attach-table div.yiv5453570898attach-row {clear:both;}#yiv5453570898 div.yiv5453570898attach-table div.yiv5453570898attach-row div {float:left;}#yiv5453570898 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv5453570898 div.yiv5453570898ygrp-file {width:30px;}#yiv5453570898 div.yiv5453570898attach-table div.yiv5453570898attach-row div div a {text-decoration:none;}#yiv5453570898 div.yiv5453570898attach-table div.yiv5453570898attach-row div div span {font-weight:normal;}#yiv5453570898 div.yiv5453570898ygrp-file-title {font-weight:bold;}#yiv5453570898 #yiv5453570898 #yiv5453570898 #yiv5453570898 -- _filtered #yiv5453570898 {font-family:Helvetica;panose-1:2 11 6 4 2 2 2 2 2 4;} _filtered #yiv5453570898 {font-family:Wingdings;panose-1:5 0 0 0 0 0 0 0 0 0;} _filtered #yiv5453570898 {panose-1:2 4 5 3 5 4 6 3 2 4;} _filtered #yiv5453570898 {font-family:Calibri;panose-1:2 15 5 2 2 2 4 3 2 4;} _filtered #yiv5453570898 {font-family:Tahoma;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv5453570898 {font-family:Verdana;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv5453570898 {font-family:Consolas;panose-1:2 11 6 9 2 2 4 3 2 4;}#yiv5453570898 #yiv5453570898 p.yiv5453570898MsoNormal, #yiv5453570898 li.yiv5453570898MsoNormal, #yiv5453570898 div.yiv5453570898MsoNormal {margin:0in;margin-bottom:.0001pt;font-size:12.0pt;}#yiv5453570898 a:link, #yiv5453570898 span.yiv5453570898MsoHyperlink {color:blue;text-decoration:underline;}#yiv5453570898 a:visited, #yiv5453570898 span.yiv5453570898MsoHyperlinkFollowed {color:purple;text-decoration:underline;}#yiv5453570898 p {margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv5453570898 code {}#yiv5453570898 pre {margin:0in;margin-bottom:.0001pt;font-size:10.0pt;}#yiv5453570898 tt {}#yiv5453570898 span.yiv5453570898cat {}#yiv5453570898 span.yiv5453570898ct {}#yiv5453570898 span.yiv5453570898HTMLPreformattedChar {font-family:Consolas;}#yiv5453570898 p.yiv5453570898attach, #yiv5453570898 li.yiv5453570898attach, #yiv5453570898 div.yiv5453570898attach {margin-right:0in;margin-left:0in;font-size:9.0pt;}#yiv5453570898

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div.yiv5453570898bold
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div.yiv5453570898green
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p.yiv5453570898replbq, #yiv5453570898 li.yiv5453570898replbq, #yiv5453570898
div.yiv5453570898replbq {margin:3.0pt;font-size:12.0pt;}#yiv5453570898 p.yiv5453570898ad,
#yiv5453570898 li.yiv5453570898ad, #yiv5453570898 div.yiv5453570898ad
{margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv5453570898
p.yiv5453570898underline, #yiv5453570898 li.yiv5453570898underline, #yiv5453570898
div.yiv5453570898underline
{margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv5453570898
span.yiv5453570898yshortcuts {}#yiv5453570898 p.yiv5453570898ad1, #yiv5453570898
li.yiv5453570898ad1, #yiv5453570898 div.yiv5453570898ad1
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#yiv5453570898 li.yiv5453570898ad2, #yiv5453570898 div.yiv5453570898ad2
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div.yiv5453570898underline1 {margin-right:0in;margin-left:0in;font-size:12.0pt;text-decora
tion:underline;}#yiv5453570898 span.yiv5453570898yshortcuts1
{font-weight:bold;}#yiv5453570898 span.yiv5453570898yshortcuts2
{font-weight:normal;}#yiv5453570898 span.yiv5453570898EmailStyle36
{color:#1F497D;}#yiv5453570898 .yiv5453570898MsoChpDefault {font-size:10.0pt;} _filtered
#yiv5453570898 {margin:1.0in 1.0in 1.0in 1.0in;}#yiv5453570898
div.yiv5453570898WordSection1 {}#yiv5453570898 _filtered #yiv5453570898 {} _filtered
#yiv5453570898 {font-family:Symbol;} _filtered #yiv5453570898 {} _filtered #yiv5453570898
{font-family:Wingdings;} _filtered #yiv5453570898 {font-family:Wingdings;} _filtered
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{font-family:Wingdings;} _filtered #yiv5453570898 {font-family:Wingdings;}#yiv5453570898
ol {margin-bottom:0in;}#yiv5453570898 ul {margin-bottom:0in;}#yiv5453570898

Roger – That is close to how I would do it. Except, I would clamp a thick piece of Teflon on the front so the epoxy would be flush and smooth with the front panel when the Teflon is removed. I would also try and bevel the back to keep the epoxy in place. Finishing to match then would be trivial. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, January 21, 2016 2:21 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: Collins 4A Transmitter Schematic Might I suggest backing the hole with a piece of wood/plastic and filling the hole with JB Weld. Somecareful sanding and a repaint and you can't tell the difference. I worked a similar process on aNational PSK (pre-selector for an FBX). After repainting with Black crackle paint, the repair wasbasically invisible. Don't lay it on too thick, it may take two applications. Allow 24 hours dryingtime. It is quite hard when dry. If the panel is Aluminum, I believe JB Weld is also made using made with Aluminum powder butdon't quote me on that. The steel powder variety should work OK. Roger/K1TG On Thursday, January 21, 2016 2:01 PM, "mailto:dulmagedon@...%20[AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

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so it wouldn't be that hard. And if that is not good for you please don't be insulted however f you do release PSE give me a chance. I dont have a basement full. I just need a Collins something to honour my Father's time with the company.
donVE3LYX

12408. Re: [AWA Group] UV-202 TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-22 06:34:03 UTC
From: Louis Vermond
Topic: 12390 Message: 12408

Congrats Matt, on the great additions to your tube collection. Don't know if this would be of interest, but in the May/June, 1924 QSTs, there is info on the Meissner osc, which uses 202s. It is an odd type circuit, but can be built. I run the 4-coil version on 160m, but so far have not been able to find a good 202 so am using a 1924 version of the '01A. I get about 2 watts out on 160 using an inv. L antenna. As far as I know there are only, maybe three, of these type circuits being used in the BK event....so its not a well known oscillator circuit. Oh, and Mike, WU2D, had an article in the AWA Review, I believe it was, a few years ago on this circuit....and he is one of the three running one.
GL and 73 de Bill K4JYS

Which edition, Bill? Tks, Lou

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https://www.avast.com/antivirus

12409. Re: [AWA Group] UV-202 TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-22 12:10:44 UTC
From: Bill Stewart
Topic: 12390 Message: 12409

Don't remember Lou...probably +/- 3 or 4 yrs ago...bill

----- Original Message -----

From: "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Friday, January 22, 2016 1:34:03 AM
Subject: Re: [AWA Group] UV-202 TX

Congrats Matt, on the great additions to your tube collection. Don't know if this would be of interest, but in the May/June, 1924 QSTs, there is info on the Meissner osc, which uses 202s. It is an odd type circuit, but can be built. I run the 4-coil version on 160m, but so far have not been able to find a good 202 so am using a 1924 version of the '01A. I get about 2 watts out on 160 using an inv. L antenna. As far as I know there are only, maybe three, of these type circuits being used in the BK event....so its not a well known oscillator circuit. Oh, and Mike, WU2D, had an article in the AWA Review, I believe it was, a few years ago on this circuit....and he is one of the three running one.
GL and 73 de Bill K4JYS

Which edition, Bill? Tks, Lou

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www.avast.com

12410. Re: [AWA Group] UV-202 TX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-22 15:30:04 UTC
From: Louis Vermond
Topic: 12390 Message: 12410

Don't remember Lou...probably +/- 3 or 4 yrs ago...bill

OK

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https://www.avast.com/antivirus

12411. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-22 17:54:04 UTC
From: Louis Vermond
Topic: 130 Message: 12411
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/Vintage-Rare-Radio-Engineering-Labs-Radio-Tuner-REL-/252255946750?hash=item3abba047fe:g:CT8AAOSwpRRWm7Uw

BC 3-circuit tuner.

Inquire about the condx of the casting.

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https://www.avast.com/antivirus

12412. Some may find this interesting ... WIRELESS FOR THE WARRIOR

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-23 23:58:39 UTC
From: Louis Vermond
Topic: 12412 Message: 12412

http://www.wftw.nl/other_topics.html

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https://www.avast.com/antivirus

12413. ECO when?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-24 00:31:02 UTC
From: Eric NO3M
Topic: 12413 Message: 12413

Both the 224 and 865 (screen grid tetrodes) were available in 1929. They are perfect candidates for an ECO (electron coupled), which I use in my 1930s style MOPAs with a 89 pentode. While the technology obviously existed at the time, I cannot seem to find any documents dating pre-1930 regarding ECOs. The earliest so far is an article by Grammar in Oct 1932 QST. There are no citations to any earlier work in that article, but by the discussion it sounds like the ECO was already well tested and established.

A generic web search doesn't bring up any earlier references.

Does anyone have any information, documents, etc., that reference an ECO circuit prior to Grammar's 1932 QST article?

73 Eric NO3M

12414. FS Vintage LogBook Collection from 1930's and 40's

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-24 01:09:08 UTC
From: Whitebear1122
Topic: 12414 Message: 12414

>
> I am selling my paper logbook collection consisting of 8 logs. Most are the ARRL logbooks, one is a red log book “compliments of Radio Laboratories Amateur Headquarters, Kansas City MO"
>
> W9DOW Nov 1932 - Nov 33
> W8FXH Jul 32 - Mar 33
> W9VMS Sept 1937 - March 38
> W9HON Sept 1934 - April 37
> W9HON Aug 45 - Feb 47
> W8WSE March 47 possibly
> W8WSE March 49
> W9QYN July 48 - Jul 61
>
> The logs are a great wealth of information and fun to look through.
>
> Asking $75 or BO plus shipping. Thanks. 73, Scott WA9WFA

12415. Re: [AWA Group] ECO when?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-24 01:24:49 UTC
From: Eric NO3M
Topic: 12413 Message: 12415

Further digging found a Jan 1932 QST article by JB Dow, who cited and also authored a Dec 1931 article in the Proceedings of the Institute of Radio Engineers, "A Recent Development in Vacuum Tube Oscillator Circuits". For lack of that 1931 article and no further citations, based on it's title alone, it appears the ECO came to light sometime in 1931...

73 Eric NO3M

12416. Re: [AWA Group] ECO when?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-24 01:26:43 UTC
From: Louis Vermond
Topic: 12413 Message: 12416

!

http://no3m.net/2014/08/630m-mopa-809-811/

https://www.youtube.com/watch?v=HHgK6Mg6Hqc

https://www.google.ca/search?q=NO3M&rls=com.microsoft:en-US&tbm=isch&tbo=u&source=univ&sa=X&ved=0ahUKEwiS8uKQo8HKAhVhkoMKHV3wC4MQsAQIMg&biw=1352&bih=875#imgrc=XLcGT7fW2vE23M%3A

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https://www.avast.com/antivirus

12417. Re: [AWA Group] ECO when?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-24 02:01:49 UTC
From: dulmagedon@...
Topic: 12413 Message: 12417

This is a timely thread! I built an ECO with a 42 tube sometime ago. I had a few contacts with it but found it unruly at higher power levels. The articles I had read in old QSTs and Radio news suggested that it should not be used alone like a self controlled osc but I had figured if it was as good and stable as sugested at moderate power it would probably be ok. Today long before I saw these postings I dug through my box of early 1930s tubes and removed the oscillator from the 42 tube cathode, grid, screen and built one using all the same parts mounted exactly in the same places using the triode section of a 75 tube then used the output to drive the grid of the 42 tube as a normal RF PA.. Wiring changes were minor and much need no change whatsoever. I am happier with the rig now as a MOPA but will explore further. I have not shut the door on the ECO but I had been unable to make it behave in a manner that I felt would be acceptable for daily use. I am curious about yours Eric and your experience. It was hard to change it out as I had high hopes.
donVE3LYX

12418. Re: FS Vintage LogBook Collection from 1930's and 40's

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-24 02:33:39 UTC
From: Whitebear1122
Topic: 12414 Message: 12418

Thanks. The logbook are sold. 73, Scott WA9WFA
> On Jan 23, 2016, at 7:09 PM, Whitebear1122 <whitebear1122@...> wrote:
>
>
>>
>> I am selling my paper logbook collection consisting of 8 logs. Most are the ARRL logbooks, one is a red log book “compliments of Radio Laboratories Amateur Headquarters, Kansas City MO"
>>
>> W9DOW Nov 1932 - Nov 33
>> W8FXH Jul 32 - Mar 33
>> W9VMS Sept 1937 - March 38
>> W9HON Sept 1934 - April 37
>> W9HON Aug 45 - Feb 47
>> W8WSE March 47 possibly
>> W8WSE March 49
>> W9QYN July 48 - Jul 61
>>
>> The logs are a great wealth of information and fun to look through.
>>
>> Asking $75 or BO plus shipping. Thanks. 73, Scott WA9WFA
>

12419. Re: [AWA Group] ECO when?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-24 09:57:19 UTC
From: Eric NO3M
Topic: 12413 Message: 12419

Don

I haven't tested an ECO directly connected to an antenna, so no words of experience in that specific case.

The 89 ECO in my 80/160 MOPA is driving a 802 buffer. I run 300V (unreg) on the plate, 105V (reg) on the screen, and 45-50V unreg on the suppressor (this can be grounded, has little effect on performance but increases output a little). References note that if the screen voltage is supplied as part of a divider from the same supply as the plate voltage, voltage variations will track and have minimal effect on freq. changes.

The grid circuit in my ECO is a Hi-C Clapp, plate tank is low-C like any typical buffer/amplifier stage. I generally run the grid circuit at 1/2 desired freq. and tune the plate circuit for the second harmonic. This is referenced in Grammar's article as well, noting that the second harmonic output is nearly the same as the fundamental. This helps stability a lot. An op from the mid-west in a recent QSO commented that he couldn't believe it was a open construction, breadboard oscillator.

Regarding the 42, is it of the "screen-grid" type? 224 / 865 screen grid tubes can be used without neutralization, but the 46 and 47 (non-screen grid) need to be neutralized in an ECO. The 42 may be in the same situation as the latter. Check out Grammar's article (Oct 1932), he goes into great detail on neutralization regarding those tubes, as they fill the void in power class between the 224 and 865 at the time of the article.

73 Eric NO3M

On 01/23/2016 09:01 PM, dulmagedon@... [AWAGroup] wrote:
>
> This is a timely thread! I built an ECO with a 42 tube sometime ago. I
> had a few contacts with it but found it unruly at higher power levels.
> The articles I had read in old QSTs and Radio news suggested that it
> should not be used alone like a self controlled osc but I had figured
> if it was as good and stable as sugested at moderate power it would
> probably be ok. Today long before I saw these postings I dug through
> my box of early 1930s tubes and removed the oscillator from the 42
> tube cathode, grid, screen and built one using all the same parts
> mounted exactly in the same places using the triode section of a 75
> tube then used the output to drive the grid of the 42 tube as a normal
> RF PA.. Wiring changes were minor and much need no change whatsoever.
> I am happier with the rig now as a MOPA but will explore further. I
> have not shut the door on the ECO but I had been unable to make it

> behave in a manner that I felt would be acceptable for daily use. I am
> curious about yours Eri c and your experience. It was hard to change
> it out as I had high hopes.
> donVE3LYX
>
>

12420. Re: [AWA Group] ECO when?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-24 12:55:20 UTC
From: dulmagedon@...
Topic: 12413 Message: 12420

Yes the 42 is a proper screen grid tube, forerunner to the 6f6 octal (electrically identical) but is a 6 pin. All the tubes for my 1930s "TWIN" station both tx and regen came from the same source. A 1931 Grimes bros set the clerk at the local Lowes gave me when he heard I was buying hardware for old radios. (Lowes still sells the brass thumb nuts etc) I usually build a neutralizing stub in when I first build a hi power RF device . It is sort of a minimalist method of neutralization but is easily adjustable and sometimes all that is required. This tube didnt require it so after a bit I removed it. The 42 is about double the power I think. I think an 89 is average of 1.5W and a 42 3.5W. I had no trouble getting it to oscillate etc but keying was a real pain. It had a very pronounced chirp and nothing I did seemed to help. More then once I worked on it all day. Playing with screen voltage , cap values etc etc and set it aside in disgust but I kept at it. The 1930s article I had read on it suggested that an ECO does not do well as a stand alone self controlled power oscillator but is more suited to exactly what you are doing. You know me, I had to try anyway but I can't say I wasn't warned. So when it came time to make the rig a Mopa I went back to my tried and true favourite, an old triode hartley osc running lightly loaded driving the 42. I do have a spare 42 so could have done an ECO driving a 42 but I whimped out Still the whole deal was interesting. I am currently trying to discern what the ECO advantage really is since I have no trouble with a triode osc whatsoever but hopefully I will get so I grasp that someday. In the meantime I applaud you efforts. From the reports you are getting, it sounds like you did it right!
donVe3LYX

12421. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-24 15:23:46 UTC
From: Louis Vermond
Topic: 130 Message: 12421

http://www.ebay.com/itm/Used-Strong-Radiotron-UV-202-Brass-Base-Tipped-Vacuum-Tube-/151960348685?

Because of the lack of "rainbow" getter and a scruffy base this might go for well under the usual $150. Make a nice working 202 for the Kelley.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12422. '27 to '10 MOPA question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-24 19:47:38 UTC
From: mattgoff54@...
Topic: 12422 Message: 12422

Ok guys, bear with this 27 yr old newbies troubles. Although my iPhone and XBox are sometimes just as frustrating.

I succesfully got my Hartley running well enough to put on the air, using two globe '27s in parallel and about 180v on the plate at 28mA. I think about 4 watts out, no digital meter. Made a few QSO's despite my horrid antenna switching. So to get ahead of myself I thought I would try and run this output into a PA using a 210. Basic one tube amp, and I converted it to shunt feed as many do, moving the series cap from the coil tap and putting it at the plate, also the RFC. 400v on the plate. Also no external bias, the grid is grounded to the fil center tap via the grid leak and a RFC. So I threw it together, with not-so-correct cap values, but should work...I think. Coupled it to the Hartley using the oscillator's ant coil (4 turns on 80m). One end goes right to the 210 grid, the other through a cap to the fil center tap. Seemed to be able to get it neutralized using a loop and bulb on the plate end. But when i put the B+ to it and key the center tap, the plate current hits 70+ mA, without excitation and doesnt change all that much with various condenser settings. Keying the oscillator causes a very slight drop in plate current. Im obviously missing something. Please help!

73, Matt

12423. Re: [AWA Group] '27 to '10 MOPA question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-24 20:34:58 UTC
From: Larry Szendrei
Topic: 12422 Message: 12423

On 1/24/16 2:47 PM, mattgoff54@... [AWAGroup] wrote:
>
> Ok guys, bear with this 27 yr old newbies troubles. Although my iPhone
> and XBox are sometimes just as frustrating.
>
> I succesfully got my Hartley running well enough to put on the air,
> using two globe '27s in parallel and about 180v on the plate at 28mA.
> I think about 4 watts out, no digital meter. Made a few QSO's despite
> my horrid antenna switching. So to get ahead of myself I thought I
> would try and run this output into a PA using a 210. Basic one tube
> amp, and I converted it to shunt feed as many do, moving the series
> cap from the coil tap and putting it at the plate, also the RFC. 400v
> on the plate. Also no external bias, the grid is grounded to the fil
> center tap via the grid leak and a RFC. So I threw it together, with
> not-so-correct cap values, but should work...I think. Coupled it to
> the Hartley using the oscillator's ant coil (4 turns on 80m). One end
> goes right to the 210 grid, the other through a cap to the fil center
> tap. Seemed to be able to get it neutralized using a loop and bulb on
> the plate end. But when i put the B+ to it and key the center tap, the
> plate current hits 70+ mA, without excitation and doesnt change all
> that much with various condenser settings. Keying the oscillator
> causes a very slight drop in plate current. Im obviously missing
> something. Please help!
>
Hi Matt,

Congratulations on getting the Harley running, and on making some QSOs with it!

I suspect you aren't getting enough drive to the '10 from the Harley with the type of coupling you are using. This would mean, among other things, that you won't develop adequate grid-leak bias for the '10, and as a result the '10 will draw excessive plate current.

Here is what I would do. Forget about using the antenna coil on the Harley to drive the '10. Instead, couple to the '10 grid through a mica capacitor in the .001 - 0.005 mfd range clipped to the Hartley tank coil a turn or two from the plate end of the tank coil. You can adjust the excitation by clipping up and down on the coil. You can also neutralize with another clip further down the coil toward the grid end. One end of a variable neutralizing cap goes to this clip, the other end is tied directly to the plate (or better, on the other side of the DC blocking capacitor) of the '10. You can adjust the neutralization by the position of this clip and the neutralizing capacitor adjustment.

73/GL,
-Larry/NE1S

12424. Re: [AWA Group] '27 to '10 MOPA question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-24 20:37:41 UTC
From: Larry Szendrei
Topic: 12422 Message: 12424

On 1/24/16 3:34 PM, Larry Szendrei wrote:
> On 1/24/16 2:47 PM, mattgoff54@... [AWAGroup] wrote:
>>
>> Ok guys, bear with this 27 yr old newbies troubles. Although my
>> iPhone and XBox are sometimes just as frustrating.
>>
>> I succesfully got my Hartley running well enough to put on the air,
>> using two globe '27s in parallel and about 180v on the plate at 28mA.
>> I think about 4 watts out, no digital meter. Made a few QSO's despite
>> my horrid antenna switching. So to get ahead of myself I thought I
>> would try and run this output into a PA using a 210. Basic one tube
>> amp, and I converted it to shunt feed as many do, moving the series
>> cap from the coil tap and putting it at the plate, also the RFC. 400v
>> on the plate. Also no external bias, the grid is grounded to the fil
>> center tap via the grid leak and a RFC. So I threw it together, with
>> not-so-correct cap values, but should work...I think. Coupled it to
>> the Hartley using the oscillator's ant coil (4 turns on 80m). One end
>> goes right to the 210 grid, the other through a cap to the fil center
>> tap. Seemed to be able to get it neutralized using a loop and bulb on
>> the plate end. But when i put the B+ to it and key the center tap,
>> the plate current hits 70+ mA, without excitation and doesnt change
>> all that much with various condenser settings. Keying the oscillator
>> causes a very slight drop in plate current. Im obviously missing
>> something. Please help!
>>
> Hi Matt,
>
> Congratulations on getting the Harley running, and on making some QSOs
> with it!
>
> I suspect you aren't getting enough drive to the '10 from the Harley
> with the type of coupling you are using. This would mean, among other
> things, that you won't develop adequate grid-leak bias for the '10,
> and as a result the '10 will draw excessive plate current.
>
> Here is what I would do. Forget about using the antenna coil on the
> Harley to drive the '10. Instead, couple to the '10 grid through a
> mica capacitor in the .001 - 0.005 mfd range clipped to the Hartley
> tank coil a turn or two from the plate end of the tank coil. You can
> adjust the excitation by clipping up and down on the coil. You can
> also neutralize with another clip further down the coil toward the
> grid end. One end of a variable neutralizing cap goes to this clip,
> the other end is tied directly to the plate (or better, on the other
> side of the DC blocking capacitor) of the '10. You can adjust the
> neutralization by the position of this clip and the neutralizing

> capacitor adjustment.
>
> 73/GL,
> -Larry/NE1S

Oops, I forgot to mention -

Also, since the '10 is running without any fixed protective bias, you'll need to key the '10 PA stage along with the oscillator.

-Larry/NE1S

12425. Re: [AWA Group] '27 to '10 MOPA question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-24 21:36:42 UTC
From: mattgoff54@...
Topic: 12422 Message: 12425

Ok I tried the cap coupling method and the plate current is still the same 70mA when keyed. If i pop the grid leak off it goes to 0. Also that output tap wants to be where the grid/plate tap is or it makes the signal very rough. Dont know if thats normal. My tap is one turn to the plate side of center, out of 12 turns total.

Matt

12426. Re: [AWA Group] '27 to '10 MOPA question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-25 02:09:54 UTC
From: Larry Szendrei
Topic: 12422 Message: 12426

On 1/24/16 4:36 PM, mattgoff54@... [AWAGroup] wrote:
>
> Ok I tried the cap coupling method and the plate current is still the
> same 70mA when keyed. If i pop the grid leak off it goes to 0.
>
Do you mean, if you let the grid of the '10 float for DC, the '10 plate current goes to 0? That's odd. What is the plate current with the grid of the '10 disconnected from everything, with plate voltage applied?

> Also that output tap wants to be where the grid/plate tap is or it
> makes the signal very rough. Dont know if thats normal.
>
I don't think it's "normal," but I don't doubt you, and again, I'm at a loss to explain it. In these rigs getting a T9 note can be a challenge. I'm not sure what you mean by grid/plate tap. In a Hartley, the grid is connected (for RF) at one end of the tank coil, and the plate to the other end.

> My tap is one turn to the plate side of center, out of 12 turns total.
>
Is that one of the places that makes the note rough?

> .
>
>

12427. pr of 27 driving a 10

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-25 02:38:59 UTC
From: dulmagedon@...
Topic: 12427 Message: 12427

I dont think a 10 can handle the drive of a pair of hot 27s . I think a 27 is electrically close to a 56 and I have played quite a bit with them. The 10 is becoming almost a restriction rather than a boost. Pull one 27 (most PPs you can do that) and see if the behavior is any different. That is what I would try costs nothing and will give you an idea if that is the problem.
I could be wrong but if I had a pair of good working 201As driving something it wouldn't be a 45 (a po-boys #10), it would be a 211. Never had a 10 but a 45 is a low cost alternative not THAT far off in power.

12428. Re: [AWA Group] '27 to '10 MOPA question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-25 02:43:13 UTC
From: mattgoff54@...
Topic: 12422 Message: 12428

Larry,
With the grid attached to nothing the plate current hits 80mA. However, I have managed to notice that at a point on the neutralizing cap it shoots from 70mA to 12mA. About half the condensers range for each condition. At 12mA its oscillating nicely. At 70mA its just making my 210 unhappy.

12429. Re: [AWA Group] '27 to '10 MOPA question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-25 02:44:05 UTC
From: Eric NO3M
Topic: 12422 Message: 12429

If you have access to the QST archives, pull up the following:

Sept 1928 "The Oscillator-Amplifier Transmitter", Hull
Feb 1931 "More Power with Better Frequency Stability", Grammar

I haven't gathered what neutralization method you are using. Hull's final 210/210 circuit uses amp plate to osc tank (grid end) neutralization, Grammar uses the more common split amp tank to amp grid neutralization. I'd recommend the latter, keeps neutralization isolated to the amp circuit. The other method requires re-neutralizing every time you change *any* taps on the oscillator tank. If you're amp tank is currently single ended (one end RF grounded), lift that end of the coil and the capacitor from ground. The capacitor will remain "floating" (still connected to the tank coil in the same way though). Add a grounded tap to the amp coil, anywhere from 25-50% from the formerly grounded end. Connect your neutralizing cap between the formerly grounded end (either at coil or capacitor) and amp grid. See schematics in the above Grammar article, but adjust for parallel feed if that's what you're using.

The coupling cap between osc tank and amp grid should not be that close to the osc coil ground tap. RF voltage close to that tap will be almost nil. Best place for an output tap is usually at the far plate end or at most a couple turns down. If the note is rough, try adjusting the osc ground tap, osc grid leak resistance, and/or osc grid coupling capacitance. Maybe the osc is overdriving the amp?! if the tap needs to be that close to RF ground potential.

As Larry already noted, you need to either key the stages together, or use grid bias voltage on the amp if only keying the oscillator so that amp plate current stays in check. Disconnect or uncouple the antenna. If the amp tank tuning does not produce a setting where platre current is almost nothing, maybe the tank is not resonant...

73 Eric NO3M

On 01/24/2016 04:36 PM, mattgoff54@... [AWAGroup] wrote:
>
> Ok I tried the cap coupling method and the plate current is still the
> same 70mA when keyed. If i pop the grid leak off it goes to 0. Also
> that output tap wants to be where the grid/plate tap is or it makes
> the signal very rough. Dont know if thats normal. My tap is one turn
> to the plate side of center, out of 12 turns total.
>
> Matt
>

>
> ---
>

12430. Re: pr of 27 driving a 10

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-25 02:48:56 UTC
From: mattgoff54@...
Topic: 12427 Message: 12430

Don, interestingly enough I thought the same but since Ive seen articles showing a 10 driving a 10 I thought id try. I actually have the 210 socket sitting on top of the socket for what I had originally been trying to use, a uv203-A.

But I dont think Im close to actually driving an amplifier. Just keying the amp without excitation I either have tons of rf on the amp's coil or its running 70mA and dead.

12431. 80M qso?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-25 02:49:00 UTC
From: Eric NO3M
Topic: 12431 Message: 12431

Anybody up for a quick 80M QSO? Just finished a 10 / 865 MOPA and need
a ceremonial QSO / rpt so I can shelf it for a while :)

Will be calling CQ around 3555 for 10-15 minutes or so.

73 Eric NO3M

12432. Re: 80M qso?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-25 13:28:55 UTC
From: dulmagedon@...
Topic: 12431 Message: 12432

I missed this post last night,Eric but am up for a test anytime you wish. Even this morning.
In my understanding of all this the whole purpose of a Mopa is to allow the oscillator to run with a very light load which keeps changes and heat to a minumum. To have it run more or less as we would have an receiver oscillator run and use the PA side of the mopa to lift the power up to a normal level. Ths eliminates a lot of the chirp issues etc and because the osc section is running very lightly loaded heat in the tube , the resistors and dont for get the tuning coil is minimal and stabilty is improved. Otherwise there is little advantage to the deal because of all we want is power people built crystal controlled single tube 813 rigs in the past that were workable. The fact that we know with a bit of good fortune and careful design we can build a single tube self controlled osc /tx that will have pretty decent performance. Lou's latest TNT is one that comes immediately to mind as it sounds almost "commercial". The last hartley I built a week or so ago and tested is also devoid of any noticable chirp so making it a Mopa would be of no advantage unless I simply wanted to increase power and use it as a stable VFO. Otherwise it holds no magic solution. I have one I built for the 4 tube transceiver that works well. I used basically a rx osc design using 1/2 a 6sl7 and it drives the grid of a 6v6. It is very stable almost to the stage of wondering is it just a fluke. The mopa I just finished I couldn't get it to be have as an ECO as it had a bad chirp no mater what but good power. Now as a mopa it is pretty good however it cwetainly has no more power and truthfully probably a bit less then it did before but I can use it on air without embarrassment. It has enough power to be useful. The subject when applied to our small one tube txs is a bit more complicated in practice then would first appear. However I see you are a builder and waste no time letting the grass grow under your feet so I know you will be fine and will figure it all out to your own satisfaction. My Dad an old time E Eng and former Aircraft Radio designer for Collins told me when he was in his 80s. "Try everything you think of." Best advice he ever gave me.
donVe3LYX

12433. Re: 80M qso?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-25 13:48:16 UTC
From: dulmagedon@...
Topic: 12431 Message: 12433

BTW, I am going down to my vintage shack now. I will be tuned up and listening on 3555 with my No 19 Wireless set so if you happen to see this and can and want to try I will be listening while I work.
donVE3LYX

12434. Re: [AWA Group] '27 to '10 MOPA question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-25 14:01:12 UTC
From: Larry Szendrei
Topic: 12422 Message: 12434

On 1/24/16 9:43 PM, mattgoff54@... [AWAGroup] wrote:
>
> Larry,
> With the grid attached to nothing the plate current hits 80mA.
> However, I have managed to notice that at a point on the neutralizing
> cap it shoots from 70mA to 12mA. About half the condensers range for
> each condition. At 12mA its oscillating nicely. At 70mA its just
> making my 210 unhappy.
>
>
OK. It's expected behavior that the plate current shoots up to the moon with the grid floating. What's not expected is that with RF excitation to the grid, but with no grid leak to complete the circuit to ground (and so develop grid-leak bias) results in no (or low) plate current on the '10. That's got me stumped.

I disagree that a pair of '27s are too much drive for a '10. You need to hit class C triode amplifiers pretty hard with grid drive, and you don't want the oscillator working too hard to do so, or stability will be little better that with the oscillator driving the antenna directly. Many MOPA designs of the time used the same tube (or at least a tube in the same power class) for the MO and the PA.

73/GL,
-Larry/NE1S

12435. Re: [AWA Group] Re: 80M qso?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-25 14:20:33 UTC
From: Eric NO3M
Topic: 12431 Message: 12435

Don

Called CQ on 3555 for about 10 minutes after your post this morning.
About 8W out of rig. Actually made a QSO using it with Matt, KC8ZQS
(re: 27 driving 210 thread), last night and afterward literally
"shelved" the rig to revisit a PP TPTG rig using 45s.

I can fire the 80 mopa up again this evening.

On 01/25/2016 08:48 AM, dulmagedon@... [AWAGroup] wrote:
>
> BTW, I am going down to my vintage shack now. I will be tuned up and
> listening on 3555 with my No 19 Wireless set so if you happen to see
> this and can and want to try I will be listening while I work.
> donVE3LYX
>
>

12436. Re: [AWA Group] Re: 80M qso?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-25 14:55:38 UTC
From: dulmagedon@...
Topic: 12431 Message: 12436

I heard ya. Just Especially when you were sliding into freq.WHOOOOOOOOOOOOOOOOOOOAh! I sent an answer but conditions were ruff. I could just hear you and that was all. Anytime though you want a test (because I know how frustrating it is to be all dressed up with no place to go) I will gladly listen for you or any of us. And it will be no imposition. donVE3LYX

12437. Re: [AWA Group] '27 to '10 MOPA question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-25 17:02:51 UTC
From: Ron Barlow
Topic: 12422 Message: 12437

Hi Matt et all, I haven't read all of the comments, yet, regarding your 210 PA, but before I do, I wanted to very strongly echo Larry's comments on the grid bias situation. At 70 ma. of plate current, you are grossly exceeding the maximum rated plate dissipation, unless the plate voltage is less than ~ 200 volts. In addition, I suspect that the 70 ma figure almost certainly exceeds the max allowable DC plate current, for the 10. The 10 WILL undoubtedly suffer damage or be completely destroyed, if this situation isn't corrected, ASAP!!! (before doing any more testing). I can't quickly find the recommended class "C" data, for the 10 (only class "A" & "B"), and I wanted to send this info asap. That said, a look at the data, for the 10, indicates that a bias of about minus 30 volts of fixed bias is required to hold the plate dissipation, at a safe level, with no excitation applied. The alternatives to supplying the suggested fixed bias (as Larry has previously mentioned), is to key only the amplifier stage, allowing the oscillator to run continuously during transmit periods (turn off B+ to oscillator and PA during receive periods to avoid QRM), or to key both stages simultaneously. GL & 73 de Ron

On Monday, January 25, 2016 9:01 AM, "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

> On 1/24/16 9:43 PM, mattgoff54@... [AWAGroup] wrote:
>
> Larry,
> With the grid attached to nothing the plate current hits 80mA. However, I have managed to notice that at a point on the neutralizing cap it shoots from 70mA to 12mA. About half the condensers range for each condition. At 12mA its oscillating nicely. At 70mA its just making my 210 unhappy.

OK. It's expected behavior that the plate current shoots up to the moon with the grid floating. What's not expected is that with RF excitation to the grid, but with no grid leak to complete the circuit to ground (and so develop grid-leak bias) results in no (or low) plate current on the '10. That's got me stumped.

I disagree that a pair of '27s are too much drive for a '10. You need to hit class C triode amplifiers pretty hard with grid drive, and you don't want the oscillator working too hard to do so, or stability will be little better that with the oscillator driving the antenna directly. Many MOPA designs of the time used the same tube (or at least a tube in the same power class) for the MO and the PA.

73/GL,
-Larry/NE1S

12438. Re: [AWA Group] '27 to '10 MOPA question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-25 18:01:54 UTC
From: mattgoff54@...
Topic: 12422 Message: 12438

Thanks for all the advice guys. Last night after working Eric's MOPA I tried a few things to sort it out with plate supply from my '27 oscillator, at 180v. Kept the tests very very short so hopefully the tube isnt hurt too bad. But I thought Id better be safe so I pulled the 210 socket off and stuck the 203a back in there. With that tube I still saw plate current in the order of 40mA when keyed with 400v and not a fully lit filament (which may be bad practice I dont know. Havent got a good 10v @3.25A).

But I may be getting somewhere...I'm very new to amplifier design so neutralizing procesure was kind of a guess. What I had tried before was to light the PA tube, and with the B+ to ground closed, feed it rf from the osc, and tune the PA tank into resonance while adjusting the neut cap to kill it, tune around and repeat until theres no rf on the tank. Then when I put B+ to it, it oscillated like crazy. So I tried letting it oscillate and adjusting the neut cap until it was killed, tuning the tank cap and repeating, and now I seem to be getting good rf through the amp from my osc. The 203-a draws 20mA keyed and about 40mA with excitation, no anywnna coil in place.

12439. Re: [AWA Group] '27 to '10 MOPA question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-25 18:45:58 UTC
From: Larry Szendrei
Topic: 12422 Message: 12439

On 1/25/16 1:01 PM, mattgoff54@... [AWAGroup] wrote:
>
> Thanks for all the advice guys. Last night after working Eric's MOPA I
> tried a few things to sort it out with plate supply from my '27
> oscillator, at 180v. Kept the tests very very short so hopefully the
> tube isnt hurt too bad. But I thought Id better be safe so I pulled
> the 210 socket off and stuck the 203a back in there. With that tube I
> still saw plate current in the order of 40mA when keyed with 400v and
> not a fully lit filament (which may be bad practice I dont know.
> Havent got a good 10v @3.25A).
>

The recommendation of the tube manufacturers is to run the filament between +/-5% of the nominal voltage. The high end will shorten the life of the tube, and it may increase the life of the tube to run just a bit lower than nominal, with thoriated-tungsten filament tubes like the 10 and 203A. I seem to recall there are failure modes that will shorten the life of the tube when running below that range with plate voltage applied, though - definitely with oxide-coated and indirectly-headed cathodes, but with thoriated-tungsten as well.

>
> But I may be getting somewhere...I'm very new to amplifier design so
> neutralizing procesure was kind of a guess. What I had tried before
> was to light the PA tube, and with the B+ to ground closed, feed it rf
> from the osc, and tune the PA tank into resonance while adjusting the
> neut cap to kill it, tune around and repeat until theres no rf on the
> tank. Then when I put B+ to it, it oscillated like crazy. So I tried
> letting it oscillate and adjusting the neut cap until it was killed,
> tuning the tank cap and repeating, and now I seem to be getting good
> rf through the amp from my osc. The 203-a draws 20mA keyed and about
> 40mA with excitation, no anywnna coil in place.
>
>
>
The 203A, being a higher-mu tube than the '10, will not run as "hot" under zero-bias conditions, all else being equal.

It sounds like you're making progress. I would have started with the neutralization exactly the way you did, but I remember reading in the period literature (MOPA lore) that the final adjustment needs to be performed with the PA operating.

73,
-Larry/NE1S

12440. Re: pr of 27 driving a 10

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-25 18:57:18 UTC
From: JAMES HANLON
Topic: 12427 Message: 12440
Attachments: 5 described; binary payloads are missing from this source WARC

Matt,

I've been following the thread of advice you've been getting on your MOPA, and I'm attaching to this message a scanned copy of an article I wrote for Electric Radio Magazine, # 265, June 2011, pages 9 to 21, "Tinkering with a 1929 MOPA." I started off recreating as best I could the MOPA described by Ross Hull in QST, September 1928, "The Oscillator-Amplifier Transmitter." As described in my article I found it to be a pretty poor performer. The amplifier, even with 45 volts of battery bias as Hull designed it, was working more in Class AB2 than in Class C, and its output at the 10 watt input level specified by the AWA for the Bruce Kelley contest was only 2 watts on 40 and zero watts on 80! I made some improvements on the final amplifier bias scheme and tank circuit, among other things, and eventually got the amplifier into a Class C mode with efficiency in the 57% to 65% range. You can read the story for yourself, and it may give you a few ideas for working on your rig.

Best of luck!

Jim Hanlon, W8KGI

12441. Re: [AWA Group] '27 to '10 MOPA question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-25 19:26:22 UTC
From: Steve
Topic: 12422 Message: 12441

Matt ... before you get too far along, you must be sure that the amplifier is unconditionally stable. It should not oscillate on its own under any conditions. If it is, you may need to look at your parts placement and lead dress, bypass caps etc. Is it possible for you to post a picture?

As I mentioned earlier, these things take a surprising amount of drive so it's unlikley that you are over-driving it. I found that the top of the oscillator tank gave me max drive and my '10 needed it all.

My approach was to get the oscillator keying as cleanly as possible and then feed the amplifier. Any improvements in keying from that point, were adjustments in the amplifier....plate tank tap and the grid leak.

I used a 50pf for neutralizing and found that it required about 20pf only with a fairly sharp 'sweet spot'. I didn't find any difference in the neutralizing setting between no B+ and full B+.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

12442. Re: [AWA Group] '27 to '10 MOPA question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-25 19:49:15 UTC
From: Ron Barlow
Topic: 12422 Message: 12442

Hi Matt, I did a bit of research, and learned that 70 ma is probably not a sure fire, quick death level, for the 10, although it does slightly exceed the "typical operation" level (60 ma) that appears in the 1936 ARRL handbook. I erroneously believed that the limit was ~ 50 ma.--my error.
 However, the max plate dissipation rating (15 watts, as per info in the 36 HB), is being exceeded, if the 70 ma of plate current is occurring at a plate voltage much higher than 200 volts, when no RF output is being delivered to a load. A series string of 9 volt batteries (2 for 1$ at Dollar Tree stores) will provide a suitable fixed bias source. Excessive plate dissipation can damage a tube, if sustained for any substantial length of time. Your neutralization procedure sounds ok EXCEPT for the B+ to ground part, which can upset the apple cart. To achieve accurate neutralization, the B+ lead should be disconnected and remain an open circuit, for this procedure. Be certain to keep the grid and plate circuit tanks in resonance. There will be some interaction between the tuning of these tank ckts, and the neutralization adjustment. Plate neutralization is more satisfactory than grid neutralization, especially when grid current is being drawn, as is the case for class AB2, B, or C operation
 IIRC, the permissible tolerance for filament voltage, for a thoriated tungsten type filament, such as the 203 has, is + or -   5% . Operating the filament outside of this range is a sure fire recipe for disaster, according to my reading. (no personal experience--I took their word for it!). You could use commonly available 12 volt xfmr (or 2 series connected 6 volt xfmrs). with a resistor added, in series with the primary (or secondary) winding, to drop the voltage output to 10 volts, for the 203. This method will also provide an automatic soft start function, for the filament.
73 & GL de Ron

On Monday, January 25, 2016 1:01 PM, "mattgoff54@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  Thanks for all the advice guys. Last night after working Eric's MOPA I tried a few things to sort it out with plate supply from my '27 oscillator, at 180v. Kept the tests very very short so hopefully the tube isnt hurt too bad. But I thought Id better be safe so I pulled the 210 socket off and stuck the 203a back in there. With that tube I still saw plate current in the order of 40mA when keyed with 400v and not a fully lit filament (which may be bad practice I dont know. Havent got a good 10v @3.25A).

But I may be getting somewhere...I'm very new to amplifier design so neutralizing procesure was kind of a guess. What I had tried before was to light the PA tube, and with the B+ to ground closed, feed it rf from the osc, and tune the PA tank into resonance while adjusting the neut cap to kill it, tune around and repeat until theres no rf on the tank. Then when I put B+ to it, it oscillated like crazy. So I tried letting it oscillate and adjusting the neut cap until it was killed, tuning the tank cap and repeating, and now I seem to be getting good rf through the amp from my osc. The 203-a draws 20mA keyed and about 40mA with excitation, no anywnna coil in place.

12443. Re: [AWA Group] Re: pr of 27 driving a 10 [7 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-25 20:14:29 UTC
From: Louis Vermond
Topic: 12443 Message: 12443

Thanks Jim, looks very helpful. 73, Lou

Matt,

I've been following the thread of advice you've been getting on your MOPA, and I'm attaching to this message a scanned copy of an article I wrote for Electric Radio Magazine, # 265, June 2011, pages 9 to 21, "Tinkering with a 1929 MOPA." I started off recreating as best I could the MOPA described by Ross Hull in QST, September 1928, "The Oscillator-Amplifier Transmitter." As described in my article I found it to be a pretty poor performer. The amplifier, even with 45 volts of battery bias as Hull designed it, was working more in Class AB2 than in Class C, and its output at the 10 watt input level specified by the AWA for the Bruce Kelley contest was only 2 watts on 40 and zero watts on 80! I made some improvements on the final amplifier bias scheme and tank circuit, among other things, and eventually got the amplifier into a Class C mode with efficiency in the 57% to 65% range. You can read the story for yourself, and it may give you a few ideas for working on your rig.

Best of luck!

Jim Hanlon, W8KGI

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12444. Re: [AWA Group] '27 to '10 MOPA question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-25 21:07:14 UTC
From: mattgoff54@...
Topic: 12422 Message: 12444

Thanks Jim for the article. I printed it out and will give it a read, looks very interesting.

I dont have access to the full QST library, just the vintage hard copies I have. The design Im using comes from an article by Grammer in QST August 1931, "Adding an Amplifier to the Low-Power Transmitter." I will post a picture as soon as I figure out how to attach one in this thread.

I will go back through and recheck my neutralizing with the B+ open to make sure the PA isnt oscillating. Who knows maybe today it will be hi-hi.

Though I guess trial error will tell Im not yet sure if im better off using the 210 or the 203a. But the latter does look impressive if nothing else.
I do need to get the bias figured out so I dont have to mess with keying everything at once. And a good filament supply sounds like a must. I tell you, the 210 and, even more, the UV202 are rather bright with even 7v to them, let alone 7.5. Normal? Kind of scary, I dont want to have to replace them.

12445. Re: [AWA Group] '27 to '10 MOPA question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-25 22:44:20 UTC
From: dulmagedon@...
Topic: 12422 Message: 12445

I read the whole thing. Very interesting. There is an assumption that everything done back in the day in a magazine was the pinnacle of perfection. Not always so.
We would do well to remember that. A couple of things I do not understand . One is the obsession with no 10 tubes. As good as they are they are not the only tube to use nor do they posses any "magic "qualities. The other is the assumption that only voltage that shows up on a DC voltmeter is affecting the grid and it relationship.
Also one should remind us that digital Multimeters around RF fields such as we see in our self controlled osc are not capable of meaningful readings. .

12446. eBay Alerts

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-26 01:17:34 UTC
From: Louis Vermond
Topic: 9774 Message: 12446

http://www.ebay.com/itm/Old-National-Company-Velvet-vernier-tuner-/301855686154?hash=item4648003e0a:g:jhkAAOSwFqJWpBjI

http://www.ebay.com/itm/unknow-plugin-coils-for-amateur-radio-or-shortwave-/301855547217?hash=item4647fe1f51:g:ApYAAOSwL7VWo~h1

HB after the Areo fashion

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https://www.avast.com/antivirus

12447. Grab ur Popcorn (and your pencil)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-26 04:14:23 UTC
From: dulmagedon@...
Topic: 12447 Message: 12447

MGM 1939 film: Radio Hams / More than a Hobby https://www.youtube.com/watch?v=bZi7LiPNMt8

https://www.youtube.com/watch?v=bZi7LiPNMt8

MGM 1939 film: Radio Hams / More than a Hobby https://www.youtube.com/watch?v=bZi7LiPNMt8
A mildly entertaining look at radio hams, those amateurs sending and receiving coded messages during the late thirties when films first dealt with the subjec...

View on www.youtube.com https://www.youtube.com/watch?v=bZi7LiPNMt8
Preview by Yahoo

12448. Ebay headsup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-26 17:31:24 UTC
From: dulmagedon@...
Topic: 12448 Message: 12448

http://www.ebay.ca/itm/WIRELESS-19-SET-MKIII-TRANSCEIVER-AND-VARIOMETER-/262259010302?hash=item3d0fdaeafe:g:5zkAAOSwoydWpmCN http://www.ebay.ca/itm/WIRELESS-19-SET-MKIII-TRANSCEIVER-AND-VARIOMETER-/262259010302?hash=item3d0fdaeafe:g:5zkAAOSwoydWpmCN

My friend Ken VE3GEM just gave me a heads up on this one. I already have two of them and so will exercise a bit of self discipline however this is an operational station on 12 volts for 80M and 40M and will sneak into the top half of 160M as well. I use mine all the time including some during the LC event. With a very slight no soldering mod it becomes a very practical daily set. In fact I am selling my DX60B and HR10B which it as completely replaced. (so if you know anyone looking , before I list them publicly contact me). This is a Mk111, last production. PSU is 12 volt dynamotor and the control box is also there as well as a 8ft whip antenna tuner.(variometer) He has other stuff listed and I am after the proper CW key just so U all know.

Anyway. maybe there is no interest however I use mine every single day. and my spare is awaiting its turn perhaps. Mine is a MKII. This is a Canadian version which is slightly different but not significantly from the British sets. They were Armoured Vehicle radios here .
donVe3LYX

12449. Memorandum on Significant Dates in Connection with Development of Radiotron Transmitting Tubes Up To the Year 1933

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-26 22:46:36 UTC
From: Louis Vermond
Topic: 12449 Message: 12449
Attachments: 1 described; binary payloads are missing from this source WARC

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https://www.avast.com/antivirus

12450. Herman Munster as a ham

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-27 13:05:17 UTC
From: dulmagedon@...
Topic: 12450 Message: 12450

https://search.yahoo.com/yhs/search?p=youtube+ham+radio+film&ei=UTF-8&hspart=mozilla&hsimp=yhs-003 https://search.yahoo.com/yhs/search?p=youtube+ham+radio+film&ei=UTF-8&hspart=mozilla&hsimp=yhs-003

I want that microphone!

donVe3LYX

12451. QRV 80m tonight...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-27 22:01:07 UTC
From: N1BUG
Topic: 12451 Message: 12451

How long does it take a BUG to build a simple keyer? Apparently, about six weeks! Too much other stuff to do...

Anyway, I plan to be on this evening, 3565 plus or minus, probably on the top of the hour at 7 and/or 8 pm eastern (0000, 0100z). This is a test of the new HV keyer before I pull the power supply for modifications. If anyone has the ability to make a recording of my signal, I would like to hear it. I am also playing around with higher voltage and lighter antenna coupling. At the moment, the rig is sounding a little more whoopy-warbly than usual. :-) I have no idea why. It has different moods...

Paul / Bugsy

--
Paul, N1BUG ME - Piscataquis - FN55mf
160-6m QRO CW - DX - Contesting
147.105 Repeater serving the Maine Highlands
444.950 Repeater, echolink node 444950

12452. Re: [AWA Group] QRV 80m tonight...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-27 22:08:38 UTC
From: Louis Vermond
Topic: 12451 Message: 12452

I am also playing around with higher voltage ... Careful

No recording, but will be on hand. Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12453. Re: [AWA Group] QRV 80m tonight...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-28 01:40:25 UTC
From: N1BUG
Topic: 12451 Message: 12453

I would like to thank those who took the time to listen. No QSOs tonight but the keyer seems to be working fine with the TNT. The rig is back in its usual resting spot until December. I will see you all in the next running of the BK! :)

73,
Paul

--
Paul, N1BUG ME - Piscataquis - FN55mf
160-6m QRO CW - DX - Contesting
147.105 Repeater serving the Maine Highlands
444.950 Repeater, echolink node 444950

12454. Re: [AWA Group] QRV 80m tonight...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-28 03:17:24 UTC
From: Don Dulmage
Topic: 12451 Message: 12454

I was out till 830 but switched on the rx as soon as I got home , thought I heard an old rig tuning but then nothing. I went downstairs to vintage shack and fired up the breadboard on 3564kcs (rockbound) and using the vibroplex called CQ . Not much going on. Mornings on 80M are often pretty good. Usually hangs in till about 9 am. I can listen probably from 830 to 9 am if you would like and it works for you. DonVE3LYX

On Wed, 1/27/16, N1BUG paul@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] QRV 80m tonight...
To: AWAGroup@yahoogroups.com
Received: Wednesday, January 27, 2016, 8:40 PM

I would like to thank those who took the time to
listen. No QSOs

tonight but the keyer seems to be working fine with the TNT.
The rig

is back in its usual resting spot until December. I will see
you all

in the next running of the BK! :)

73,

Paul

--

Paul, N1BUG ME - Piscataquis - FN55mf

160-6m QRO CW - DX - Contesting

147.105 Repeater serving the Maine Highlands

444.950 Repeater, echolink node 444950

12455. Re: [AWA Group] '27 to '10 MOPA question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-28 03:34:30 UTC
From: mattgoff54@...
Topic: 12422 Message: 12455

Jim that is an interesting article. Obviously these rigs arent always and werent always great performers, but admittedly I hadnt given much thought to the possibility that not all the designs described in the various articles were the best by even the contemporary standards. I also hadnt really thought about making my MOPA efficient enough for the low input levels required for the BK.. Which brings me to a question, which might be a silly one. How does one calculate the input power for multiple tubes, such as in a mopa or my parallel Hartley?

That article also made me think about my bias so I tried an external bias of various voltages. It does help to ensure the grid is indeed getting a *negative* bias. The C bias on my heath supply is sketchy and wants to fluctuate so Im working out options. 9v batteries may be the way to go.

In playing with this thing the last few days Ive noticed a few things. One is that the hartley really doesnt like losing its antenna coil. Even with the coil swung full away and the antenna switched to another rig at the coax box its providing some kind of counterpoise effect or some such thing. Removing the antenna leads even when swung away causes the sig to go rough. Things get worse when tapping the osc tank for the amp. If i purposely make the amp oscillate by itself the signal it produces is clean. Neutralized and excited by the oscillator the signal is somewhat garbage. And by garbage/rough I mean the wave has two tones and listening on AM its rather buzzy.

12456. Re: [AWA Group] '27 to '10 MOPA question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-28 12:11:42 UTC
From: dulmagedon@...
Topic: 12422 Message: 12456

I thought about trying a totally different approach to the problem.
Make a single triode oscillator and get it running well. Then make a double 10 (or 45) amp parrallel or pp as you desire. Make sure it is stable then connect the two with a two turn loop to a 2 turn loop and try that. For my old rigs as per your coax related experiments I use lamp cord (75 ohms approx) and always have at least 4 feet of it connected to my rigs. It really helps even with single wire antennas. If you worked me on 40M in Linc Cundall you worked that for sure. I have been where you are with all those difficulties BTW and slowly worked my way through it. Although not with a 27 10 deal but I understand first hand what you have said. If one hasn't been there themselves then it probably doesn't make much sense. Not as easy as it is thought to be. Talk is cheap. Experience is sometimes painful but good. Keep at it. You'll get it good. Many times I felt like chucking the whole deal but eventually got it done. I set it aside several times. Still have another one I built to sort out. (6bl7 mopa) The concept may be slightly overated. There is an article in a 1929 QST called Poormans Mopa which is really not about a mopa but deals with all these problems which I found very helpful in my case.
donVe3LYX

12457. Re: '27 to '10 MOPA Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-28 20:01:02 UTC
From: JAMES HANLON
Topic: 12457 Message: 12457

Matt,

I'm glad you found the article interesting. My feeling, after I got through playing with Ross Hull's 1928 MOPA, was that the "PA" was operating more as an isolation stage than as a "power amplifier." It probably made the signal a bit better, but not louder.

As to your power calculation question, we always calculate the "power input" to the output stage of a transmitter. In the case of a single or multiple tube Oscillator transmitter, like my UX-210 Hartley or your stand-alone Hartley with a pair of 27s, the power would be the product of the key-down plate voltage and plate current. In the case of your MOPA, it would be the product of the key-down plate voltage and plate current to just the final amplifier stage, regardless of how many tubes that stage is using.

As to bias, as you found in the article, I'm using a combination of 45 volts fixed, battery-bias, and grid-leak bias derived from the Class C amplifier's grid current flowing through the grid leak resistor. The battery bias is enough to keep the 10 from running excessive plate current with no drive applied from the oscillator. The additional grid-leak bias gets the tube into the desired Class C operating range. For what it's worth, my 1931 ARRL Handbook lists the following operating conditions for a '10: Class A audio frequency amplifier, Plate Voltage 425, Plate Current 18 ma, Grid Bias - 39 volts: Class B RF power amplifier, particularly as a linear amplifier for modulated radio frequency, Plate Voltage 350 volts, Plate Current 30 ma, Grid Bias - 50 volts; Class C Oscillator or modulated RF power amplifier, Plate Voltage 350 volts, Plate Current 60 ma, Grid Bias - 100 volts. So my 45 volts bias is just a little shy of the -50 volts recommended for Class B operation. Usually Class B stages are biased just at the point where the plate current is cut off; they conduct on one half of the grid-drive cycle and are in cut-off on the other half of the cycle. I'll also note that the three rigs shown in the 1931 Handbook using a 10, a TNT oscillator, a Hartley oscillator, and the two-tube, 10 Hartley oscillator, 10 amplifier MOPA, all specify 500 volts despite the 350 volt rating they give the tube earlier.

My 1952 ARRL Handbook has the following ratings for a 10Y: Class C Amplifier - Oscillator, Plate Voltage 450 volts, Plate Current 65 ma, Grid Voltage - 100 volts, DC grid current 15 ma, Grid driving power 3.2 watts, Power Output 19 watts; Class C Amplifier (telephony), Plate Voltage 350 volts, Plate Current 50 ma, Grid Voltage -100 volts, DC grid current 12 ma, Grid driving power 2.2 watts, Power Output 12 watts.

As to your experience with buzzy, two-tone, and rough signals, I'll have to defer to some of the other folks on this list who have more hands-on experience with these rigs than I do. The stand-alone Hartley might be coupling some RF into its power line feed, either through the filament or plate circuits, which would cause the rough note. The two-tone note in the MOPA might also be due to some unwanted coupling. I think that's part of the reason why Ross Hull found it better to shield the oscillator in a kitchen kettle. If you have an oscilloscope you might want to look at the waveform of the oscillator plate signal when the MOPA is buzzing. It might give you some clue as to what is going on, or it might just confuse things since the oscillator and amplifier are probably pretty tightly coupled anyway.

Have fun!

Jim, W8KGI

12458. MRHS Mini Night of Nighst / 600 Meters in 1972/74

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-28 20:09:11 UTC
From: Bill Stewart
Topic: 12458 Message: 12458

Pse check these recordings of QRM, '20ish sounding notes, etc on the 600 meter coastal freqs from early 1970s.....comparatively high tech days over the early sigs and equipment. Sounds like a BK on steroids. These sigs were received in Europe. Numerous other recordings of coastal stations are at the Maritime Radio Historical Society web site. Also, be aware, the MRHS is having another Mini Night of Nights with activity concentrated on MF freqs of 426 and 500 kc. US and Canadian Amateur MF stations will also be active. Listen for KSM on these and other HF coastal freqs. (See web page for freq list).

http://radiomarine.org/audio/list?panel=pab1_13#pab1_13

Link to the Announcement of the MRHS Mini Night of Nights and Newsletter:

http://campaign.r20.constantcontact.com/render?ca=9a7c8d0d-9989-495c-943b-765f413b516e&c=87e94620-790b-11e3-93dd-d4ae5292c4bc&ch=88dd6a20-790b-11e3-9409-d4ae5292c4bc

Its real neat to use the 'ear filters' and copy down some of the calls.

73 de Bill K4JYS

12459. Re: '27 to '10 MOPA Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-28 20:39:06 UTC
From: dulmagedon@...
Topic: 12457 Message: 12459

1929 QST has a 10 /203 rig. (which I would probably fudge to a 45/ 211 to fit my junk box)
Article is called "Crystal Note Without a Crystal" january 1929 page 17.
donVe3LYX
As for osc /amp crosstalk in a mopa. I reversed the tank cap leads on one of the tanks. Reduced the cap feeding the amp grid. Installed a serious RFC in the B+ to the osc as well as the one to the B+ in the Amp and eventually I got rid of it. It was not easy. They should probably be shielded , both osc and Pa or else far apart. It is I think exactly what you surmise it is. two signals. I came to the same conclusion.

12460. eBay Alert One hour to go...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-28 23:15:22 UTC
From: Louis Vermond
Topic: 12460 Message: 12460

http://www.ebay.ca/itm/CUNNINGHAM-CX-310-TUBE-Amplifier-Tube-Vacuum-Tube-/201510033043?hash=item2eeaef1693:g:AYIAAOSwqYBWpCKp&autorefresh=true

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https://www.avast.com/antivirus

12461. Re: [AWA Group] '27 to '10 MOPA question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-29 06:26:42 UTC
From: Ron Barlow
Topic: 12422 Message: 12461

Hi Matt, The input power is calculated by multiplying the final amplifier plate current (total for all tubes if there are multiple tubes in power amplifier stage), in amperes, by the plate voltage. If I understand correctly, your grid bias voltage is probably increasing when drive is applied. To prevent this, you must use a bias supply that can "sink" current. Otherwise, the flow of grid current will cause this phenomena. The easiest way to do that, if being period correct is important, is to use battery bias. A common cause rough signal, with a Hartley, etc. oscillator, is excessive feedback. In the case of a Hartley, the amount of feedback is established by changing the position of the cathode tap, on the oscillator tank coil. GL & 73 de Ron n4v

On Thursday, January 28, 2016 7:11 AM, "dulmagedon@yahoo.ca [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

I thought about trying a totally different approach to the problem.
Make a single triode oscillator and get it running well. Then make a double 10 (or 45) amp parrallel or pp as you desire. Make sure it is stable then connect the two with a two turn loop to a 2 turn loop and try that. For my old rigs as per your coax related experiments I use lamp cord (75 ohms approx) and always have at least 4 feet of it connected to my rigs. It really helps even with single wire antennas. If you worked me on 40M in Linc Cundall you worked that for sure. I have been where you are with all those difficulties BTW and slowly worked my way through it. Although not with a 27 10 deal but I understand first hand what you have said. If one hasn't been there themselves then it probably doesn't make much sense. Not as easy as it is thought to be. Talk is cheap. Experience is sometimes painful but good. Keep at it. You'll get it good. Many times I felt like chucking the whole deal but eventually got it done. I set it aside several times. Still have another one I built to sort out. (6bl7 mopa) The concept may be slightly overated. There is an article in a 1929 QST called Poormans Mopa which is really not about a mopa but deals with all these problems which I found very helpful in my case.
donVe3LYX

12462. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-29 16:34:37 UTC
From: Louis Vermond
Topic: 130 Message: 12462

http://www.ebay.ca/itm/Lot-of-30-dial-knobs-metal-plates-tube-ham-military-radio-parts-bakelite-/391371518478?hash=item5b1f8f720e:g:4qcAAOSwUV9WpR-l

The Na-Ald is a peach...

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https://www.avast.com/antivirus

12463. Buss wire??

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-29 18:21:34 UTC
From: Louis Vermond
Topic: 12463 Message: 12463

Which old radio supply company supplies buss wire? Tks, Lou

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12464. RE: [AWA Group] Buss wire??

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-29 18:25:24 UTC
From: Mike Feher
Topic: 12463 Message: 12464

Round or square? Round you can buy from any distributor. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, January 29, 2016 1:22 PM
To: AWAGroup
Subject: [AWA Group] Buss wire??

Which old radio supply company supplies buss wire? Tks, Lou

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www.avast.com <https://www.avast.com/antivirus>

12465. Re: [AWA Group] Buss wire??

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-29 18:34:06 UTC
From: Steve
Topic: 12463 Message: 12465

http://www.radiodaze.com/buss/

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

12466. Re: [AWA Group] Buss wire??

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-29 18:37:41 UTC
From: Jon Delventhal
Topic: 12463 Message: 12466

Here is the square stuff:Wire - Square Bus, .064" Diameter, per 10 ft

| |
| | | | | | | |
| Wire - Square Bus, .064" Diameter, per 10 ft#12 AWG square tinned copper. Sold in 10 foot lengths. 105°C temperature rating, 600V. |
| |
| View on www.tubesandmore... | Preview by Yahoo |
| |
| |

From: "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup <AWAGroup@yahoogroups.com>
Sent: Friday, January 29, 2016 12:21 PM
Subject: [AWA Group] Buss wire??

Which old radio supply company supplies buss wire? Tks, Lou

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www.avast.com |

12467. Re: [AWA Group] Buss wire??

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-29 18:46:18 UTC
From: Louis Vermond
Topic: 12463 Message: 12467

Round or square? 73 - Mike Oops...Square.

http://www.radiodaze.com/buss/ Tks Steve.

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https://www.avast.com/antivirus

12468. Re: [AWA Group] Buss wire??

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-29 18:51:24 UTC
From: Louis Vermond
Topic: 12463 Message: 12468

That's the one! Tks, Jon.

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https://www.avast.com/antivirus

12469. Antenna project

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-30 20:04:33 UTC
From: dulmagedon@...
Topic: 12469 Message: 12469

like the new picture.

I have been working on a new antenna. Inspired by Neil's vertical. I bought the fiberglass tent pole sections

and made sure they were the ring re-enforced as he said. I fastened them altogether with fiberglass resin. I had 22 feet in total. I then machined a chunk of hardwood dowel to fit in the top end and purchased a 11 meter marine style fiberglass whip. I bored a hole in the top of the hardwood dowel and inserted the marine whip (8 footer spiral wrapped) I soldered a wire to the fiber whips wire then spiral wound it down the 22 foot pole stopping about shoulder height for me to make a tappable loading coil. I ran out of wire for now and so will continue next week. I will paint the finished deal with resin to keeperfromfloppen. I have used a 20M vertical here for years (25 or so) with very good results and built it what I call Marconi style with a metal stub driven straight down directly under the antenna and connected to coax braid. If this one works as well as the 20m I will be fine. I can talk anywhere in the world on it and have, on my TS830S barefoot. In decent conditions of course but have busted more then a few pileups with it so have high hopes for this vertical. It should be good on 80M (loading coil in) and good on 40m loading coil out. Might need some rubbing to get it where I want but I am hopeful.
It is very light. I have the spot picked out and the metal ground stake installed. It will be guyed to nearby cedar trees. I am hoping it will replace my 40/80 inverted Vee for studio A (upstairs)

donVe3LYX

12470. Re: [AWA Group] Antenna project

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-30 20:45:28 UTC
From: Larry Szendrei
Topic: 12469 Message: 12470

On 1/30/16 3:04 PM, dulmagedon@... [AWAGroup] wrote:
> It is very light. I have the spot picked out and the metal ground
> stake installed. It will be guyed to nearby cedar trees. I am hoping
> it will replace my 40/80 inverted Vee for studio A (upstairs)

You may also want to keep the inverted V. It will be better for working closer stations (like me, for example), while the vertical, because of the lower takeoff angle, will be better for stations farther away.

73,
-Larry/NE1S

12471. Re: [AWA Group] Antenna project

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-30 21:11:25 UTC
From: dulmagedon@...
Topic: 12469 Message: 12471

Not to worry, The Longwire is my NE1S connection. :>) The inverted Vee is being overrun by the trees and the grapevines. Since I fractured my spine I can no longer service it (XYL has forbidden trips to the roof as I wouldn't survive any kind of a fall now) so its time is near as it is in real poor shape.
donVE3LYX

12472. For Sale: Original early 1930's HB Receiver and Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-30 21:48:34 UTC
From: Whitebear1122
Topic: 12472 Message: 12472

I am selling my early 1930’s 80 meter cw station. I bought this from a fellow who got it from the estate of the OT who built it back in the early 1930’s. I’ve probably had it for 15 years. I looked that transmitter and receiver over from top to bottom hoping to find the OT’s call sign written in there. I couldn’t find it. Maybe you can. I planned to restore it and put it on the air but I never got around to it. I know there is real 1930’s electrons stuck in the tubes and wiring. The transmitter uses a nice big fat crystal so I know it was early 30’s. The OT’s receiver I believe is the ARRL Rationalized Autodyne by George Grammar, and that came out in QST January 1933 so I’m thinking 1933 to 1934. The set up is for 80 meters. I put pictures of the transmitter and receiver up on photobucket.com at this location: http://s1140.photobucket.com/user/651daisy/library/1930s CW Station <http://s1140.photobucket.com/user/651daisy/library/1930s%20CW%20Station> for your viewing

This album shows several pictures of the receiver and the transmitter.

On the transmitter, the plastic supports for the 80 meter coil long ago disintegrated. The transmitter came to me with the coil laying flat on the transmitter because the plastic supports disintegrated and the coil just laid down as it sat on the OT”s shelf forever. I bagged up the coil in a Baggie because it can be easily restored. The coils are plug in coils so I imagine this transmitter can be made to work on 160m and 40 meters as well. Just a guess.

The receiver has a snazzy National teardrop style vernier dial on the front. It has two Hammarund ceramic plug in coils marked 3500 on them.

I don’t know anything else about them. They’ve been sitting on my shelf for years. They would be fabulous to restore and put on the air if you want. If not, they have a lot of original 1930’s vintage parts in them if you decide to build your own transmitter and receiver. A lot of these parts are “unobtainium” these days

Asking $200 for the pair plus shipping. Thanks, 73, Scott WA9WFA

12473. For Sale: Rationalized Autodyne Regenerative Receiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-30 22:10:34 UTC
From: Whitebear1122
Topic: 12473 Message: 12473

Seeing what I believe is a Rationalized Autodyne regenerative receiver from QST January 1933. It is built in a nice wrinkle finish cabinet with lid. It uses a National SW-5 style dial and bezel. There is some damage to the dial plastic. It looks like the OT put it too close to the audio tube and it did a little melting of the dial material. Bet that really irritated him :) That’s what he gets for putting a hot tube that close to the dial :)

I bought this maybe 10 years ago with the plan to strip it for parts and build my own Rationalized Autodyne but I never got around to it. I put photos of it up on photo bucket.com here:

http://s1140.photobucket.com/user/651daisy/library/Rationalized Autodyne Regen Receiver <http://s1140.photobucket.com/user/651daisy/library/Rationalized%20Autodyne%20Regen%20Receiver>

Asking $125 plus shipping. Thanks. 73, Scott WA9WFA

12474. Re: [AWA Group] For Sale: Rationalized Autodyne Regenerative Receiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-01-31 20:32:10 UTC
From: Roger Kuchera
Topic: 12473 Message: 12474

Hi again, The coils shown are they the only ones for this RX? This one needs a lot of work. What audio tubedid he use? A 56 shouldn't get that hot.
Roger/K1TG

On Saturday, January 30, 2016 5:10 PM, "Whitebear1122 whitebear1122@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv8532408214 #yiv8532408214 .yiv8532408214ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv8532408214 div.yiv8532408214ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv8532408214 div.yiv8532408214photo-title a, #yiv8532408214 div.yiv8532408214photo-title a:active, #yiv8532408214 div.yiv8532408214photo-title a:hover, #yiv8532408214 div.yiv8532408214photo-title a:visited {text-decoration:none;}#yiv8532408214 div.yiv8532408214attach-table div.yiv8532408214attach-row {clear:both;}#yiv8532408214 div.yiv8532408214attach-table div.yiv8532408214attach-row div {float:left;}#yiv8532408214 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv8532408214 div.yiv8532408214ygrp-file {width:30px;}#yiv8532408214 div.yiv8532408214attach-table div.yiv8532408214attach-row div div a {text-decoration:none;}#yiv8532408214 div.yiv8532408214attach-table div.yiv8532408214attach-row div div span {font-weight:normal;}#yiv8532408214 div.yiv8532408214ygrp-file-title {font-weight:bold;}#yiv8532408214 -->

Seeing what I believe is a Rationalized Autodyne regenerative receiver from QST January 1933. It is built in a nice wrinkle finish cabinet with lid. It uses a National SW-5 style dial and bezel. There is some damage to the dial plastic. It looks like the OT put it too close to the audio tube and it did a little melting of the dial material. Bet that really irritated him :) That’s what he gets for putting a hot tube that close to the dial :)
I bought this maybe 10 years ago with the plan to strip it for parts and build my own Rationalized Autodyne but I never got around to it. I put photos of it up on photo bucket.com here:
http://s1140.photobucket.com/user/651daisy/library/Rationalized%20Autodyne%20Regen%20Receiver

Asking $125 plus shipping. Thanks. 73, Scott WA9WFA

12475. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-01 19:50:36 UTC
From: Niel - W0VLZ
Topic: 130 Message: 12475

Here's one of the caps needed for Ross Hull's 1928 Hartley:
http://www.ebay.com/itm/National-Type-DX-Air-Variable-Capacitor-20-495pF-/262261585973?hash=item3d10023835:g:DTQAAOSwpzdWqETJ

Niel

12476. eBay Alert See condx

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-02 01:16:12 UTC
From: Louis Vermond
Topic: 12476 Message: 12476

http://www.ebay.com/itm/AMECO-Transmitter-Model-AC-1-/191795958920?

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https://www.avast.com/antivirus

12477. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-02 05:29:17 UTC
From: Louis Vermond
Topic: 130 Message: 12477

http://www.ebay.ca/itm/4-Pin-Plug-in-Coil-Form-NOS-/121882665372?&_trksid=p2056016.l4276

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12478. Filters and other Q's

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-02 16:19:20 UTC
From: mattgoff54@...
Topic: 12478 Message: 12478

I really need to stop lookin at the ebay alerts. Anyway, In my quest for MOPA satisfaction Ive been reading a lot of material, and Ive noticed that all these power supplies in the old articles are running 20-30H filter chokes. Those who build their own PS with tube rectification, is 20 or 30 henries really make a difference compared to the 7H 300mA choke Im using? My PS is a Thordarson 700v ct at 70mA, an 80 tube, 7H choke, and two 7.5mf 1400vdc rated aerovox cans after the choke. Final output is 500v. Running the 203a on this and my MOPA chirps and drifts and sounds positively awful. 180v shared from the heath supply and its absolutely fine. Just wondering if im shooting myself in the foot with that power supply.

12479. Re: [AWA Group] Filters and other Q's

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-02 16:50:04 UTC
From: Jon Delventhal
Topic: 12478 Message: 12479

Matt,
1920s chokes were rated using a nominal system. A "30H" choke is actually more like 10-15 henries rated by the modern system.
Chirping is often the result of unstable voltage during keying. Because you are using a choke input filter in your power supply, you must have a bleeder resistor or some other means of establishing a specific minimum current draw from the power supply during key-up conditions. This is to prevent the key-up DC output voltage from soaring to the transformer peak secondary voltage.
The magnitude of this minimum current is determined by the inductance of the input choke.The following formula can be used to determine this current:I = E/(L*1.131)
where I is current in milliamps, E is voltage in volts, and L is inductance in henries.

There are chokes available called swinging chokes which are designed to have a high inductance at low currents in order to reduce the amount of power wasted in the bleeder resister for a given physical sizer of choke.

Jon

From: "mattgoff54@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, February 2, 2016 10:19 AM
Subject: [AWA Group] Filters and other Q's

I really need to stop lookin at the ebay alerts. Anyway, In my quest for MOPA satisfaction Ive been reading a lot of material, and Ive noticed that all these power supplies in the old articles are running 20-30H filter chokes. Those who build their own PS with tube rectification, is 20 or 30 henries really make a difference compared to the 7H 300mA choke Im using? My PS is a Thordarson 700v ct at 70mA, an 80 tube, 7H choke, and two 7.5mf 1400vdc rated aerovox cans after the choke. Final output is 500v. Running the 203a on this and my MOPA chirps and drifts and sounds positively awful. 180v shared from the heath supply and its absolutely fine. Just wondering if im shooting myself in the foot with that power supply.

12480. Re: [AWA Group] Filters and other Q's

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-02 17:05:22 UTC
From: Larry Szendrei
Topic: 12478 Message: 12480

On 2/2/16 11:19 AM, mattgoff54@... [AWAGroup] wrote:
>
> I really need to stop lookin at the ebay alerts. Anyway, In my quest
> for MOPA satisfaction Ive been reading a lot of material, and Ive
> noticed that all these power supplies in the old articles are running
> 20-30H filter chokes. Those who build their own PS with tube
> rectification, is 20 or 30 henries really make a difference compared
> to the 7H 300mA choke Im using? My PS is a Thordarson 700v ct at 70mA,
> an 80 tube, 7H choke, and two 7.5mf 1400vdc rated aerovox cans after
> the choke. Final output is 500v. Running the 203a on this and my MOPA
> chirps and drifts and sounds positively awful. 180v shared from the
> heath supply and its absolutely fine. Just wondering if im shooting
> myself in the foot with that power supply.
>
>
> ---
>
From your description, it sounds like your power supply filter is choke-input, i.e., no capacitor directly from the rectifier cathode to B-. If that's the case, there is an important relationship between the minimum, i.e., key-up load current drawn from the supply, and the minimum acceptable inductance of the filter choke:

critical inductance (H) = load resistance (ohms)/1000

The output voltage of a choke-input filter is supposed to be 90% of the RMS voltage from the plate transformer (from 1/2 the full secondary if center-tapped and used in a typical 2-diode full-wave circuit which you have), minus resistive losses. What happens, though, is if the inductance of your filter choke is below the critical value for the load, the filter thinks it's capacitor-input and the output voltage soars up to 1.4X that RMS voltage. If the filter is doing that on key-up, every time you depress the key the power supply voltage will swing from a high value down to a much lower value.

That could be contributing to some or all of the chirp. The drift is probably because you're running the oscillator at a higher voltage and current (=power input), and there is more heating of the tube and components. You could be having other issues like RF mixing with power-line frequency energy in your homebrew supply that you're not getting with the Heath supply. If so, that will make the note rough.

I've found choke-input supplies to be a bit of a pain, because you either need a swinging choke (which has a much higher inductance at low current that at maximum current), a huge choke, or to waste a lot of power in a relatively low-resistance high-wattage bleeder resistor. If

you can maintain the Lcrit (critical inductance) value, though, they provide much better regulation than a capacitor-input filter.

What I've been using instead in recent times is a resonant filter, which looks like a choke-input filter with another (non-polarized) capacitor across the choke whose value is such that the combination capacitor and choke is parallel-resonant at the ripple frequency: in the US 120Hz if it's a full-wave supply, and 60Hz if half-wave. It preserves the advantages of a choke-input filter without needing to worry about "going critical."

73,
-Larry/NE1S

12481. RE: [AWA Group] Filters and other Q's

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-02 17:06:38 UTC
From: Mike Feher
Topic: 12478 Message: 12481

Jon –

I was not aware of this. Can you provide some references to clarify your statement? The Henry is a unit of measure well defined. How could it have been different in the 20’s? – Regards – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, February 02, 2016 11:50 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Filters and other Q's

Matt,

1920s chokes were rated using a nominal system. A "30H" choke is actually more like 10-15 henries rated by the modern system.

–

12482. FW: [cres_email] Harry Maddox Estate Auction

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-02 18:14:52 UTC
From: JAMES HANLON
Topic: 12482 Message: 12482

You folks should be interested in at least a peak at the second item in the following message.

Jim Hanlon, W8KGI

To: cres_email@yahoogroups.com
From: cres_email-noreply@yahoogroups.com
Date: Tue, 2 Feb 2016 11:22:37 -0500
Subject: [cres_email] Harry Maddox Estate Auction

Harry Maddox's family is holding an on-line estate auction of his

household items. Harry, KE8DC, was a former club member who passed

away last November. The details of the auction are here:

http://clevelandonlineauctions.com/auction_detail.php?id=281332

Most of the items being auctioned are not ham related. However,

I thought some of you might be interested in this one:

http://www.rasmuscatalog.com/cgi-bin/mnlist.cgi?rasmus328/160001

There are also some tools that may be of interest to hams, so I'm

posting the info here FYI.

Rob

12483. RE: [AWA Group] FW: [cres_email] Harry Maddox Estate Auction

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-02 18:21:25 UTC
From: Mike Feher
Topic: 12482 Message: 12483

I just sold one of those a few months ago. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, February 02, 2016 1:15 PM
To: AWA Group
Subject: [AWA Group] FW: [cres_email] Harry Maddox Estate Auction

You folks should be interested in at least a peak at the second item in the
following message.

Jim Hanlon, W8KGI

To: cres_email@yahoogroups.com
From: cres_email-noreply@yahoogroups.com
Date: Tue, 2 Feb 2016 11:22:37 -0500
Subject: [cres_email] Harry Maddox Estate Auction

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Most of the items being auctioned are not ham related. However,
I thought some of you might be interested in this one:

http://www.rasmuscatalog.com/cgi-bin/mnlist.cgi?rasmus328/160001

There are also some tools that may be of interest to hams, so I'm
posting the info here FYI.

Rob

12484. Re: [AWA Group] FW: [cres_email] Harry Maddox Estate Auction

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-02 18:24:02 UTC
From: Louis Vermond
Topic: 12482 Message: 12484

I just sold one of those a few months ago. 73 - Mike

How mni left? :0)

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12485. RE: [AWA Group] FW: [cres_email] Harry Maddox Estate Auction

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-02 18:24:58 UTC
From: Mike Feher
Topic: 12482 Message: 12485

Yep 0 is right J. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, February 02, 2016 1:24 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] FW: [cres_email] Harry Maddox Estate Auction

I just sold one of those a few months ago. 73 - Mike

How mni left? :0)

<https://www.avast.com/antivirus> Avast logo

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www.avast.com <https://www.avast.com/antivirus>

12486. Re: [AWA Group] Filters and other Q's

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-02 19:50:46 UTC
From: Ron Barlow
Topic: 12478 Message: 12486

Hi Don, To add a bit to Larry's excellent info and suggestions, I believe that I read that the reason for the high inductance choke use, in the days of yore, was based on economics. It was less expensive to construct chokes that had mucho inductance, vs high capacitance filter caps, in the olden days. As an aside, one of the drawbacks of this choice would be that a choke having lots of inductance, would also have a relatively high value of DC resistance. Thus, the regulation of a power supply that has such a high "L", low "C" ripple filtering network, would be somewhat poorer than an equivalent (similar amount of ripple filtering) low "L", high "C" filtering network.

In your case, however, I believe that a major source of your woes, is probably due to either a very low value of bleeder current, or no bleeder load at all. Otherwise, your power supply voltage would not be soaring to 500v, with a 700 volt CT power xfmr/full wave rectification, in place. You didn't mention the full load power supply voltage, but I suspect that it is in the neighborhood of 300-320 volts, maximum. Such a voltage change (500 to 300) is a sure fire recipe for chirp problems. A sufficiently "heavy" bleeder load should improve the regulation, significantly. The use of a solid dielectric (padder) cap(s), as a portion of the resonant tank circuit, may be the chief cause for the drift problem. All of the mica/silvered mica, etc., caps that I tried in my experimental power oscillator circuits, resulted in excessive chirp or drift. Replacing these solid dielectric caps with an air dielectric cap, in my power oscillator circuits, yielded a much more acceptable level of drift, and/or chirp. The internal capacitor heating would not be as severe at the lower (180 volt) plate voltage, but may become a larger issue at the higher (300v ?) plate voltage. YMMV!

GL & 73 de Ron n4gjv

On Tuesday, February 2, 2016 12:07 PM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Jon – I was not aware of this. Can you provide some references to clarify your statement? The Henry is a unit of measure well defined. How could it have been different in the 20’s? – Regards – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, February 02, 2016 11:50 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Filters and other Q's Matt, 1920s chokes were rated using a nominal system. A "30H" choke is actually more like 10-15 henries rated by the modern system._

12487. Filters and other Q's and more...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-02 22:07:26 UTC
From: Louis Vermond
Topic: 12487 Message: 12487

Hi,

This topic is timely for me. I am learn'n up on OT supplies. Thank you, Matt and all those who replied to you.

Considering a two 210 power oscillator rig, is it desirable to heat the osc. tube filaments before switching on the B+ supply? If so, why is that?'

Tks, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12488. Filters and other Q's Matt... using a slop jar rectifier?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-02 22:47:40 UTC
From: Louis Vermond
Topic: 12488 Message: 12488

Matt,

Did you say that you will be using a slop jar rectifier? If so, have you Bill Hurni, W3HWTs article on his experiences with one that he had built?

Lou
VE3AWA

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12489. Re: [AWA Group] Filters and other Q's and more...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-02 22:56:24 UTC
From: Larry Szendrei
Topic: 12487 Message: 12489

On 2/2/16 5:07 PM, 'Louis Vermond' ldvermond@... [AWAGroup] wrote:
>
> □
>
> Considering a two 210 power oscillator rig, is it desirable to heat
> the osc. tube filaments before switching on the B+ supply? If so,
> why is that?'
>

I'm not sure about thoriated-tungsten filaments like in the '10, but
with oxide-coated cathodes (directly and indirectly-heated) I've heard
applying full plate voltage before the cathode is up to temperature can
strip off the emissive material from the cathode, after many off-on
cycles. Of course, this happens all the time in consumer-grade radios,
and low-B+ rectifier tubes, and those tubes last a long time.

Either way, it's "best engineering practice" to have the tubes at
full-glow before applying plate voltage. Why would you want to do otherwise?

73,
-Larry/NE1S

12490. Re: [AWA Group] Filters and other Q's and more...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-02 23:32:35 UTC
From: Louis Vermond
Topic: 12487 Message: 12490

Either way, it's "best engineering practice" to have the tubes at full-glow before applying plate voltage. Why would you want to do otherwise? Save a switch? :0)

Thank you, Larry. I'll follow practice. 73, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12491. Ebay scam -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-03 00:14:47 UTC
From: Mike Feher
Topic: 12491 Message: 12491

Hey guys - check this out:

http://www.ebay.com/itm/Antique-vintage-Rare-Marconi-Genova-telegraph-morse-code-key-machine-no-9237-/172083521665?hash=item2810fa2881:g:LWUAAOSwoydWroPM

and then compare it to this:

http://www.ebay.com/itm/-/141450857712?ssPageName=ADME:B:EOIBSA:US:3160

I bought the second link back in November of 2014. I already called ebay about it. The guy was actually laughing and could not believe it. Same exact pictures, same title, and same description. There are going to be some disappointed bidders. Ebay is going to send a note to the seller and then pull the auction. I threw in a bid on it for the hell of it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

12492. Re: [AWA Group] Filters and other Q's

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-03 00:35:44 UTC
From: dulmagedon@...
Topic: 12478 Message: 12492

How did I "Don" get involved in this?
donVe3LYX

12493. Re: [AWA Group] Filters and other Q's

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-03 01:40:17 UTC
From: Louis Vermond
Topic: 12478 Message: 12493

Ur a Great Guy?

----- Original Message -----
From: dulmagedon@yahoo.ca [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-02-02 7:35 PM
Subject: Re: [AWA Group] Filters and other Q's

How did I "Don" get involved in this?
donVe3LYX

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https://www.avast.com/antivirus

12494. Re: [AWA Group] Filters and other Q's

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-03 01:49:44 UTC
From: Ron Barlow
Topic: 12478 Message: 12494

Oppps! Well, maybe it was another Don!
 Just kidding--- my blunder! Not my first and probably not my last!I should have begun with: Hi Matt !Sorry about that! 73 de Ron

On Tuesday, February 2, 2016 7:35 PM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  How did I "Don" get involved in this?
donVe3LYX

12495. Re: [AWA Group] Ebay scam -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-03 02:00:31 UTC
From: Daniel Petersen
Topic: 12491 Message: 12495

One born every minute...
Dan - W7OIL

On Tue, Feb 2, 2016 at 4:14 PM, 'Mike Feher' n4fs@... [AWAGroup] <
AWAGroup@yahoogroups.com> wrote:

>
>
> Hey guys – check this out:
>
>
>
>
> http://www.ebay.com/itm/Antique-vintage-Rare-Marconi-Genova-telegraph-morse-code-key-mac
hine-no-9237-/172083521665?hash=item2810fa2881:g:LWUAAOSwoydWroPM
>
>
>
> and then compare it to this:
>
>
>
> http://www.ebay.com/itm/-/141450857712?ssPageName=ADME:B:EOIBSA:US:3160
>
>
>
> I bought the second link back in November of 2014. I already called ebay
> about it. The guy was actually laughing and could not believe it. Same
> exact pictures, same title, and same description. There are going to be
> some disappointed bidders. Ebay is going to send a note to the seller and
> then pull the auction. I threw in a bid on it for the hell of it. 73 - Mike
>
>
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
>
>
>

>

--

73,
Dan - W7OIL

12496. Re: [AWA Group] Filters and other Q's

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-03 02:07:54 UTC
From: dulmagedon@...
Topic: 12478 Message: 12496

Ok I was worried because I can usually manage to get in more then enuf trouble on my own. I could add some input to the subject of chokes but I won't. BTW a couple of younger friends stopped by a popped up my vetical and guyed it while I watched. It wasnt quite ready but I wasn't going to spit on the oppourtunity. Been trying it on 3561 tonite.
donVe3LYX

12497. RE: [AWA Group] Filters and other Q's

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-03 02:16:05 UTC
From: Mike Feher
Topic: 12478 Message: 12497

Hey, congratulations. That should make a difference for you. I would not have turned them down either, HI. A couple of weeks ago I had my youngest son (33) on my roof working on my ladder line. Not something I want to, or can, any more. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, February 02, 2016 9:08 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Filters and other Q's

Ok I was worried because I can usually manage to get in more then enuf trouble on my own. I could add some input to the subject of chokes but I won't. BTW a couple of younger friends stopped by a popped up my vetical and guyed it while I watched. It wasnt quite ready but I wasn't going to spit on the oppourtunity. Been trying it on 3561 tonite.
donVe3LYX

12498. Re: [AWA Group] Antenna project

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-03 13:34:10 UTC
From: dulmagedon@...
Topic: 12469 Message: 12498

My GDO is acting up so I was unable to test the antenna for freq although it should be in the window so to speak. My SWR meters are kaput as well. One doesn't respond and the other a Hamfest score never gives the same result on any antenna I have twice in a row so I cannot rely on it. Probably why it was a deal at the hamfest. However I hooked up my BareEssentials rig and put it on automatic, grabbed a SW portable and went for a drive. There is a spot down the road where if Icn hear there I can work most of you with the rig. That has been for me the definative test point. It was very strong there so I continued and over twice as far away as normal it was still strong. I drove around the lake and usually lose the signal on that back side but it was strong and not when holding it out the window which I used to hve to do but with it just lying on the dash so I continued another concession. I never lost the signal once SO if that is any representation of its 80M performance it is better. But it could just be because it is a vertical it has a low angle of departure too. I will need to log a few before I decide. Meanwhile I gotta figure out what went wrong with my Booton GDO. I thought it was the cable but it proved with the meter so it is something else but movement related. I got home returned to manual operation, ID-ed and QRTed all with in proper time (for those who wonder about such things).

12499. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-03 15:59:53 UTC
From: Louis Vermond
Topic: 130 Message: 12499

http://www.ebay.com/itm/National-Type-DX-Air-Variable-Capacitor-20-110pF-/252275539545?

http://www.ebay.com/itm/Group-of-34-Dakaware-Radio-or-Equipment-Knobs-/252272206852?hash=item3abc986404:g:PVUAAOSwFMZWrZIP

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12500. Re: Filters and other Q's Matt... using a slop jar rectifier?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-03 16:39:19 UTC
From: mattgoff54@...
Topic: 12488 Message: 12500

Thanks all for the info, very helpful. I added a 35k bleeder and the regulation is much improved. Larry and Rons figures were about dead on and that took care of most of that awful chirp. This Im not sure what was causing the sig quality to go to crap in the amp but I have cleaned it up a fair amount by moving the tank coil tap closer to the plate side. This gives me about 40mA at keydown and somewhere around 10 watts out after I loosen the ant coupling to where it sounds decent. Slowly making some progress, might have it ready for a teat run soon.

Lou, I would like to make a chem rectifier as part of my very early CW setup...just to do it and see how those guys managed. Plus all that glass looks cool. A few weeks ago I saw on ebay a wooden rack with jars stacked two high. Probably around 50 jars, with the two electrodes and all. Didnt look right for batteries. Probably should have bought it. Oh well.

Matt

12501. Re: [AWA Group] Re: Filters and other Q's Matt... using a slop jar rectifier?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-03 16:50:57 UTC
From: Louis Vermond
Topic: 12488 Message: 12501

----- Original Message -----
From: mattgoff54@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-02-03 11:39 AM
Subject: [AWA Group] Re: Filters and other Q's Matt... using a slop jar rectifier?

Thanks all for the info, very helpful. I added a 35k bleeder and the regulation is much improved. Larry and Rons figures were about dead on and that took care of most of that awful chirp. This Im not sure what was causing the sig quality to go to crap in the amp but I have cleaned it up a fair amount by moving the tank coil tap closer to the plate side. This gives me about 40mA at keydown and somewhere around 10 watts out after I loosen the ant coupling to where it sounds decent. Slowly making some progress, might have it ready for a teat run soon.

Lou, I would like to make a chem rectifier as part of my very early CW setup...just to do it and see how those guys managed. Plus all that glass looks cool. A few weeks ago I saw on ebay a wooden rack with jars stacked two high. Probably around 50 jars, with the two electrodes and all. Didnt look right for batteries. Probably should have bought it. Oh well.

Matt

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12502. Bill's slop jar rectifier story...a tale of woe

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-03 16:59:13 UTC
From: Louis Vermond
Topic: 12502 Message: 12502

Lou, I would like to make a chem rectifier as part of my very early CW setup...just to do it and see how those guys managed. Plus all that glass looks cool. Matt

For W3HWT's three page chemical rectifier article is informative and an intentional hoot. If you want, please write directly. Lou

Ldvermond@...

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https://www.avast.com/antivirus

12503. New and Improved Chemical Rectifier...1932 Handbook

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-03 17:36:29 UTC
From: Louis Vermond
Topic: 12503 Message: 12503
Attachments: 3 described; binary payloads are missing from this source WARC

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https://www.avast.com/antivirus

12504. eBa Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-04 14:10:52 UTC
From: Louis Vermond
Topic: 12504 Message: 12504

http://www.ebay.com/itm/2-ps-RCA-porcelain-4-pin-jumbo-tube-socket-with-porc-spacers-/262275068808?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12505. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-04 14:40:40 UTC
From: Louis Vermond
Topic: 130 Message: 12505

http://www.ebay.com/itm/QST-1925-2000-NO-RESERVE-/252276431718?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12506. Re: [AWA Group] Antenna project

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-04 22:30:01 UTC
From: dulmagedon@...
Topic: 12469 Message: 12506

Found an old SWR meter. On 80M it isnt bad. Right on the edge of acceptable so I am using it. I should be able to move it right onto "The Zone" easily, Probably Saturday if the weather holds. Meanwhile I am going to try it tonight around 7 Pm my time 3561kcwith the bare essentails rig.
donVe3LYX.

12507. Re: [AWA Group] Antenna project

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-05 00:29:28 UTC
From: dulmagedon@...
Topic: 12469 Message: 12507

Band is crowded right now.Will try again at 9PM
donVe3LYX

12508. new member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-05 13:47:26 UTC
From: Louis Vermond
Topic: 12508 Message: 12508

I'm Dean,NW2K in Springwater, NY. Considering a build for BK QSO Party

We have a new member this morning, pse sa hi....

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https://www.avast.com/antivirus

12509. RE: [AWA Group] new member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-05 13:52:20 UTC
From: Mike Feher
Topic: 12508 Message: 12509

Welcome aboard Dean. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, February 05, 2016 8:47 AM
To: AWAGroup
Subject: [AWA Group] new member

I'm Dean,NW2K in Springwater, NY. Considering a build for BK QSO Party

We have a new member this morning, pse sa hi....

<https://www.avast.com/antivirus> Avast logo

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www.avast.com <https://www.avast.com/antivirus>

12510. Re: [AWA Group] new member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-05 14:22:31 UTC
From: Bill Stewart
Topic: 12508 Message: 12510

Welcome Dean...GL on your BK project. Keep us posted.
73 de Bill K4JYS

----- Original Message -----

From: "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Sent: Friday, February 5, 2016 8:47:26 AM
Subject: [AWA Group] new member

I'm Dean,NW2K in Springwater, NY. Considering a build for BK QSO Party

We have a new member this morning, pse sa hi....

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www.avast.com

12511. BK Builds

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-05 14:37:04 UTC
From: dfaklis@...
Topic: 12511 Message: 12511

Thanks for the warm welcome!

A few of us might give it a try (K0SM, W2FU, NW2K) so I thought I would join up to learn more. We're all located within 30 minutes of the AWA Museum. No definite plans yet, just talk at this point. Talk is cheap!

Thanks again for the welcome!

73, Dean, NW2K

12512. Re: [AWA Group] BK Builds

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-05 15:08:42 UTC
From: Eric NO3M
Topic: 12511 Message: 12512

Dean

Dual, switchable tanks make it easier to operate in Sprint.... lol! Welcome!

See you this weekend in NAS.

73 Eric NO3M

On 02/05/2016 09:37 AM, dfaklis@... [AWAGroup] wrote:
>
> Thanks for the warm welcome!
>
>
> A few of us might give it a try (K0SM, W2FU, NW2K) so I thought I
> would join up to learn more. We're all located within 30 minutes of
> the AWA Museum. No definite plans yet, just talk at this point. Talk
> is cheap!
>
>
> Thanks again for the welcome!
>
>
> 73, Dean, NW2K
>
>
> ---
>

12513. Re: [AWA Group] new member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-05 16:49:40 UTC
From: K3PID
Topic: 12508 Message: 12513

Welcome Dean! You won’t find a nicer bunch of enthusiast that the group that hangs around here! GL on your project and don’t be afraid to ask for help here!

73 Ron K3PID

From: mailto:AWAGroup@yahoogroups.com
Sent: Friday, February 05, 2016 7:47 AM
To: AWAGroup
Subject: [AWA Group] new member

I'm Dean,NW2K in Springwater, NY. Considering a build for BK QSO Party

We have a new member this morning, pse sa hi....

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www.avast.com

12514. Re: [AWA Group] new member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-05 17:48:08 UTC
From: Steve
Topic: 12508 Message: 12514

>I'm Dean,NW2K in Springwater, NY. Considering a build for BK QSO Party

welcome aboard Dean. What a great call. Looking forward to working you in
the next BK!

Steve 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

12515. Re: [AWA Group] new member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-05 18:23:44 UTC
From: Louis Vermond
Topic: 12508 Message: 12515

"welcome aboard Dean. What a great call. Looking forward to working you in the next BK!"

Bugs, How about a days count-downer this year?

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12516. Re: [AWA Group] new member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-05 18:26:52 UTC
From: Larry Szendrei
Topic: 12508 Message: 12516

On 2/5/16 12:48 PM, 'Steve' ve7sl@... [AWAGroup] wrote:
>> I'm Dean,NW2K in Springwater, NY. Considering a build for BK QSO Party
>
>
> welcome aboard Dean. What a great call. Looking forward to working you in
> the next BK!
>
>
Dean's callsign is OK, but the one that got my attention was his buddy
W2FU! ;-)

Anyway, welcome, Dean, and I hope to log your station in the 2016 BK if
not sooner.

73,
-Larry/NE1S

12517. Re: [AWA Group] new member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-05 18:29:50 UTC
From: Louis Vermond
Topic: 12508 Message: 12517

Dean's callsign is OK, but the one that got my attention was his buddy W2FU! ;-) Dean, Never mind Larry. In time you'll get used to him. Lou

---
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12518. Re: [AWA Group] new member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-05 19:25:35 UTC
From: dulmagedon@...
Topic: 12508 Message: 12518

Welcome, Finally someone in my area. Dean is less then 100 miles away. I live just North of the other Bloomfield , Bloomfield Ontario just across the lake. GL on you projects. Mount the tube and socket and then it will almost build its self. Want to test? Just give me a heads up here and I will be there as long as I am home.
donVe3LYX

12519. Re: [AWA Group] new member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-05 19:55:59 UTC
From: N1BUG
Topic: 12508 Message: 12519

> Bugs, How about a days count-downer this year?

Done. Usual location. I won't try to post a link because unless something has changed, Yahoo will reject my post if I do.

T minus 302:03:05:10 and counting...

As you may recall I had been thinking of doing a "pretty" version and maybe include the LC too. My idea involved dressing it up with a photo of Bruce (and Linc) and a photo of a representative rig for the BK (LC). However I grew weary of the search for usable photos and scrapped the idea. I may get back to it someday.

Bugsy

12520. Re: [AWA Group] BK Builds

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-05 20:08:12 UTC
From: N1BUG
Topic: 12511 Message: 12520

Welcome Dean! I'm not too active here lately but very much enjoyed building and operating a 1929 TNT rig.

> A few of us might give it a try (K0SM, W2FU, NW2K) so I thought I
> would join up to learn more. We're all located within 30
> minutes of the AWA Museum. No definite plans yet, just talk at
> this point. Talk is cheap!

K0SM? Well, there is a call I haven't seen in a while. Andy may remember me from the early HSMS days in North America. Must have been about 20 years ago. Just checked my log. I've worked all three of you... NW2K on 80 and 40, W2FU on 160, 40, and 2, K0SM on 6 and 2 meters. :-)

Have fun building!

73,
Paul (aka Bugsy around here)

--
Paul, N1BUG ME - Piscataquis - FN55mf
160-6m QRO CW - DX - Contesting
147.105 Repeater serving the Maine Highlands
444.950 Repeater, echolink node 444950

12521. Re: [AWA Group] Antenna project

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-05 20:45:18 UTC
From: dulmagedon@...
Topic: 12469 Message: 12521
Attachments: 1 described; binary payloads are missing from this source WARC

Did a little but more on it and some more testing. If the testing means anything it is quite a bit more effective then the inverted VEE . Now all I need is a real contact.
will be on 3561 again tonite Calling. 7 and 9 PM. for sure and will be fooling around a bit in a few minutes as well.
Here is a photo. Antenna is in a small clearing among a group of cedar trees. Only the marine whip part of it gives it away. Oherwise one would not see it even if looking at it not knowing.
donVe3LYX

12522. Re: [AWA Group] new member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-05 22:14:47 UTC
From: Roger Kuchera
Topic: 12508 Message: 12522

Howdy Dean, Welcome to the AWA!! Lots of knowledge and parts in this group.
Roger/K1TG

On Friday, February 5, 2016 2:56 PM, "N1BUG paul@... [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:

> Bugs, How about a days count-downer this year?

Done. Usual location. I won't try to post a link because unless
something has changed, Yahoo will reject my post if I do.

T minus 302:03:05:10 and counting...

As you may recall I had been thinking of doing a "pretty" version
and maybe include the LC too. My idea involved dressing it up with a
photo of Bruce (and Linc) and a photo of a representative rig for
the BK (LC). However I grew weary of the search for usable photos
and scrapped the idea. I may get back to it someday.

Bugsy

Yahoo Groups Links

12523. T minus 302:03:05:10 and counting...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-05 22:21:52 UTC
From: Louis Vermond
Topic: 12523 Message: 12523
Attachments: 4 described; binary payloads are missing from this source WARC

My idea involved dressing it up with a photo of Bruce....

and a photo of a representative rig for the BK or >>>

Or >>>

Hull Hartley, J. Barnes 3ABW

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https://www.avast.com/antivirus

12524. Timer

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-05 22:23:24 UTC
From: Louis Vermond
Topic: 12524 Message: 12524

Done. Usual location. And as usual, pse lead me to it....

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12525. Antenna project SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-05 23:27:11 UTC
From: Louis Vermond
Topic: 12525 Message: 12525

will be on 3561 again tonite Calling. 7 PM. Turning on the TS-530 now. CUL, Lou

---
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12526. Ebay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-05 23:34:51 UTC
From: Louis Vermond
Topic: 893 Message: 12526

http://www.ebay.com/itm/Five-5-Vintage-4-Pin-Air-Gap-Radio-Vacuum-Tube-Surface-Mount-Breadboard-Socket-/121878516616?&_trksid=p2056016.l4276

I will "go in" with anyone here. Need only the socket without that extra shell mounting hole to match one on hand. Wt sa?

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12527. Re: [AWA Group] Antenna project SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-06 00:14:20 UTC
From: Louis Vermond
Topic: 12525 Message: 12527

Replied to your CQ twice, but ND. Ur RST 439 OM. 73 Lou

----- Original Message -----
From: 'Louis Vermond' ldvermond@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-02-05 6:27 PM
Subject: [AWA Group] Antenna project SKED

☐

will be on 3561 again tonite Calling. 7 PM. Turning on the TS-530 now. CUL, Lou

---
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www.avast.com

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https://www.avast.com/antivirus

12528. Re: [AWA Group] Antenna project SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-06 00:45:30 UTC
From: dulmagedon@...
Topic: 12525 Message: 12528

Well Thank you Lou. I heard a VE3 somethig in there but had a KK9 something right on top of him. I was listening on the Trio 59R . I should have turned on the TS830s Rx or the regen. Anyway. I appreciate you taking the time to give it a shot. Thank you very much. At least the antenna is working.
donVe3LYX

12529. Re: [AWA Group] Antenna project SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-06 01:35:37 UTC
From: Louis Vermond
Topic: 12525 Message: 12529

Well Thank you Lou. I heard a VE3 somethig in there ... Yes, you were surrounded! What was ur output?

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https://www.avast.com/antivirus

12530. Re: [AWA Group] Antenna project SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-06 02:36:33 UTC
From: dulmagedon@...
Topic: 12525 Message: 12530

I think about 9 watts in if memory serves me. Probably somewhere between 3.5 to 5 out of I am really lucky.
Been a long time since I measured this one. This is the rig I first worked you all on before you influenced me to try self controlled OSC. I still remember that first adventure. I still have it and use it. It is my upstairs shack.
I have my TS830S up here as well which I used with you and Joe not long ago. the only other rig up here is a homebrew SS crystal controlled TX which has never been proven on air. It has a permanent rock soldered in I think it is a 3.53 but would have to check. I wanted the vertical so I could use the Bare Essentails rig up here easily now that the inverted Vee is becoming seedy. It seems to be working anyway. I wish to thank you again.
donVe3LYX

12531. GN

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-06 04:02:42 UTC
From: Louis Vermond
Topic: 12531 Message: 12531
Attachments: 1 described; binary payloads are missing from this source WARC

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https://www.avast.com/antivirus

12532. Re: [AWA Group] Antenna project SKED

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-06 20:06:09 UTC
From: Louis Vermond
Topic: 12525 Message: 12532

I think about 9 watts in if memory serves me. OK Don, thanks. Well, you were heard... 73, Lou

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-02-05 9:36 PM
Subject: Re: [AWA Group] Antenna project SKED

I think about 9 watts in if memory serves me. Probably somewhere between 3.5 to 5 out of I am really lucky.
Been a long time since I measured this one. This is the rig I first worked you all on before you influenced me to try self controlled OSC. I still remember that first adventure. I still have it and use it. It is my upstairs shack.
I have my TS830S up here as well which I used with you and Joe not long ago. the only other rig up here is a homebrew SS crystal controlled TX which has never been proven on air. It has a permanent rock soldered in I think it is a 3.53 but would have to check. I wanted the vertical so I could use the Bare Essentails rig up here easily now that the inverted Vee is becoming seedy. It seems to be working anyway. I wish to thank you again.
donVe3LYX

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12533. Perhaps in your Junk Box?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-07 03:04:13 UTC
From: Louis Vermond
Topic: 12533 Message: 12533
Attachments: 1 described; binary payloads are missing from this source WARC

Need two banana plugs as shown.

Thanks, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12534. Re: [AWA Group] new member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-08 05:12:17 UTC
From: Ron Barlow
Topic: 12508 Message: 12534

Hello Dean, Welcome to the fold! I will be looking forward to hearing your "29" sig! 73 & GL de Ron n4gjv

On Friday, February 5, 2016 5:14 PM, "Roger Kuchera rwkuchera@snet.net [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  Howdy Dean, Welcome to the AWA!! Lots of knowledge and parts in this group. Roger/K1TG

On Friday, February 5, 2016 2:56 PM, "N1BUG paul@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

> Bugs, How about a days count-downer this year?

Done. Usual location. I won't try to post a link because unless something has changed, Yahoo will reject my post if I do.

T minus 302:03:05:10 and counting...

As you may recall I had been thinking of doing a "pretty" version and maybe include the LC too. My idea involved dressing it up with a photo of Bruce (and Linc) and a photo of a representative rig for the BK (LC). However I grew weary of the search for usable photos and scrapped the idea. I may get back to it someday.

Bugsy

Yahoo Groups Links

12535. Navy training CW again -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-08 15:00:41 UTC
From: Mike Feher
Topic: 12535 Message: 12535

Forwarded from another list -

U.S. Navy is returning to training selected personnel

in the art of Morse Code (CW). They say it has stood the

test of time as a communications technology that is basic

and able to get info through in difficult conditions when

more sophisticated methods cannot.

https://www.dvidshub.net/news/187384/morse-code-staple-navy-iw-toolkit#.Vram
kfkrK02

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

12536. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-08 16:22:08 UTC
From: Louis Vermond
Topic: 130 Message: 12536

http://www.ebay.com/itm/Reproduction-ca-1930-TNT-Ham-Radio-Transmitter-/262280927777?ssPageName=ADME:B:SS:CA:1120

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12537. Re: [AWA Group] Navy training CW again -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-08 18:47:00 UTC
From: Louis Vermond
Topic: 12535 Message: 12537

Are we surprised? :0)

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-02-08 10:00 AM
Subject: [AWA Group] Navy training CW again -

Forwarded from another list -

U.S. Navy is returning to training selected personnel

in the art of Morse Code (CW). They say it has stood the

test of time as a communications technology that is basic

and able to get info through in difficult conditions when

more sophisticated methods cannot.

https://www.dvidshub.net/news/187384/morse-code-staple-navy-iw-toolkit#.VramkfkrK02

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

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https://www.avast.com/antivirus

12538. Re: Navy training CW again -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-08 23:27:53 UTC
From: dulmagedon@...
Topic: 12535 Message: 12538

Good idea.This summer I went to a Military Museum Activity Day. I clip on my call sign tag when at tech museums because I often meet hams there. As we entered I saw there was a big signals display. As I approached two uniformed fellows I would guess to be my age or + approached me and motioned me aside. They introduced themselves as Hams and retirered Signals career folks. The bigger one turned to the side and asked me "Do you know Morse Code?" I acknowledged that I did although I am a bit rusty. He asked would I be so kind as to demonstrate two of the units they had on display. I obliged. They told me they had never actually learned it although the skinny guy did know a bit of what I sent so he must have had some experience with it. I knew from their calls they had been licensed a few years later then myself (VA instead of VE). I also got an invite to join their vintage group however my T shirt and a sign someone gave me for my shop wall reminds me not to. (WARNING, DOES NOT PLAY WELL WITH OTHERS!)
Back when I was first licensed I did a lot of CW ops. One night called CQ and got a very very faint answer from a JA. I could just hear him and that was all. We did the usual exchange and I went to sign. he asked me to continue and told me he was a Japanese Weather Researcher and had been cut off by weather and bad radio conditions and I was the first human contact he had had in 30 days. we went back and forth for about 20 minutes. I recorded some of it on a mini tape cassette. I still have the tape somewhere. In fact was talking with the XYL about it yesterday. If not for CW we would have had zip as phone would have been absolutely impossible. When I got my Advanced ticket I let my CW go. It was a dumb thing to do. Thanks to this group I have been forced to revive it and it seemed hopeless at first even for a few years but I notice now the rhythm is coming back. I had given up on it ever happening. I was never fast but I have many old QSL cards with a note on them saying "gud fist" I should have looked after that but didn't. I regret that now. It is good to see the US Navy getting back in the game. Hopefully ours will too.
donVE3LYX

12539. Re: Navy training CW again -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-09 12:25:19 UTC
From: dulmagedon@...
Topic: 12535 Message: 12539

I neglected to say he said he was a Japanese Weather Researcher In ANTARTICA. Sorry. About a year later I got a QSl card with a "thank you" on it. Probably still have it somewhere. donVE3LYX

12540. Early morning Ham smile!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-09 15:24:30 UTC
From: Louis Vermond
Topic: 12540 Message: 12540
Attachments: 1 described; binary payloads are missing from this source WARC

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12541. CQ Archives

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-09 16:22:49 UTC
From: Louis Vermond
Topic: 12541 Message: 12541
Attachments: 1 described; binary payloads are missing from this source WARC

Anyone here a CQ Archive Subscriber? There is an article I wish to have. Tks, Lou

---
This email has been checked for viruses by Avast antivirus software.
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12542. RE: [AWA Group] CQ Archives

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-09 16:42:52 UTC
From: Mike Feher
Topic: 12541 Message: 12542
Attachments: 1 described; binary payloads are missing from this source WARC

Year & month?

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, February 09, 2016 11:23 AM
To: AWAGroup
Subject: [AWA Group] CQ Archives

Anyone here a CQ Archive Subscriber? There is an article I wish to have.
Tks, Lou

001

<https://www.avast.com/antivirus> Avast logo

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www.avast.com <https://www.avast.com/antivirus>

12543. Re: [AWA Group] CQ Archives

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-09 16:34:50 UTC
From: Garey Barrell
Topic: 12541 Message: 12543

Whatcha need Lou??

73, Garey - K4OAH
Rome, GA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

'Louis Vermond' ldvermond@... [AWAGroup] wrote:
>
>
> Anyone here a CQ Archive Subscriber? There is an article I wish to have. Tks, Lou
> 001
>

12544. [AWA Group] CQ Archives

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-09 17:14:38 UTC
From: Louis Vermond
Topic: 12541 Message: 12544

WOW! Thank you, Neil, Mike & Garey.

As you may have picked up from http://www.ebay.com/itm/Reproduction-ca-1930-TNT-Ham-Radio-Transmitter-/262280927777?ssPageName=ADME:B:SS:CA:1120 there is mentioned in the description, "a design from Dave Ingram, K4TWJ, as presented in CQ Magazine in March 1989".

Neil, yes I would like a hi-rez scan of the article.

Again, tks all, Lou

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12545. SAQ Feb broadcast

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-09 22:26:15 UTC
From: dulmagedon@...
Topic: 12545 Message: 12545

I see SAQ is scheduled for a transmission tomorrow at 1800. Probably a tune , then a trial on feb 15 at 1000 and a broadcast at feb 16 1000 all UTC. I am going to try again with my SAQ SDR but I also have a converter built . My LF Regen doesnt go that low (yet) I think it is World Radio Heritage Day or something.
donVE3LYX
Lou Dave Ingram is famous for something else and I have built it but at this second cannot retrieve it to memory. AHAHA!!!!!!!!!!!!!!!!!!!!!!!! The MICRONAUT tranmsitter ! It just came to me and I have one!

12546. Re: [AWA Group] CQ Archives

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-09 22:43:05 UTC
From: Niel - W0VLZ
Topic: 12541 Message: 12546

Lou,

(Unfortunately I no longer have that particular issue)

Look also for the Jan '73 issue of CQ, pg 38-42+91. I wonder if this
Bill Orr article was the source for Dave Ingram's March 1989 article.

73,
Niel

'Louis Vermond' ldvermond@... [AWAGroup] wrote:
>
> WOW! Thank you, Neil, Mike & Garey.
> As you may have picked up from
> http://www.ebay.com/itm/Reproduction-ca-1930-TNT-Ham-Radio-Transmitter-/262280927777?ssP
ageName=ADME:B:SS:CA:1120
> <http://www.ebay.com/itm/Reproduction-ca-1930-TNT-Ham-Radio-Transmitter-/262280927777?ss
PageName=ADME:B:SS:CA:1120> there
> is mentioned in the description, "a design from Dave Ingram, K4TWJ, as
> presented in CQ Magazine in March 1989".
> Neil, yes I would like a hi-rez scan of the article.
> Again, tks all, Lou
>
>
> ---
> Avast logo <https://www.avast.com/antivirus>
>
> This email has been checked for viruses by Avast antivirus software.
> www.avast.com <https://www.avast.com/antivirus>
>
>
>

12547. Copper / Wood epoxy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-09 23:31:35 UTC
From: Eric NO3M
Topic: 12547 Message: 12547

Anyone have a recommendation on a good adhesive to bond wood to copper?

I recently put together a 210 Hartley to add to the growing '29 arsenal. Tank and antenna coils sit on a slide rack (same as a few Hull rigs). I wound a 1/4 in. copper coil for 160, 4.75 in dia., 14T, about 7 inch long. If everything is settled, excellent note and stability, but the slightest disturbance causes "wobbulation". Three thin slats of wood glued to the coil should fix that.

Antenna coupling coil / cap are mounted, but not wired up yet.

http://no3m.net/wp-content/uploads/2016/02/210-hartley-1.png

73 Eric NO3M

12548. RE: [AWA Group] Copper / Wood epoxy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-10 01:06:16 UTC
From: Steve Flood
Topic: 12547 Message: 12548
Attachments: 1 described; binary payloads are missing from this source WARC

JB Weld or Devcon Plastic Steel.

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https://www.avast.com/antivirus

12549. Re: [AWA Group] CQ Archives

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-10 01:09:16 UTC
From: Louis Vermond
Topic: 12541 Message: 12549

(Unfortunately I no longer have that particular issue) All right Neil, thank you for the offer. With Garey's help I'm set.

Look also for the Jan '73 issue of CQ, pg 38-42+91. Your copy received. Good! more reading...

I wonder if this Bill Orr article was the source for Dave Ingram's March 1989 article. I'll respond to this after I've read the articles. If it was or not, can't have too much TNT info.

73, Lou
VE3AWA

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12550. Copper / Wood epoxy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-10 01:13:03 UTC
From: Louis Vermond
Topic: 12547 Message: 12550

Three thin slats of wood glued to the coil should fix that. Or, how about 3/16" thk. Bakelite strips? I can provide for you to cut to size. Lou

----- Original Message -----
From: Eric NO3M no3m@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-02-09 6:31 PM
Subject: [AWA Group] Copper / Wood epoxy

Anyone have a recommendation on a good adhesive to bond wood to copper?

I recently put together a 210 Hartley to add to the growing '29 arsenal. Tank and antenna coils sit on a slide rack (same as a few Hull rigs). I wound a 1/4 in. copper coil for 160, 4.75 in dia., 14T, about 7 inch long. If everything is settled, excellent note and stability, but the slightest disturbance causes "wobbulation". Three thin slats of wood glued to the coil should fix that.

Antenna coupling coil / cap are mounted, but not wired up yet.

http://no3m.net/wp-content/uploads/2016/02/210-hartley-1.png

73 Eric NO3M

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12551. RE: [AWA Group] CQ Archives

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-10 01:14:03 UTC
From: Mike Feher
Topic: 12541 Message: 12551

I do not believe that Dave Ingram ever had an original thought. All his publications are essentially collections of other people's work. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, February 09, 2016 8:09 PM
To: AWAGroup
Subject: Re: [AWA Group] CQ Archives

(Unfortunately I no longer have that particular issue) All right Neil, thank you for the offer. With Garey's help I'm set.

Look also for the Jan '73 issue of CQ, pg 38-42+91. Your copy received. Good! more reading...

I wonder if this Bill Orr article was the source for Dave Ingram's March 1989 article. I'll respond to this after I've read the articles. If it was or not, can't have too much TNT info.

73, Lou

VE3AWA

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12552. RE: [AWA Group] Copper / Wood epoxy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-10 01:15:25 UTC
From: Mike Feher
Topic: 12547 Message: 12552

How about strips of Plexiglas and acrylic cement? 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, February 09, 2016 8:13 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Copper / Wood epoxy

☐

Three thin slats of wood glued to the coil should fix that. Or, how about 3/16" thk. Bakelite strips? I can provide for you to cut to size. Lou

----- Original Message -----

From: Eric NO3M no3m@... [AWAGroup] <mailto:no3m@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2016-02-09 6:31 PM

Subject: [AWA Group] Copper / Wood epoxy

Anyone have a recommendation on a good adhesive to bond wood to copper?

I recently put together a 210 Hartley to add to the growing '29 arsenal. Tank and antenna coils sit on a slide rack (same as a few Hull rigs). I wound a 1/4 in. copper coil for 160, 4.75 in dia., 14T, about 7 inch long. If everything is settled, excellent note and stability, but the slightest disturbance causes "wobbulation". Three thin slats of wood glued to the coil should fix that.

Antenna coupling coil / cap are mounted, but not wired up yet.

http://no3m.net/wp-content/uploads/2016/02/210-hartley-1.png

73 Eric NO3M

<https://www.avast.com/antivirus> Avast logo

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www.avast.com <https://www.avast.com/antivirus>

12553. Re: [AWA Group] Copper / Wood epoxy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-10 01:24:52 UTC
From: Louis Vermond
Topic: 12547 Message: 12553

How about strips of Plexiglas and acrylic cement? 73 – Mike

Did I mention glossy both sides? Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12554. Re: [AWA Group] CQ Archives

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-10 01:33:40 UTC
From: Steve
Topic: 12541 Message: 12554

I tend to agree Mike...he re-named a lot of 'old' circuits it seems.

>I do not believe that Dave Ingram ever had an original thought. All his
> publications are essentially collections of other people's work. 73 - Mike

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

12555. R-649

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-10 01:53:07 UTC
From: Leonard Meek
Topic: 12555 Message: 12555

Anyone have any horror stories about a Hallicrafters R-649?

Leonard

12556. Re: [AWA Group] CQ Archives

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-10 03:07:00 UTC
From: dulmagedon@...
Topic: 12541 Message: 12556

Well thats too bad. He is no longer on this earth so hard for him to defend himself however I don't believe he claimed to have invented the TNT or many of the circuits although he is generally credited with developing the micronaut. As a technical writer myself (automotive) of some 24 years experience I never claimed or pretended to have invented everything I wrote about. I was a messenger. Some loved me some hated me. Usually people I grew up with found it hard and still do. Cest la vie. Not everyone can write tech in a manner that is easily understood. Some over complicate simple procedures to make it look harder then it is. Sometimes not realizing they are doing that. Some just blow smoke. The trick is to tell the story quickly in chronological order as simply as possible without leaving anything out. Because if you don't half your readers will not finish the article and your boss's (The publisher) advertisers will be upset and you will become a reader instead of a writer. BTW It is usually not a job you aspire to. You are usually conscripted. He must have had something going for him It is a tough business to say the least.
donVE3LYX

12557. Re: Copper / Wood epoxy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-10 03:46:08 UTC
From: dfaklis@...
Topic: 12547 Message: 12557

3M (e.g. VHB) two-sided tape or a two-part epoxy should work. Some guys have used the polyurethane (e.g. Gorilla) glues.

12558. Re: [AWA Group] CQ Archives

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-10 05:30:09 UTC
From: Niel - W0VLZ
Topic: 12541 Message: 12558

Lou,

I found my file copy of Dave Ingram's March 1989 article. The transmitter Ingram describes is a unity coupled "Double M". The untuned grid coil is wound inside the plate coil...ie. the grid coil wire is poked through the plate coil tubing. It is nothing like the ebay transmitter. Ingram credits "The Transmitter" magazine for the original and built two versions (with modifications) before he was satisfied, calling it the "Double M Special". (Ingram's writing style and use of exclamation points is a little grating but I can see how it would sell magazines.)

The ebay TNT transmitter looks like a copy of the "Single Control Low Power Transmitter" and straight from the early 30's ARRL Handbooks. Too bad it is built on ply board instead of a kitchen breadboard. Bill Orr is close. He added a cap across the B+ that doesn't show up on the ebay TNT or the Handbook.

73,
Niel - W0VLZ

'Louis Vermond' ldvermond@... [AWAGroup] wrote:
>
> (Unfortunately I no longer have that particular issue) All right Neil,
> thank you for the offer. With Garey's help I'm set.
>
> Look also for the Jan '73 issue of CQ, pg 38-42+91. Your copy
> received. Good! more reading...
> I wonder if this Bill Orr article was the source for Dave Ingram's
> March 1989 article. I'll respond to this after I've read the articles.
> If it was or not, can't have too much TNT info.
>
> 73, Lou
> VE3AWA
>
> .
>
>

12559. Re: [AWA Group] CQ Archives

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-10 07:02:42 UTC
From: Louis Vermond
Topic: 12541 Message: 12559
Attachments: 1 described; binary payloads are missing from this source WARC

Niel,

Yes. I took the print-out of that article sent by Garey to bed for a quick read. Glanced at the schematic and thought, TNT. Several paragraphs in I saw, Double M. Hmmm? Sounded familiar, but what does it have to with a TNT? With a few more paragraphs came the light.

The ebay TNT transmitter looks like a copy of the "Single Control Low Power Transmitter" and straight from the early 30's ARRL Handbooks. Yes again.

Too bad it is built on ply board instead of a kitchen breadboard. Would be easy enough to fix that tho. Yet, now that I have worked with REL rigs I understand that semi-gloss black painted plywood is "period". (Oops, quotation marks. :0))

Orr added a cap across the B+ that doesn't show up on the ebay TNT or the Handbook. OK Niel, I have to ask, what does that do for you?

73, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12560. The Saga of the TNT Transmitter by W2SN ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-10 13:37:28 UTC
From: w0vlz@...
Topic: 12560 Message: 12560

As I was looking for a copy of Dave Ingram's March 1989 article I found a draft of one titled "The Saga of the TNT Transmitter" by W2SN. I've posted the first page at https://www.prismnet.com/~nielw/TNTSaga/SagaTNT1.jpg https://www.prismnet.com/~nielw/TNTSaga/SagaTNT1.jpg . I don't recall how I came to have it.

Does anyone recognize the article or the call?

73,
Niel - W0VLZ

12561. RE: [AWA Group] The Saga of the TNT Transmitter by W2SN ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-10 13:44:03 UTC
From: Mike Feher
Topic: 12560 Message: 12561

Niel –

It would be interesting if you could share the rest of this with us. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, February 10, 2016 8:37 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] The Saga of the TNT Transmitter by W2SN ?

As I was looking for a copy of Dave Ingram's March 1989 article I found a draft of one titled "The Saga of the TNT Transmitter" by W2SN. I've posted the first page at https://www.prismnet.com/~nielw/TNTSaga/SagaTNT1.jpg . I don't recall how I came to have it.

Does anyone recognize the article or the call?

73,
Niel - W0VLZ

12562. Re: [AWA Group] The Saga of the TNT Transmitter by W2SN ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-10 14:35:45 UTC
From: Niel - W0VLZ
Topic: 12560 Message: 12562

Mike,

What I have is obviously a first draft complete with typos, crossed out words and misspellings, but with a lot of good information and tips. If a more polished version is out there I'd rather point to it, if not, I'll post all 10 pages of this one.

Niel - W0VLZ

'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Niel –
>
> It would be interesting if you could share the rest of this with us.
> Thanks & 73 – Mike
>
> Mike B. Feher, N4FS
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> 89 Arnold Blvd.
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> 732-886-5960
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> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Wednesday, February 10, 2016 8:37 AM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* [AWA Group] The Saga of the TNT Transmitter by W2SN ?
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> found a draft of one titled "The Saga of the TNT Transmitter" by W2SN.
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> https://www.prismnet.com/~nielw/TNTSaga/SagaTNT1.jpg
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> recall how I came to have it.
>
> Does anyone recognize the article or the call?
>
> 73,
> Niel - W0VLZ
>
>

12563. RE: [AWA Group] The Saga of the TNT Transmitter by W2SN ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-10 14:37:28 UTC
From: Mike Feher
Topic: 12560 Message: 12563

Thanks Niel. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, February 10, 2016 9:36 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] The Saga of the TNT Transmitter by W2SN ?

Mike,

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a more polished version is out there I'd rather point to it, if not,
I'll post all 10 pages of this one.

Niel - W0VLZ

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> recall how I came to have it.
>
> Does anyone recognize the article or the call?
>
> 73,
> Niel - W0VLZ
>
>

12564. Re: [AWA Group] The Saga of the TNT Transmitter by W2SN ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-10 15:40:28 UTC
From: Doug Forbes
Topic: 12560 Message: 12564

I would love to read the rest of the article Niel.

--
Doug Forbes WA6VYN

On 2/10/2016 6:35 AM, Niel - W0VLZ w0vlz@... [AWAGroup] wrote:
> Mike,
>
> What I have is obviously a first draft complete with typos, crossed out
> words and misspellings, but with a lot of good information and tips. If
> a more polished version is out there I'd rather point to it, if not,
> I'll post all 10 pages of this one.
>
> Niel - W0VLZ
>
> 'Mike Feher' n4fs@... [AWAGroup] wrote:
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>> It would be interesting if you could share the rest of this with us.
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>> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
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>> Does anyone recognize the article or the call?
>>
>> 73,
>> Niel - W0VLZ

>>
>>
>
>
> ------------------------------------
> Posted by: Niel - W0VLZ <w0vlz@...>
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> Yahoo Groups Links
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12565. Re: [AWA Group] The Saga of the TNT Transmitter by W2SN ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-10 19:57:38 UTC
From: dulmagedon@...
Topic: 12560 Message: 12565

I look forward to reading it too. I went looking for more on the double M idea as well. Dan Peterson W7OIL known to many of us has a real decent piece on it on his sight. Well worth the read even if you never intend on building one. Good photos as well.
donVe3LYX

12566. Re: [AWA Group] Copper / Wood epoxy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-10 21:59:29 UTC
From: Larry Szendrei
Topic: 12547 Message: 12566
Attachments: 1 described; binary payloads are missing from this source WARC

While I love and use JB Weld for many applications, I wouldn't recommend it for this one. I've read it contains powdered steel* as a filler and will probably be quite lossy in an RF field.

*and I believe it from its color (that's colour for Lou!).

73,
-Larry/NE1S

On 2/9/16 8:06 PM, 'Steve Flood' kk7uv@... [AWAGroup] wrote:
>
> JB Weld or Devcon Plastic Steel.
>
>

12567. Pwr Supply Xfmr Selection

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-10 22:17:47 UTC
From: Bill Stewart
Topic: 12567 Message: 12567

I have built numerous p/s for various one-tubers over the years. However, I have never really 'designed' one. Usually I'll find a xfmr that I think will give me the B+ I need, add the filtering, bleeder, etc and see what I have. More than likely, the B+ will not be what I want. Either it will be too high and I'll have to add dropping resistors to bring it down or it will be too low and will have to get a different xfmr. I ran across a p/s design
web site which the guy used upwards to 15 formulas to arrive at his final design. I'm looking a KISS method. The main thing I need is a good 'rule-of-thumb' for selecting the pwr xfmr voltage vs the target B+. For example, a one-tuber needs 350vdc at 40ma ...what xfmr voltage would be needed. Most of my needs would be 500vdc max.
Tnx, 73 de Bill K4JYS

12568. Re: [AWA Group] Pwr Supply Xfmr Selection

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-10 22:29:15 UTC
From: Larry Szendrei
Topic: 12567 Message: 12568

On 2/10/16 5:17 PM, Bill Stewart cwopr@... [AWAGroup] wrote:
> I have built numerous p/s for various one-tubers over the years.
> However, I have never
> really 'designed' one. Usually I'll find a xfmr that I think will give
> me the B+ I need,
> add the filtering, bleeder, etc and see what I have. More than likely,
> the B+ will not
> be what I want. Either it will be too high and I'll have to add
> dropping resistors to bring
> it down or it will be too low and will have to get a different xfmr. I
> ran across a p/s design
> web site which the guy used upwards to 15 formulas to arrive at his
> final design. I'm
> looking a KISS method. The main thing I need is a good 'rule-of-thumb'
> for selecting
> the pwr xfmr voltage vs the target B+. For example, a one-tuber needs
> 350vdc at 40ma
> ...what xfmr voltage would be needed. Most of my needs would be 500vdc
> max.

Bill, have you tried the PSUD2 simulation program available for free
over at:

http://www.duncanamps.com/psud2/index.html

73/GL,
-Larry/NE1S

12569. Re: Pwr Supply Xfmr Selection

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-10 23:07:25 UTC
From: dulmagedon@...
Topic: 12567 Message: 12569

I asked a similar question a few months back. It was pretty quiet. You are already up one more answer then I got. Interesting subject. Since then I learned a lot the hard way bit still would like to improve my supplies.
Have had a lot of success with doubers (and one very good tripler) and no chokes. donVe3LYX

12570. Re: [AWA Group] Re: Pwr Supply Xfmr Selection

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-11 03:12:09 UTC
From: Dry Martini Holding Company☐
Topic: 12567 Message: 12570

Don,

Have you built any regulated supplies? If so, what method did you use.

I have a hefty xfrmr with multiple secondaries. I need well regulated B+ and screen supplies for an ARC5 transmitter.

Robert
KG4KGL

Sent from my iPhone

> On Feb 10, 2016, at 18:07, dulmagedon@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> I asked a similar question a few months back. It was pretty quiet. You are already up one more answer then I got. Interesting subject. Since then I learned a lot the hard way bit still would like to improve my supplies.
> Have had a lot of success with doubers (and one very good tripler) and no chokes.
donVe3LYX
>
>

12571. Big SKED Night

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-11 04:10:22 UTC
From: Louis Vermond
Topic: 12571 Message: 12571
Attachments: 1 described; binary payloads are missing from this source WARC

NE1S and VE3AWA will QSO tomorrow Thursday, Feb. 11th at 7:30PM on or above 3605 Kc/s

Larry's AM Plate Modulated single tube Hartley will be the featured event.
All welcomed to participate on AM or SSB.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12572. Western Electric mic

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-11 04:23:29 UTC
From: mattgoff54@...
Topic: 12572 Message: 12572

I got a western electric model T-12 hand microphone a few days ago, because I have intentions of playing with modulation just for fun. It has the original cable and plug, which has me puzzled. Its smaller than the standard 1/4 phone jack and the plug is divided into four conductors, or so it seems there are 4 separate sections. Anyone have any insight as to what Im dealing with and if its at all useful? I imagine its a carbon mic, possibly a double button (think thats the correct terminology).

Also, unrelated and probably a past topic of discussion, but whats the word on finding beehive insulators these days? I have two white ones that were originally lead-ins but are the same otherwise. Id really like to get my hands on some of the brown or even blue varieties. Anyone know of a source or are they truly few and far between anymore?

73, Matt

12573. Re: [AWA Group] Re: Pwr Supply Xfmr Selection

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-11 11:44:33 UTC
From: dulmagedon@...
Topic: 12567 Message: 12573

I have not played much with regulated supplies. I hada gas tube regulated for awhile but when the reg tube died I let it die. I have strung neon bulbs or neon bulbs and resistrs for light regulation HOWEVER ARC5 power supplies I know a bit about. I have two ARC5 transmitters on the air. I did not find a need for regulation. Dave stinson recommendations on how to build one although perhaps not conventional actually work quite well. I have both stolen screen from plate supply through a resistor and powered them seperate. I have also used osc plate for screen . All three worked. If you are going to series cathode modulate then you need a more independant supply then just for CW. Hum is the big problem. It would be much less trouble if we ised 80 tube rectifiers I think but solid state rectifiers really make almost square waves and it is hard to knock the corners off so to speak. A low value ten watt wire wound on input 10 to 15 ohms helps a lo tand bypassing diodes also helps. Using multiple diodes on the string (so no diode runs anywhere near its max voltage rating seems to help. I run three typically in both side and usually build a doubler. BTW my No 19 supply will run my ARC5 stuff and visa versa. Similar voltage requirements. My Arc5s are modified for 12 volt service. A process requiring only a few minutes work and a dull headache figuring it out.
The best power supply I ever built was for my twin 811A linear. I got the design from the ARRL SSB handbook from the1970s. I did it exact (the power supply) and it is stone quite and works well. I have never built a better or as good a one. Why I dont keep that design for all is a good question. I do use a lot of what I learned. I looked a PSU schematics for many of the rigs I owned. Like my DX60B for instance. It has a very uncomplicated PSU design but works very well. I also looked at the PSU in my Kenwood hybrid TS830S. Not complicated either.
Bill asked a question. I count on 140 volts filtered DC from 120 Ac in . It is kinda my rule of thumb and that is under load . For instance all my doublers that work without a transformer from line voltage or those with back to back filament transformers (I dont do that anymore) net me under load believe it or not 282 volts. The same works for my No 19 supplies (I have two) using the ac output of the transformer. I don't use a flter choke anymore and very few commercial set do either. I read a piece by a former ham equipment designer on why he stopped using them and I understood what he said. They are a hum source with solidstate rectifiers. or can be and eliminating them has helped with that. I bypass everything with 01 caps and I used voltage dividers when I can rather then multiple windings. Back in the day we used to build linear hi voltage supplies using photoflash capacitors in series. I had built a couple fo them and they were quite. Power oscillators with directly heated tubes tend to hear too much so I just keep working till they get to a usuable state. Sometimes I am surprised at what fixes them.
I have a long way to go and am not yet satisfied with my progress but I have usable equipment so I am making progress.
Again though I would strongly suggest you read Dave Stinson's (ARC5 Group) recomendations on ARC5 AC power. I resisted for quite awhile but I am so close to his now I would be dishonest if I didn't give him credit. It just flat out works.
donVe3LYX

12574. Re: Western Electric mic

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-11 12:03:55 UTC
From: dulmagedon@...
Topic: 12572 Message: 12574

Hopefully it is a single button. Remove the element and hook a ohm meter to the element and speak into it. If it is a single button carbon the response will be excellant and wild. There are a half dozen good ways to modulate with it. Choose your poison. What some like others hate. Bottom line and the only one that matters is can you be heard and understood plainly and does you method of choice interest you. Usually you hate what you dont have. The rest is just smoke. I wont say my favourite but I have tried four methods. All worked. Some military mics have a small diameter plug. I usually rewire them for a three prong or if I don't need the PTT I just wire the element with a two contact 1/4 plug. It can be a real adventure.
donVE3LYX

12575. Re: [AWA Group] Pwr Supply Xfmr Selection

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-11 13:48:18 UTC
From: Bill Stewart
Topic: 12567 Message: 12575

Didn't know abt it....will ck it out...thanks, Bill

----- Original Message -----

From: "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, February 10, 2016 5:29:15 PM
Subject: Re: [AWA Group] Pwr Supply Xfmr Selection

On 2/10/16 5:17 PM, Bill Stewart cwopr@... [AWAGroup] wrote:

I have built numerous p/s for various one-tubers over the years. However, I have never really 'designed' one. Usually I'll find a xfmr that I think will give me the B+ I need, add the filtering, bleeder, etc and see what I have. More than likely, the B+ will not be what I want. Either it will be too high and I'll have to add dropping resistors to bring it down or it will be too low and will have to get a different xfmr. I ran across a p/s design
web site which the guy used upwards to 15 formulas to arrive at his final design. I'm looking a KISS method. The main thing I need is a good 'rule-of-thumb' for selecting the pwr xfmr voltage vs the target B+. For example, a one-tuber needs 350vdc at 40ma ...what xfmr voltage would be needed. Most of my needs would be 500vdc max.

Bill, have you tried the PSUD2 simulation program available for free over at:

http://www.duncanamps.com/psud2/index.html

73/GL,
-Larry/NE1S

12576. Re: [AWA Group] Re: Pwr Supply Xfmr Selection

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-11 13:50:22 UTC
From: Bill Stewart
Topic: 12567 Message: 12576

Don, I've also built a few choke-less p/s and they work well with good TX notes....Bill

----- Original Message -----

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, February 10, 2016 6:07:25 PM
Subject: [AWA Group] Re: Pwr Supply Xfmr Selection

I asked a similar question a few months back. It was pretty quiet. You are already up one more answer then I got. Interesting subject. Since then I learned a lot the hard way bit still would like to improve my supplies.
Have had a lot of success with doubers (and one very good tripler) and no chokes. donVe3LYX

12577. Re: [AWA Group] Re: Pwr Supply Xfmr Selection

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-11 14:33:47 UTC
From: dulmagedon@...
Topic: 12567 Message: 12577

Well you always have a nice signal into here!
donVe3LYX

12578. Re: [AWA Group] The Saga of the TNT Transmitter by W2SN ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-12 01:48:08 UTC
From: Niel - W0VLZ
Topic: 12560 Message: 12578

"TheSaga of the TNT Transmitter" and "Additional Notes on Self-Excited Oscillators" are now linked to my blog at http://w0vlz.blogspot.com/2016/02/tnt-and-hartley-notes.html .

Comments are welcome.

73,
Niel

Niel - W0VLZ w0vlz@... [AWAGroup] wrote:
>
> Mike,
>
> What I have is obviously a first draft complete with typos, crossed out
> words and misspellings, but with a lot of good information and tips. If
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> > *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> > *Sent:* Wednesday, February 10, 2016 8:37 AM
> > *To:* AWAGroup@yahoogroups.com
> > *Subject:* [AWA Group] The Saga of the TNT Transmitter by W2SN ?
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> > https://www.prismnet.com/~nielw/TNTSaga/SagaTNT1.jpg
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> > Does anyone recognize the article or the call?
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> > 73,
> > Niel - W0VLZ
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> >
>
>

12579. Re: [AWA Group] Re: Pwr Supply Xfmr Selection

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-12 06:35:01 UTC
From: Dry Martini Holding Company☐
Topic: 12567 Message: 12579

Don,

I have read Dave's suggestions. I think I mistakenly thought he said regulated. Your reply has reminded me of Dave's comments. Thinking back, I believe he just recommends a good stout supply that does not sag on key down. Well that makes things easier.

Tnx,

Robert
KG4KGL

> On Feb 11, 2016, at 06:44, dulmagedon@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> I have not played much with regulated supplies. I hada gas tube regulated for awhile but when the reg tube died I let it die. I have strung neon bulbs or neon bulbs and resistrs for light regulation HOWEVER ARC5 power supplies I know a bit about. I have two ARC5 transmitters on the air. I did not find a need for regulation. Dave stinson recommendations on how to build one although perhaps not conventional actually work quite well. I have both stolen screen from plate supply through a resistor and powered them seperate. I have also used osc plate for screen . All three worked. If you are going to series cathode modulate then you need a more independant supply then just for CW. Hum is the big problem. It would be much less trouble if we ised 80 tube rectifiers I think but solid state rectifiers really make almost square waves and it is hard to knock the corners off so to speak. A low value ten watt wire wound on input 10 to 15 ohms helps a lo tand bypassing diodes also helps. Using multiple diodes on the string (so no diode runs anywhere near its max voltage rating seems to help. I run three typically in both side and usually build a doubler. BTW my No 19 supply will run my ARC5 stuff and visa versa. Similar voltage requirements. My Arc5s are modified for 12 volt service. A process requiring only a few minutes work and a dull headache figuring it out.
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capacitors in series. I had built a couple fo them and they were quite. Power oscillators with directly heated tubes tend to hear too much so I just keep working till they get to a usuable state. Sometimes I am surprised at what fixes them.
> I have a long way to go and am not yet satisfied with my progress but I have usable equipment so I am making progress.
> Again though I would strongly suggest you read Dave Stinson's (ARC5 Group) recomendations on ARC5 AC power. I resisted for quite awhile but I am so close to his now I would be dishonest if I didn't give him credit. It just flat out works.
> donVe3LYX
>
>

12580. Re: [AWA Group] Re: Pwr Supply Xfmr Selection

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-12 13:30:13 UTC
From: dulmagedon@...
Topic: 12567 Message: 12580

I have notes I made. From the 550 dc in draw screen through a 20k resistor (I use 10 watts although he sqid 5watts.)from the same 550 line (which is your plate supply BTW) drop a 15k 10 watter and to the end of that a 100K to ground. (I use 10 watters but the 100k doesnt carry much load so that is overkill but "what could it heurt" At the uniion on the 15K and the 100 k take off your osc voltage. The seeing eye tube in you set does not affect operation. so can be removed especially since most of the crystal plug ins do not fit ham use anyway and can also be removed. If you run the osc at higher voltage and I have it just makes it harder to quiet down although the tube can stand it. I use a similar set up for my No 19. although screens and rx and osc all run with a nominal 270V supply. On transmit the voltage will sag even with the original dynamotor supply. You can build a 24 volt heater supply easily. (the heating industry uses 24 volt transformers everywhere) oryou can in a few minutes convert it to 12 volts by putting the heaters in parallel as they are seriesed. If you use original screen or plate modulation these voltages are fine. If you series cathode modulate it like I do then you need to add the voltage drop of the series modulating tube to your plate voltage so you have the 1625 finals at full spec for your sets plate voltage.(500 to 550) I use for that reason 750 , 200 for the ^Y^ and 550 for the 1625s. ALSO and this is a must. There is a white or off colour white capacitor at the front of the Pa tank coil. replace it right away before firing with a 1 to 2 KV cap (I use 01 2kv ceramic disc) It will fil very quickly in use if you dont and presents some phantom symptoms that will keep you guessing and wondering where did the power go? Since you know it is going to fail and the cure is under $2 just do it now and it will never happen. The roller inductor is more in the way then a help unless you are running to short an antenna. You could just put your own 2 turn llink around the cold end of the tank and be done with it or they will operate quite well with a low value high voltage cap in series with the antenna output and the roller at minimum setting. The relay if you go to 12v will need to be bypassed (I did that so the set is always restorable by removing the relay bypass wire.) And you might want a keying jack in the front which connects to the relay contact and case. (AKA Ground) Plugs for the sets are hard to find here so I fed my PSU wires through the plug socket holes and soldered them to the pin lugs inside . That way the set is easily and quickly returnable to stock and is not butchered. I usually use mine on AM with thw AWA Sunday events but for the Linc Cundall I event finished up the night with an hour to go with it on CW working Larry then Lou just before the bell rang for the day. Need any help just ask. I so remeber struggling my way through and how I got where I now am. Reaolly the ARC5s are a bargin. I paid $17 for both mine and bought them about a year apart. currently they go from between about $34 and $76 which isnt even the privce of the tubes in reality. donVe3LYX

12581. Nice job of it...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-12 15:35:23 UTC
From: Louis Vermond
Topic: 12581 Message: 12581

http://www.ebay.com/itm/Rook-Litz-Coil-for-Crystal-Radio-Sets-/331775936052?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12582. Testing lessons I learned earlier this past year.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-12 20:17:54 UTC
From: dulmagedon@...
Topic: 12582 Message: 12582

Earler this past year I learned a lesson in testing from a UK Ham (Wales) that I would like to share if I may. He discovered I had an operational No 19 WS and he had an operational WS 52 (A receiver of the same era and of the type and application that would suggest they were used in concert during the Big One. In fact the knobs and dials are identical in design.) He asked if I was serious about trying a pond hop and I was. He laid out the procedure we would use and when I learned he had been a Marine Radio ops for a bit so I choose to listen. Since all he had Vintage operational at that time was a RX he would not be able to answer me with a vintage rig 9He has a T1154 but it wasnt at his QTH then) so didnt ask what I would say. He said I was to send every night at the same time on the same freq and if were were blocked go +5. And so We started. I sent very slow (it was a CW deal) figuring the very slow would stand out. We worked at it for two weeks minus a night or so when one of us couldn't be there. He choose what was 6 Pm here for me. A couple of times he told me he could hear some very slow Cw but wasn't sure. After about 7 or 8 days I told him thanks for trying but I figured it was a wash. He wouldn't let me quit and so I plodded on then one night he sent back to me by computer my message verbatim and said it was solid copy. There was no denyng it. I would have given up much earlier figuring it was hopeless. He knew better. The distance ATCF was 3725 miles and we were on 40M. We had set a time limit so I wouldn't be sending and sending . I usually sent for a solid 5 minutes using the CHU time signal to be on time with him. It was not a big inconvenience for either of us and worked out well. It was a method I learned that will help me the rest of my days. CW or AM. Conditions are not always good but I learned from him sometime they probably will be. Thank You Andrew.
donVe3LYX

12583. Aero Coil Set 15-130M

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-13 16:18:36 UTC
From: Don Buska - The Radio Lab Works
Topic: 12583 Message: 12583
Attachments: 2 described; binary payloads are missing from this source WARC

Hey AWA Brothers,

I have a set of AERO Coils for 15-130 Meters. If someone plans on building a vintage SW receiver this might be what you need. It's excess to my current and future project list. I'd like to get $30 for the set plus shipping. I can only ship via USPS Priority Mail from home (53144 area code) and will charge the exact shipping cost to whomever buys this set. Figure it to be 2 lbs boxed which should run around $12 CONUS. Sorry to my Canadian (and other DX) friends, but Priority Mail above the north border is crazy and wouldn't be worth it unless you have a friendly address south of the border.

Here's a picture of the set: (I don't think they were ever used)

First come first served.

Don N9OO
--

12584. Re: [AWA Group] Aero Coil Set 15-130M [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-13 16:26:14 UTC
From: Louis Vermond
Topic: 12584 Message: 12584
Attachments: 2 described; binary payloads are missing from this source WARC

SOLD! Lou

----- Original Message -----
From: Don Buska - The Radio Lab Works don@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-02-13 11:18 AM
Subject: [AWA Group] Aero Coil Set 15-130M [2 Attachments]

Hey AWA Brothers,

I have a set of AERO Coils for 15-130 Meters. If someone plans on building a vintage SW receiver this might be what you need. It's excess to my current and future project list. I'd like to get $30 for the set plus shipping. I can only ship via USPS Priority Mail from home (53144 area code) and will charge the exact shipping cost to whomever buys this set. Figure it to be 2 lbs boxed which should run around $12 CONUS. Sorry to my Canadian (and other DX) friends, but Priority Mail above the north border is crazy and wouldn't be worth it unless you have a friendly address south of the border.

Here's a picture of the set: (I don't think they were ever used)

First come first served.

Don N9OO

--

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12585. Re: Aero Coil Set 15-130M

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-13 16:35:58 UTC
From: dulmagedon@...
Topic: 12583 Message: 12585

Actually USPS is THE ONLY way to ship stuff to us. I buy and have bought a lot from the US and now specicify "IF no USPS shipping no deal." The figures shown on Ebay for shipping are irrelevant. "The Other Don" testing on 3605kcs today top of the hours)

12586. RE: [AWA Group] Re: Aero Coil Set 15-130M

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-13 18:04:06 UTC
From: Mike Feher
Topic: 12583 Message: 12586

I sent Dave, VE3NNG a porcelain knife switch a few months ago by USPS and it was just a small one. It still cost me about $11. So, shipping to Canada is still not cheap and does need to be taken into consideration. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, February 13, 2016 11:36 AM
To: AWAGroup@...m
Subject: [AWA Group] Re: Aero Coil Set 15-130M

Actually USPS is THE ONLY way to ship stuff to us. I buy and have bought a lot from the US and now specicify "IF no USPS shipping no deal." The figures shown on Ebay for shipping are irrelevant. "The Other Don" testing on 3605kcs today top of the hours)

12587. RE: [AWA Group] Re: Aero Coil Set 15-130M

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-13 18:26:37 UTC
From: dulmagedon@...
Topic: 12583 Message: 12587

I see. Well as you will remember I just bought that uv199 from your pal. Sure it wasnt cheap but it wasnt crazy.
I have a brother and a sister who live south of the line. I used to ship to them and then go and get it as they were both by the border. I decided very quickly USPS was far cheaper. So it isnt cheap as you put it but do we quit because of that? Tis not the Canadian way. Persevere regardless. And since we dont pay for medical we have the spare cash.
DonVe3LYX

12588. RE: [AWA Group] Re: Aero Coil Set 15-130M

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-13 18:32:11 UTC
From: Mike Feher
Topic: 12583 Message: 12588

Well, now that I am over 70 you would think my medical premiums and prescriptions would go down. But not only no, but hell no. They keep on going up. The sad thing is the Docs see less and less of it. I do not believe Socialist Medicare is our answer, but what we have now sucks. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, February 13, 2016 1:27 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Re: Aero Coil Set 15-130M

I see. Well as you will remember I just bought that uv199 from your pal. Sure it wasnt cheap but it wasnt crazy.
I have a brother and a sister who live south of the line. I used to ship to them and then go and get it as they were both by the border. I decided very quickly USPS was far cheaper. So it isnt cheap as you put it but do we quit because of that? Tis not the Canadian way. Persevere regardless. And since we dont pay for medical we have the spare cash.
DonVe3LYX

12589. Still Available - Aero Coil Set 15-130M [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-13 18:58:53 UTC
From: Don Buska - The Radio Lab Works
Topic: 12583 Message: 12589
Attachments: 3 described; binary payloads are missing from this source WARC

Lou changed his mind on these guys, so they are still available.

I checked and it does appear they will send to Canada for around $16 or
so via First Class.

Don

On 2/13/2016 10:18 AM, Don Buska - The Radio Lab Works
don@radiolabworks.com [AWAGroup] wrote:
>
> Hey AWA Brothers,
>
> I have a set of AERO Coils for 15-130 Meters. If someone plans on
> building a vintage SW receiver this might be what you need. It's
> excess to my current and future project list. I'd like to get $30 for
> the set plus shipping. I can only ship via USPS Priority Mail from
> home (53144 area code) and will charge the exact shipping cost to
> whomever buys this set. Figure it to be 2 lbs boxed which should run
> around $12 CONUS. Sorry to my Canadian (and other DX) friends, but
> Priority Mail above the north border is crazy and wouldn't be worth it
> unless you have a friendly address south of the border.
>
> Here's a picture of the set: (I don't think they were ever used)
>
>
>
> First come first served.
>
> Don N9OO
>
> --
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2016.0.7442 / Virus Database: 4522/11617 - Release Date: 02/13/16
>

--

12590. Re: [AWA Group] Re: Aero Coil Set 15-130M

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-13 19:13:00 UTC
From: Louis Vermond
Topic: 12583 Message: 12590
Attachments: 1 described; binary payloads are missing from this source WARC

Canadian "Socialist" Medicare as amagened in the US....

:0)

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12591. Re: Aero Coil Set 15-130M

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-13 20:30:42 UTC
From: w0vlz@...
Topic: 12583 Message: 12591

Potential great foundation for a neat radio.

Details at https://www.prismnet.com/~nielw/onestep/onestep.htm

73,
Niel - W0VLZ

12592. RE: [AWA Group] Still Available - Aero Coil Set 15-130M [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-13 21:26:13 UTC
From: Carl Nord
Topic: 12583 Message: 12592
Attachments: 2 described; binary payloads are missing from this source WARC

Don,

I will take them if they are still available

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, February 13, 2016 1:59 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Still Available - Aero Coil Set 15-130M [1 Attachment]

Lou changed his mind on these guys, so they are still available.

I checked and it does appear they will send to Canada for around $16 or so via First Class.

Don

On 2/13/2016 10:18 AM, Don Buska - The Radio Lab Works don@radiolabworks.com [AWAGroup] wrote:

Hey AWA Brothers,

I have a set of AERO Coils for 15-130 Meters. If someone plans on building a vintage SW receiver this might be what you need. It's excess to my current and future project list. I'd like to get $30 for the set plus shipping. I can only ship via USPS Priority Mail from home (53144 area code) and will charge the exact shipping cost to whomever buys this set. Figure it to be 2 lbs boxed which should run around $12 CONUS. Sorry to my Canadian (and other DX) friends, but Priority Mail above the north border is crazy and wouldn't be worth it unless you have a friendly address south of the border.

Here's a picture of the set: (I don't think they were ever used)

First come first served.

Don N9OO

--

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2016.0.7442 / Virus Database: 4522/11617 - Release Date: 02/13/16

--

12593. SOLD - Aero Coil Set 15-130M [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-13 21:26:48 UTC
From: Don Buska - The Radio Lab Works
Topic: 12583 Message: 12593

The coils have found a new home and hopefully will become part of a really nice radio like the sample Niel just provided.

73
Don 900

12594. RE: [AWA Group] Re: Aero Coil Set 15-130M

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-13 22:38:43 UTC
From: Mike Feher
Topic: 12583 Message: 12594
Attachments: 1 described; binary payloads are missing from this source WARC

No, not like that at all. For example last year I had a hospital stay that cost over $30K and I did not have to pay anything. This past Wednesday I went to a clinic for blood-work, called my doctor’s office on Thursday and was in to see her the first thing Friday morning. Also all cost free. However, my premiums are sky high. – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, February 13, 2016 2:13 PM
To: AWAGroup
Subject: Re: [AWA Group] Re: Aero Coil Set 15-130M

☐

Canadian "Socialist" Medicare as amagened in the US....

:0)

This email has been sent from a virus-free computer protected by Avast.
<https://www.avast.com/sig-email> www.avast.com

12595. Re: [AWA Group] Re: Aero Coil Set 15-130M

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-13 22:40:27 UTC
From: dulmagedon@...
Topic: 12583 Message: 12595

Speaking of Herr Maex, I was in Treier Germany about a year ago. The site of note in the town square (StadMarkt) was the home of Karl Marx which is now a Euro Store or we would say a Dollar Store.
I took pictures. I was satisfying to see capitalism flourishing in his former home.
donVe3LYX
Neat coils by the way. Should make someone a great project.

12596. Hartley test Phone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-14 12:58:30 UTC
From: dulmagedon@...
Topic: 12596 Message: 12596

8 am and 9 am on or about 3605kcs running bout 3.5 watts out. And later today from 3 to 6 on the hour. Will call for 5 minutes and answer in Cw or ssb fine
donVe3LYX

12597. Re: [AWA Group] Hartley test Phone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-14 13:18:51 UTC
From: Louis Vermond
Topic: 12596 Message: 12597

8 am and 9 am on or about 3605kcs running bout 3.5 watts out. And later today from 3 to 6 on the hour. Will call for 5 minutes and answer in Cw or ssb fine
donVe3LYX

GM Don,

Remember that Larry and I will be on 3605 this evening at 7:30 giving Loop Wabulation another go. Hope CU there. Lou

---
This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12598. Re: [AWA Group] Hartley test Phone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-14 13:51:55 UTC
From: Don Dulmage
Topic: 12596 Message: 12598

Lou If I could I would but I am away from 6pm to about 8pm. I wish I could be there but tisn;t possible. It is not because I dont want to be. Perhaps I can leave a rx running with a tape recorder.
That is a long haul though between you and Larry . over 600 Miles ATCF. He might only hear your carrier. But Good Luck. I really wish I could be there. I will listen when I get home anyway just in case you guys are still playing.
donVE3LYX

On Sun, 2/14/16, 'Louis Vermond' ldvermond@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Hartley test Phone
To: AWAGroup@yahoogroups.com
Received: Sunday, February 14, 2016, 8:18 AM

☐

8 am and 9 am on or about 3605kcs running bout 3.5
watts out. And later
today from 3 to 6 on the hour. Will call for 5 minutes and
answer in Cw or ssb
fine
donVe3LYX

GM Don,

Remember that Larry and I will be
on 3605 this evening
at 7:30 giving Loop Wabulation another go. Hope CU there.
Lou

This email has been sent from a
virus-free computer protected by Avast.
www.avast.com

12599. Re: [AWA Group] TNT test Phone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-14 14:11:41 UTC
From: Louis Vermond
Topic: 12599 Message: 12599

Lou If I could I would but I am away from 6pm to about 8pm. I wish I could be there but tisn;t possible. It is not because I dont want to be. Perhaps I can leave a rx running with a tape recorder.
That is a long haul though between you and Larry . over 600 Miles ATCF. He might only hear your carrier. But Good Luck. I really wish I could be there. I will listen when I get home anyway just in

There'll be another SKEDs Don, so no sweat.

With DC on the '10s filament, 450B+ on the plate and a tight loading, going all out to give Larry a few understandable words...condx willing.

73, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12600. Re: [AWA Group] TNT test Phone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-14 14:25:16 UTC
From: Don Dulmage
Topic: 12599 Message: 12600

As my ancestors would say I will press together my thumbs for you!
donVe3LYX
Give me afreq and I will leave the rx and recorder on while I am out.
don

On Sun, 2/14/16, 'Louis Vermond' ldvermond@... [AWAGroup] <AWAGroup@yahoogroups.com>
wrote:

Subject: Re: [AWA Group] TNT test Phone
To: AWAGroup@yahoogroups.com
Received: Sunday, February 14, 2016, 9:11 AM

□

Lou If I could I would but I am away from 6pm to
about 8pm. I wish I could
be there but tisn;t possible. It is not because I dont want
to be. Perhaps I can
leave a rx running with a tape recorder.
That is a long haul though between
you and Larry . over 600 Miles ATCF. He might only hear your
carrier. But Good
Luck. I really wish I could be there. I will listen when I
get home anyway just
in

There'll be another SKEDs
Don, so no sweat.

With DC on the '10s filament,
450B+ on the plate and a
tight loading, going all out to give Larry a few
understandable
words...condx willing.

73, Lou

This email has been sent from a
virus-free computer protected by Avast.
www.avast.com

12601. Re: [AWA Group] TNT test Phone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-14 14:37:11 UTC
From: Louis Vermond
Topic: 12599 Message: 12601

Our aim is 3605 up...

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12602. New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-14 14:45:08 UTC
From: Louis Vermond
Topic: 7747 Message: 12602

I simply enjoy the feeling of being back in the pioneer days of radio....and want to learn and contribute to keeping this side of ham radio alive...

Please introduce yourself, OM.

73, Lou VE3AWA

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12603. RE: [AWA Group] New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-14 14:57:49 UTC
From: Mike Feher
Topic: 7747 Message: 12603

That was the reason I did not approve. Glad you did. Felt the intro was really lacking no name and no call. Call is not necessary, but, a name would have been nice. I wonder however if we do have any members who are not licensed. Right now I cannot think of any. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, February 14, 2016 9:45 AM
To: AWAGroup
Subject: [AWA Group] New Member

I simply enjoy the feeling of being back in the pioneer days of radio....and want to learn and contribute to keeping this side of ham radio alive...

Please introduce yourself, OM.

73, Lou VE3AWA

This email has been sent from a virus-free computer protected by Avast.
<https://www.avast.com/sig-email> www.avast.com

12604. Info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-14 15:41:48 UTC
From: Roger Kuchera
Topic: 9796 Message: 12604

GM Gentlemen, I am in need of a procedure or instructions on how to put an RME Vernier back together. One thatI had was worn beyond use and I had to have a new main driveshaft machined for it. I guess I shouldhave taken more digi pix during disassembly.

I think it may have been described in an old edition of ER magazine.

Can anyone help?

Roger/K1TG

12605. Looking for a Meissner RX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-14 16:52:55 UTC
From: Roger Kuchera
Topic: 12605 Message: 12605

Gentlemen, I am looking for a restorable Meissner Traffic Master/Scout receiver. I can trade for or buy theright receiver. A museum piece is not what I am looking for.

I have for trade the following:

Millen 90700, VariArm VFO (per Jan. 41 QST); several leaky paper caps were replaced; it works but the 2-wire resistor line cord went open. Complete with coupler. Could be used as a QRP TX with a healthy 2-Watts out.

Millen 90501, Frequency Standard; Replaced leaky caps and an open 30K resistor. The cabinet was bent (Straightened now) and extra holes were plugged with sheet Brass. It has been repainted (Black crackle).

Roger/K1TG

12606. Re: [AWA Group] New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-14 17:09:08 UTC
From: Louis Vermond
Topic: 7747 Message: 12606

That was the reason I did not approve. Glad you did. Felt the intro was really lacking no name and no call. Isn't that the usual tho?

Call is not necessary, but, a name would have been nice. Yes, and if they have parts to trade!! >>> :0)

I wonder however if we do have any members who are not licensed. Perhaps Matt?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12607. Re: [AWA Group] New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-14 17:13:55 UTC
From: Eric NO3M
Topic: 7747 Message: 12607

Matt is licensed, don't have his call handy at the moment, but we had a QSO when I was testing a 80M MOPA a couple weeks or so back.

73 Eric NO3M

On 02/14/2016 12:09 PM, 'Louis Vermond' ldvermond@...
[AWAGroup] wrote:
>
> That was the reason I did not approve. Glad you did. Felt the intro
> was really lacking no name and no call. Isn't that the usual tho?
> Call is not necessary, but, a name would have been nice. Yes, and if
> they have parts to trade!! >>> :0)
> I wonder however if we do have any members who are not licensed.
> Perhaps Matt?
> .
>
>

12608. Re: [AWA Group] New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-14 17:18:25 UTC
From: Louis Vermond
Topic: 7747 Message: 12608

Tks Eric.

The Bakelite hunting is coming up here...

----- Original Message -----
From: Eric NO3M no3m@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-02-14 12:13 PM
Subject: Re: [AWA Group] New Member

Matt is licensed, don't have his call handy at the moment, but we had a QSO when I was testing a 80M MOPA a couple weeks or so back.

73 Eric NO3M

On 02/14/2016 12:09 PM, 'Louis Vermond' ldvermond@sympatico.ca [AWAGroup] wrote:

That was the reason I did not approve. Glad you did. Felt the intro was really lacking no name and no call. Isn't that the usual tho?

Call is not necessary, but, a name would have been nice. Yes, and if they have parts to trade!! >>> :0)

I wonder however if we do have any members who are not licensed. Perhaps Matt?

.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12609. Re: [AWA Group] New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-14 17:33:25 UTC
From: Leonard Meek
Topic: 7747 Message: 12609

I'm not licensed, and since I have nothing to say I don't see the necessity of getting a license. I had a Halli HT32 once and thought about geting a license but there's too many rules & regs. So I'll just keep plodding along playing with my receivers and listening to others.

Leonard

----- Original Message -----
From: 'Louis Vermond' ldvermond@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Sunday, February 14, 2016 7:09 AM
Subject: Re: [AWA Group] New Member

That was the reason I did not approve. Glad you did. Felt the intro was really lacking no name and no call. Isn't that the usual tho?

Call is not necessary, but, a name would have been nice. Yes, and if they have parts to trade!! >>> :0)

I wonder however if we do have any members who are not licensed. Perhaps Matt?

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12610. Re: [AWA Group] TNT test Phone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-14 18:50:25 UTC
From: dulmagedon@...
Topic: 12599 Message: 12610

My event this evening was scrubbed so I can be there. Will continue though with my testing top of each hour. 2 pm coming up. I am running the rat trap with a loop and fixed mic speaking through a tube. I am using a 201A because it is my most stable set up.
Be careful with the big tube and big power. I will be watching to see how you make out. Never thought of doing it with the 211. You shouldn't be too concerned though. The time I listened for you there was nothing wrong with your signal. I am 186 miles away. Was as good as any and better then some & I op AM every single day.
donVE3LYX

BTW Hi,Leonard (Mr Regen)

12611. Re: [AWA Group] New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-14 18:53:09 UTC
From: K3PID
Topic: 7747 Message: 12611

Leonard! Communication is by definition: a process by which information is exchanged between individuals through a common system of symbols, signs, or behavior <the function of pheromones in insect communication>; also : exchange of information. You'll find no better place to share your knowledge and gain knowledge in exchange than this group. Although we do enjoy some "on air" events, a license is not a requisite for communicating with this group... only a desire to understand and enjoy the hobby.

Ron K3PID

I wonder if my Vibroplex has pheromones? Well it IS a bug..... sorry...

From: mailto:AWAGroup@yahoogroups.com
Sent: Sunday, February 14, 2016 11:33 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] New Member

I'm not licensed, and since I have nothing to say I don't see the necessity of getting a license. I had a Halli HT32 once and thought about geting a license but there's too many rules & regs. So I'll just keep plodding along playing with my receivers and listening to others.

Leonard

12612. Re: [AWA Group] New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-14 19:43:28 UTC
From: dulmagedon@...
Topic: 7747 Message: 12612

Leonard is an expert on regen design and has built many units often of his own design.(Mk1 through Mk VI I think) I have been involved with him in other groups for a few years. And I think he would have no trouble helping us by monitoring a few times. An area that we can all benifit from. Never seem to be enough ears around. While I wish he was on with us I respect him and his dedication to the hobby enough to let it be.
donVe3LYX

12613. Re: [AWA Group] New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-14 19:44:31 UTC
From: Leonard Meek
Topic: 7747 Message: 12613

Ron, I'm thoroughly aware of the advantages of being a member of the group, even though I'm not really into transmitters. I have worked on radar a lot in the past but somehow never developed an interest in building or operating radio transmitters. The closest thing I have to a transmitter is a TBY-8, but it has never been fired up. I do enjoy reading Don's exploits with his one tubers, etc, but I don't think I'll ever get around to indulging in anything more than just listening.

Leonard

----- Original Message -----
From: 'K3PID' ron.k3pid@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Sunday, February 14, 2016 8:53 AM
Subject: Re: [AWA Group] New Member

Leonard! Communication is by definition: a process by which information is exchanged between individuals through a common system of symbols, signs, or behavior <the function of pheromones in insect communication>; also : exchange of information. You'll find no better place to share your knowledge and gain knowledge in exchange than this group. Although we do enjoy some "on air" events, a license is not a requisite for communicating with this group... only a desire to understand and enjoy the hobby.

Ron K3PID

I wonder if my Vibroplex has pheromones? Well it IS a bug..... sorry...

From: mailto:AWAGroup@yahoogroups.com
Sent: Sunday, February 14, 2016 11:33 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] New Member

I'm not licensed, and since I have nothing to say I don't see the necessity of getting a license. I had a Halli HT32 once and thought about geting a license but there's too many rules & regs. So I'll just keep plodding along playing with my receivers and listening to others.

Leonard

12614. Re: [AWA Group] TNT test Phone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-14 20:06:04 UTC
From: Louis Vermond
Topic: 12599 Message: 12614

Be careful with the big tube and big power. Don, The 203A hijinks last night was all 400V and not a serious anything. Fooling around...

Hope CU at 7:30 3605 up. If not, we'll SKED any evening u wish. Lou

---
This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12615. Re: [AWA Group] TNT test Phone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-14 20:32:45 UTC
From: Don Dulmage
Topic: 12599 Message: 12615

oK Danke

On Sun, 2/14/16, 'Louis Vermond' ldvermond@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] TNT test Phone
To: AWAGroup@...m
Received: Sunday, February 14, 2016, 3:06 PM

☐

Be careful with the big tube and big power. Don,
The 203A hijinks last night was all 400V and not a serious anything.
Fooling around...

Hope CU at 7:30 3605 up. If not, we'll SKED any
evening u wish. Lou

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12616. NO3M

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-14 22:52:42 UTC
From: Louis Vermond
Topic: 12616 Message: 12616

If you've not done so, suggest you visit here...

http://no3m.net/2014/06/another-630m-hartley-transmitter/

http://no3m.net/2016/02/electrolytic-rectifiers/

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12617. Fw: Tonight's recordings of Lou's Loopie as received at NE1S

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 01:59:10 UTC
From: Louis Vermond
Topic: 12617 Message: 12617
Attachments: 3 described; binary payloads are missing from this source WARC

One is from slope-detection on the TS-440S, and the other two were detected in the FM mode on the Softrock SDR using the SDRDX program.

Filenames should be self-explanatory... NE1S

543 Miles with this...

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https://www.avast.com/antivirus

12618. Re: [AWA Group] The Saga of the TNT Transmitter by W2SN ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 05:30:14 UTC
From: w0vlz@...
Topic: 12560 Message: 12618

Does anyone have an early 80s callbook and can you look up W2SN for me? I'd like to put a name to the papers I've posted at
http://w0vlz.blogspot.com/2016/02/tnt-and-hartley-notes.html
http://w0vlz.blogspot.com/2016/02/tnt-and-hartley-notes.html

12619. Re: [AWA Group] The Saga of the TNT Transmitter by W2SN ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 11:30:25 UTC
From: Don Dulmage
Topic: 12560 Message: 12619

Vernon L Clifford, 41 Purdy Ln, Amityville NY
donVE3LYX

On Mon, 2/15/16, w0vlz@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] The Saga of the TNT Transmitter by W2SN ?
To: AWAGroup@yahoogroups.com
Received: Monday, February 15, 2016, 12:30 AM

Does anyone have an early 80s callbook and can you
look up W2SN for me? I'd like to put a name to the
papers I've posted at http://w0vlz.blogspot.com/2016/02/tnt-and-hartley-notes.html

12620. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 11:45:08 UTC
From: Louis Vermond
Topic: 130 Message: 12620

See Coto coils

http://www.ebay.tv/sch/Other-Radio-Communication-Accs-/40059/i.html?_sop=10&_nkw=ham+coils

---
This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12621. Keying the Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 12:09:28 UTC
From: dfaklis@...
Topic: 12621 Message: 12621

I'm building a two-27 Hartley based on WA9WFA and AB0CW's schematics. Both show the key, with a parallel cap, from cathode to ground. B+ will be ~250VDC. What is the approximate voltage across the key? Is it an improvement in keying, and/or safety, to put a resistor in series with that cap? If so, for some reasonable C and RC, R might be in the range of 100 ohms - 1K ohms, but what power rating? Thank you.

73, Dean, NW2K

12622. Re: Keying the Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 12:36:05 UTC
From: dulmagedon@...
Topic: 12621 Message: 12622

Cathode keying is quite normal in many older rigs. Some military keys are shielded but most hams know when the PSU is on don't put your fingers across any two points anywhere. Same goes for exposed wiring and coils. On my TNT I installed a Bunnel Railway relay (150 ohm or 6 volt) and key it. Not because I was afeared of the shock but because I don't like long lines coming from a self controlled power oscillator. It does nothing for stability. The relay allows me very short lines, less wobble when moving near it and low voltage keying. I was worried it wouldn't be fast enough but it can stay even with my Bug when keying. My homemade keys are wooden including the spring and so other then the connection nuts no shock hazard is available. They are faster then traditional keys as they never leave your fist no matter how fast you go. I played around with resistors and caps.Still use a cap(.01 1kv) but the resistor thing did not seem to suit the old style rigs.
donVe3LYx

12623. Re: [AWA Group] The Saga of the TNT Transmitter by W2SN ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 15:29:14 UTC
From: Niel - W0VLZ
Topic: 12560 Message: 12623

Thanks Don. That's what I was looking for.

73,
Niel - W0VLZ

Don Dulmage dulmagedon@... [AWAGroup] wrote:
>
> Vernon L Clifford, 41 Purdy Ln, Amityville NY
> donVE3LYX
> ----------
>
>> On Mon, 2/15/16, w0vlz@... [AWAGroup]
>> <AWAGroup@yahoogroups.com> wrote:
>>
>> Subject: Re: [AWA Group] The Saga of the TNT Transmitter by W2SN ?
>> To: AWAGroup@yahoogroups.com
>> Received: Monday, February 15, 2016, 12:30 AM
>>
>>
>> Does anyone have an early 80s callbook and can you
>> look up W2SN for me? I'd like to put a name to the
>> papers I've posted at
>> http://w0vlz.blogspot.com/2016/02/tnt-and-hartley-notes.html
>>

12624. TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 15:59:19 UTC
From: mattgoff54@...
Topic: 12624 Message: 12624

I thought I would try putting together a TNT for 80m as per the classic handbook version, same layout etc. Its been giving me a variety of troubles. I have a list but if anyone could give me their wise opinion on these few Id appreciate it. First off, Im running a 210 and the tank is comprised of 12 turns copper and a 15 plate cardwell padded with a 100uf tan 1500v sangamo. All other caps are the old brown sangamos: plate blocking 500uf, grid 250uf, and 200uf filament bypass. Grid coil is wound on 1in dowel with magnet wire, 56 turns. Im running a fil voltage of 6.3vac because i dont have a good 7.5v source. The main problems Im having are bad tone, chirp, and some drift. I know, probably not unusual. My hartley with parallel 27's sounds like a million bucks compared to this though. When I tune through the range allowed by the smaller tank cap plate current goes from 15ma to about 55 as i open the plates. No real dip in between. Ive fooled with different turns in the grid coil to no avail, seems that more or less than what ive got shoots the plate current way up no matter where the tank cap is set. Im feeding it into 5 turns ant coil in into an mfg antenna tuner, set to where my icom tunes the freq i want. However with a tuning lamp on the grid end of the coil I never get the lamp all that dim, so I dont know of its really hitting resonance with the tnt. I thought the lamp was supposed to almost go out when the antenna tank is in resonance ans sucking the rf out. Could be wrong. Another observation is the tube....it has a visible blue edison effect on the outside of the plate even at the normal plate currents. Dont know if this means its gassy and might be part of my problem. Tone is a lot better with an 01a and substituted voltage values.

Any help appreciated. Sometimes I dont know how you guys build these things without going crazy, although I guess some would say we're all crazy hi hi. Thanks,

Matt

12625. RE: [AWA Group] TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 16:52:40 UTC
From: Carl Nord
Topic: 12624 Message: 12625

Matt,

The grid coil is important here. It needs to be on the same frequency as you want to be on. It took me a number of cuts on the coil to find the sweet spot.

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, February 15, 2016 10:59 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] TNT Woes

I thought I would try putting together a TNT for 80m as per the classic handbook version, same layout etc. Its been giving me a variety of troubles. I have a list but if anyone could give me their wise opinion on these few Id appreciate it. First off, Im running a 210 and the tank is comprised of 12 turns copper and a 15 plate cardwell padded with a 100uf tan 1500v sangamo. All other caps are the old brown sangamos: plate blocking 500uf, grid 250uf, and 200uf filament bypass. Grid coil is wound on 1in dowel with magnet wire, 56 turns. Im running a fil voltage of 6.3vac because i dont have a good 7.5v source. The main problems Im having are bad tone, chirp, and some drift. I know, probably not unusual. My hartley with parallel 27's sounds like a million bucks compared to this though. When I tune through the range allowed by the smaller tank cap plate current goes from 15ma to about 55 as i open the plates. No real dip in between. Ive fooled with different turns in the grid coil to no avail, seems that more or less than what ive got shoots the plate current way up no matter where the tank cap is set. Im feeding it into 5 turns ant coil in into an mfg antenna tuner, set to where my icom tunes the freq i want. However with a tuning lamp on the grid end of the coil I never get the lamp all that dim, so I dont know of its really hitting resonance with the tnt. I thought the lamp was supposed to almost go out when the antenna tank is in resonance ans sucking the rf out. Could be wrong. Another observation is the tube....it has a visible blue edison effect on the outside of the plate even at the normal plate currents. Dont know if this means its gassy and might be part of my problem. Tone is a lot better with an 01a and substituted voltage values.

Any help appreciated. Sometimes I dont know how you guys build these things without going crazy, although I guess some would say we're all crazy hi hi. Thanks,

Matt

12626. Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 17:03:44 UTC
From: dulmagedon@...
Topic: 12624 Message: 12626

Krazy is a good thing!
First thing I would do and I remember the experience well is take a GDO and WITH THE TUBE IN PLACE test your grid coil for freq. It should be able to be pulled to your plate coil and tuning cap tank circuits freq so at some point should be on that freq. You will probably find it is nowhere near that. I suspect too low. That was the problem I had. Also, Lou just did some very interesting experiments yesterday exploring grid leak specs so we should let him give us the full report because it is very interesting what he found out. He is kinda Mr TNT. It was him that got me into this whole mess a few years back. Pulled me off the rocks so to speak.
In fact I was winding a grid coil for myself today. Plate coil is already done. I think I am addicted.
donVe3LYX

12627. Re: [AWA Group] Keying the Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 17:16:33 UTC
From: Larry Szendrei
Topic: 12621 Message: 12627

On 2/15/16 7:09 AM, dfaklis@... [AWAGroup] wrote:
>
> I'm building a two-27 Hartley based on WA9WFA and AB0CW's schematics.
> Both show the key, with a parallel cap, from cathode to ground. B+
> will be ~250VDC. What is the approximate voltage across the key?
>

If cathode-keyed (grid circuit returned to ground) the voltage across the key will be limited to the cutoff voltage for the tube at 250V on the plate. For a a triode this will be approximately 250V divided by the amplification factor ("mu"), which for a '27 is 9, so we end up with about 28V.

If negative-lead keying is used - that's what you've got if the grid return is tied to the cathode at all times (even when unkeyed) - then the full plate supply voltage will be across the key.

> Is it an improvement in keying, and/or safety, to put a resistor in
> series with that cap?
>

If you are looking for safety, just opt for cathode keying over negative-lead keying. I don't think you'll get much current limiting with a resistor of reasonable value, because not only will the voltage-drop across the resistor increase the grid bias, put it will also subtract from the plate supply voltage; i.e., the effective plate voltage supply for the stage will be less by the voltage dropped across the resistor.

If you want to make a key-click filter with an RC circuit, I'd go higher on the C and smaller on the R for a given selection of time constant, for the above reasons. In other words, 100 ohms sounds more reasonable than 1000 ohms.

> If so, for some reasonable C and RC, R might be in the range of 100
> ohms - 1K ohms, but what power rating? Thank you.
>
>

See above.

73,
-Larry/NE1S

12628. Re: [AWA Group] Re: Keying the Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 17:34:19 UTC
From: Ron Barlow
Topic: 12621 Message: 12628

Hi Dean, I key my 27 Hartley transmitter in the B+ lead (via a relay), so I can't readily determine the answer to your question, via actual measurement. However, looking at the curves for the 27 indicates that plate current cutoff occurs @ ~ 32 volts, with 250 volts on the plate. Thus, the voltage across the key will be in the neighborhood of 32 volts. This assumes that the grid return is connected to B-, not to the cathode of the 27 tube. lf the latter connection is used, the key up cathode voltage will be much higher".
I suggest that you do NOT add a resistor in series with the cap that you describe. That is an RF bypass cap. Adding such a resistor will reduce the ability of that cap to perform its function. The addition of such a resistor will also allow RF to appear on the leads to the key, which will likely yield some other undesired
results. 73 & GL with
your fb project! Ron
n4gjv

On Monday, February 15, 2016 7:36 AM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Cathode keying is quite normal in many older rigs. Some military keys are shielded but most hams know when the PSU is on don't put your fingers across any two points anywhere. Same goes for exposed wiring and coils. On my TNT I installed a Bunnel Railway relay (150 ohm or 6 volt) and key it. Not because I was afeared of the shock but because I don't like long lines coming from a self controlled power oscillator. It does nothing for stability. The relay allows me very short lines, less wobble when moving near it and low voltage keying. I was worried it wouldn't be fast enough but it can stay even with my Bug when keying. My homemade keys are wooden including the spring and so other then the connection nuts no shock hazard is available. They are faster then traditional keys as they never leave your fist no matter how fast you go. I played around with resistors and caps.Still use a cap(.01 1kv) but the resistor thing did not seem to suit the old style rigs.
donVe3LYx

12629. Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 17:54:57 UTC
From: mattgoff54@...
Topic: 12624 Message: 12629

I was afraid this was going to get precise and scientific. I dont have a GDO and have never used one..I anticipated the grid coil being a bit of a pain so I started with more turns than I needed and started reducing one turn at a time until I had probably around 35 turns. That was coil number one. Now Ive done another one and have stopped at the 56 turns I have. I thought my problems were probably elsewhere but Im not sure. Im also unsure of the difference in inductance caused by using the same amount of turns of magnet wire (no idea what gauge, it came from a set of hair clippers. Radio shack really sucks these days) vs the small cotton covered wire, if there is any.

Grid leak resistor is a 10k 20 watt clarostat.

12630. Callbook

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 18:01:31 UTC
From: Roger Kuchera
Topic: 12630 Message: 12630

Gentlemen, Is there anyone in out august body that collects old "Flying Horse" call books? I have a Spring, 1966DX callbook that is still in it's cardboard container. Included is a copy of "The Radio Amateurs DX Guide."

The price is right for this......shipping only.

Roger/K1TG

12631. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 18:49:04 UTC
From: Eric NO3M
Topic: 12624 Message: 12631

What's the winding length of your 32T and 56T coils along the form?

Put the 32T coil back in the rig and add a small 100pF variable across the coil. Tune the signal in on your receiver by adjusting the plate tank (cap), don't let the plate current get out of control, short dits until you find the signal. Then vary the grid variable... can you dip the plate current? If not a dip, is the current dropping towards fully meshed or fully open? This will give some hints which way to go for lack of a GDO. If you can dip the plate current, find the signal in your receiver or re-tune the plate tank to get it back on frequency. How's the note? Play with the grid capacitance around that dip and observe the note.

I tried a TNT once, worked ok, but modified it to a TPTG just to have a little finer control. My PP 45-45 TPTG has a 51.6 uH airdux grid coil tuned with a split variable (100pF / 100 pF). Takes about 25 pF (50pF / 50pF series) to get near resonance on 80M (which means there is about 13pF stray capacitance in the grid circuit).

Also, while doing preliminary adjustments, swing that antenna coupling coil out of the way and disconnect antenna lead(s). Get the rig settled before worrying about driving a load.

73 Eric NO3M

On 02/15/2016 12:54 PM, mattgoff54@... [AWAGroup] wrote:
>
> I was afraid this was going to get precise and scientific. I dont have
> a GDO and have never used one..I anticipated the grid coil being a bit
> of a pain so I started with more turns than I needed and started
> reducing one turn at a time until I had probably around 35 turns. That
> was coil number one. Now Ive done another one and have stopped at the
> 56 turns I have. I thought my problems were probably elsewhere but Im
> not sure. Im also unsure of the difference in inductance caused by
> using the same amount of turns of magnet wire (no idea what gauge, it
> came from a set of hair clippers. Radio shack really sucks these days)
> vs the small cotton covered wire, if there is any.
>
> Grid leak resistor is a 10k 20 watt clarostat.
>
>

12632. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 18:53:40 UTC
From: Louis Vermond
Topic: 12624 Message: 12632

Another observation is the tube....it has a visible blue edison effect on the outside of the plate even at the normal plate currents. Perhaps the main cause of woes? Gassy tube!

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https://www.avast.com/antivirus

12633. Re: [AWA Group] TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 18:57:03 UTC
From: Ron Barlow
Topic: 12624 Message: 12633

Hi Matt, First of all, I suggest that you absolutely not do any further testing until you increase the filament voltage to 7.5 volts, plus or minus 5%, as per manufacturers specs. To do otherwise will almost certainly result in tube damage. Aside from that, the low filament voltage will cause the transconductance (gain) of the tube to be lowered, affecting the performance in the circuit.

The 100 pf cap mica cap is very probably at least part of the cause of the frequency drift. Replace the mica cap with an air dielectric cap. My experiments with the use of solid dielectric caps in the tank circuits of my LC power oscillators always yielded drift problems. YMMV. The rough note is usually the result of oscillation on multiple frequencies--Due to excessive feedback, incorrect time constant in grid leak circuit (wrong RC ratio), etc. The incorrect feedback level can be the result of the grid circuit not being tuned correctly, in the case of a TNT or TPTG circuit. That 250 pf grid leak circuit capacitor may be a bit on the large (C) size. You might try reducing that cap to ~ 100 pf, if all else fails.

I suspect that omitting the tuner from the mix would simplify matters greatly. The tuner is adjusted to present a proper load at one specific frequency, while you are altering the transmitter frequency over a rather wide range, in an attempt to find the "sweet spot"---That's somewhat like a dog chasing its tail, IMHO. Use a resistive dummy load, until you have sorted things out. I like to use pilot lamps for at least part of the dummy load, as it gives me a quick visual indication of relative output power. Note, however, that the fluctuating resistance (from cold to hot) of an incandescent lamp load, will cause a chirp, in such a transmitter. If you have a suitable wattmeter, ignore the pilot lamp indicator suggestion--the wattmeter will tell the story.

When the plate current soars to 55 ma., it is an indication that oscillation has ceased. You would not want to allow this situation to continue for any significant length of time, as (depending on the plate voltage), the plate dissipation rating will be exceeded. That low filament voltage situation will be a particularly serious issue, under the high plate current situation, as the tube is the operating in an emission limited state--very bad news from all that I have read.

The blue glow is harmless if it appears on the surface of the glass envelope. Such a glow is only a problem if it appears in the space between the elements of the tube. The latter indicates excessive gas, and is more purple, in appearance, than blue, IIRC.

Above all, Matt, please correct that low filament voltage situation, before continuing---The life of your 210 depends on it! You could use a higher output voltage transformer (or 2 connected in series), plus a series dropping resistor, to correct that low filament voltage situation.

GL & 73 de Ron n4gjv

On Monday, February 15, 2016 11:52 AM, "'Carl Nord' chnord@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Matt, The grid coil is important here. It needs to be on the same frequency as you want to be on. It took me a number of cuts on the coil to find the sweet spot. Carl NordWA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, February 15, 2016 10:59 AM

To: AWAGroup@yahoogroups.com
Subject: [AWA Group] TNT Woes I thought I would try putting together a TNT for 80m as per the classic handbook version, same layout etc. Its been giving me a variety of troubles. I have a list but if anyone could give me their wise opinion on these few Id appreciate it. First off, Im running a 210 and the tank is comprised of 12 turns copper and a 15 plate cardwell padded with a 100uf tan 1500v sangamo. All other caps are the old brown sangamos: plate blocking 500uf, grid 250uf, and 200uf filament bypass. Grid coil is wound on 1in dowel with magnet wire, 56 turns. Im running a fil voltage of 6.3vac because i dont have a good 7.5v source. The main problems Im having are bad tone, chirp, and some drift. I know, probably not unusual. My hartley with parallel 27's sounds like a million bucks compared to this though. When I tune through the range allowed by the smaller tank cap plate current goes from 15ma to about 55 as i open the plates. No real dip in between. Ive fooled with different turns in the grid coil to no avail, seems that more or less than what ive got shoots the plate current way up no matter where the tank cap is set. Im feeding it into 5 turns ant coil in into an mfg antenna tuner, set to where my icom tunes the freq i want. However with a tuning lamp on the grid end of the coil I never get the lamp all that dim, so I dont know of its really hitting resonance with the tnt. I thought the lamp was supposed to almost go out when the antenna tank is in resonance ans sucking the rf out. Could be wrong. Another observation is the tube....it has a visible blue edison effect on the outside of the plate even at the normal plate currents. Dont know if this means its gassy and might be part of my problem. Tone is a lot better with an 01a and substituted voltage values.

Any help appreciated. Sometimes I dont know how you guys build these things without going crazy, although I guess some would say we're all crazy hi hi. Thanks,

Matt

12634. RE: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 18:56:32 UTC
From: Mike Feher
Topic: 12624 Message: 12634

A gassy tube has the glow between the elements and draws a lot of current. Blue glow on the glass in not unusual and is no cause for alarm.. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, February 15, 2016 1:54 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: TNT Woes

☐

Another observation is the tube....it has a visible blue edison effect on the outside of the plate even at the normal plate currents. Perhaps the main cause of woes? Gassy tube!

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<https://www.avast.com/sig-email> www.avast.com

12635. RE: [AWA Group] TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 19:00:18 UTC
From: Mike Feher
Topic: 12624 Message: 12635

Agree with Ron 100% regarding the filament. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, February 15, 2016 1:57 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] TNT Woes

Hi Matt,

First of all, I suggest that you absolutely not do any further testing until you increase the filament voltage to 7.5 volts, plus or minus 5%, as per manufacturers specs. To do otherwise will almost certainly result in tube damage. Aside from that, the low filament voltage will cause the transconductance (gain) of the tube to be lowered, affecting the performance in the circuit.

The 100 pf cap mica cap is very probably at least part of the cause of the frequency drift. Replace the mica cap with an air dielectric cap.

My experiments with the use of solid dielectric caps in the tank circuits of my LC power oscillators always yielded drift problems. YMMV.

The rough note is usually the result of oscillation on multiple frequencies--Due to excessive feedback, incorrect time constant in grid leak circuit (wrong RC ratio), etc.

The incorrect feedback level can be the result of the grid circuit not being tuned correctly, in the case of a TNT or TPTG circuit.

That 250 pf grid leak circuit capacitor may be a bit on the large (C) size. You might try reducing that cap to ~ 100 pf, if all else fails.

I suspect that omitting the tuner from the mix would simplify matters greatly. The tuner is adjusted to present a proper load at one specific frequency, while you are altering the transmitter frequency over a rather wide range, in an attempt to find the "sweet spot"---That's somewhat like a dog chasing its tail, IMHO.

Use a resistive dummy load, until you have sorted things out. I like to use pilot lamps for at least part of the dummy load, as it gives me a quick visual indication of relative output power. Note, however, that the fluctuating resistance (from cold to hot) of an incandescent lamp load, will cause a chirp, in such a transmitter. If you have a suitable wattmeter, ignore the pilot lamp indicator suggestion--the wattmeter will tell the story.

When the plate current soars to 55 ma., it is an indication that oscillation has ceased. You would not want to allow this situation to continue for any significant length of time, as (depending on the plate voltage), the plate dissipation rating will be exceeded.

That low filament voltage situation will be a particularly serious issue, under the high plate current situation, as the tube is the operating in an emission limited state--very bad news from all that I have read.

The blue glow is harmless if it appears on the surface of the glass envelope. Such a glow is only a problem if it appears in the space between the elements of the tube. The latter indicates excessive gas, and is more purple, in appearance, than blue, IIRC.

Above all, Matt, please correct that low filament voltage situation, before continuing---The life of your 210 depends on it! You could use a higher output voltage transformer (or 2 connected in series), plus a series dropping resistor, to correct that low filament voltage situation.

GL & 73 de Ron n4gjv

On Monday, February 15, 2016 11:52 AM, "'Carl Nord' chnord@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Matt,

The grid coil is important here. It needs to be on the same frequency as you want to be on. It took me a number of cuts on the coil to find the sweet spot.

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, February 15, 2016 10:59 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] TNT Woes

I thought I would try putting together a TNT for 80m as per the classic handbook version, same layout etc. Its been giving me a variety of troubles. I have a list but if anyone could give me their wise opinion on these few Id appreciate it. First off, Im running a 210 and the tank is comprised of 12 turns copper and a 15 plate cardwell padded with a 100uf tan 1500v sangamo. All other caps are the old brown sangamos: plate blocking 500uf, grid 250uf, and 200uf filament bypass. Grid coil is wound on 1in dowel with magnet wire, 56 turns. Im running a fil voltage of 6.3vac because i dont have a good 7.5v source. The main problems Im having are bad tone, chirp, and some drift. I know, probably not unusual. My hartley with parallel 27's sounds like a million bucks compared to this though. When I tune through the range allowed by the smaller tank cap plate current goes from 15ma to about 55 as i open the plates. No real dip in between. Ive fooled with different turns in the grid coil to no avail, seems that more or less than what ive got shoots the plate current way up no matter where the tank cap is set. Im feeding it into 5 turns ant coil in into an mfg antenna tuner, set to where my icom tunes the freq i want. However with a tuning lamp on the grid end of the coil I never get the lamp all that dim, so I dont know of its really hitting resonance with the tnt. I thought the lamp was supposed to almost go out when the antenna tank is in resonance ans sucking the rf out. Could be wrong. Another observation is the tube....it has a visible blue edison effect on the outside of the plate even at the

normal plate currents. Dont know if this means its gassy and might be part of my problem. Tone is a lot better with an 01a and substituted voltage values.

Any help appreciated. Sometimes I dont know how you guys build these things without going crazy, although I guess some would say we're all crazy hi hi. Thanks,

Matt

12636. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 19:01:25 UTC
From: Louis Vermond
Topic: 12624 Message: 12636

Blue glow on the glass in not unusual and is no cause for alarm. Have never seen that.

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https://www.avast.com/antivirus

12637. RE: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 19:06:50 UTC
From: Mike Feher
Topic: 12624 Message: 12637

Live and learn young man – 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, February 15, 2016 2:01 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: TNT Woes

☐

Blue glow on the glass in not unusual and is no cause for alarm. Have never seen that.

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12638. RE: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 19:31:13 UTC
From: mattgoff54@...
Topic: 12624 Message: 12638

Ok I will try the suggestions and procedure Eric describes.. I had tried putting a cap across the grid coil but that stopped all oscillation..maybe too much coil for a cap. I'll also turn the thing off and rig up some 7.5v somehow.. I thought I could get away with 6.3 because the specs say 6-7.5 but I guess for this application I need all of it.

Cant really figure out the drift, Im pretty sure it still drifted without the padder cap. Which lead me to believe that it was due to plate dissipation. Without the padder it only tunes down to 3.550. Maybe ill get some copper strip and add another cap to the tank.

12639. RE: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 19:35:07 UTC
From: mattgoff54@...
Topic: 12624 Message: 12639

Also, I dont know if the blue is between the elements..its pretty bright in that 210 even at 6.3v. I see the blue hugging the outside of the plate, not really on the glass I dont think..like ive seen on some 807's.

12640. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 19:41:13 UTC
From: Eric NO3M
Topic: 12624 Message: 12640

If you have an AC voltmeter handy, check the actual voltage from your "6.3" VAC supply while connected to the 210. Many transformers are wound for 115V... but actual line voltage in many places is higher. My 6.3VAC filament supply actually comes out at 7.2 VAC, within the 5% deviation. Also make sure you are using beefy wires from the filament supply if the run is over several feet, 1.25A filament current can result in a reasonable voltage drop if the wire resistance is too high.

On 02/15/2016 02:31 PM, mattgoff54@... [AWAGroup] wrote:
>
> I'll also turn the thing off and rig up some 7.5v somehow.. I thought
> I could get away with 6.3 because the specs say 6-7.5 but I guess for
> this application I need all of it.
>
> ---
>

12641. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 20:04:20 UTC
From: Larry Szendrei
Topic: 12624 Message: 12641

On 2/15/16 1:53 PM, 'Louis Vermond' ldvermond@... [AWAGroup] wrote:
>
> □
>
> Another observation is the tube....it has a visible _blue edison
> effect on the outside of the plate_ even at the normal plate currents.
> Perhaps the main cause of woes? Gassy tube!
>
>
>
It depends. If the glow is confined to the inside _/surface/_ of the glass, it is probably just elements in the glass fluorescing from electron bombardment. It is, in fact, an indication of a good, hard vacuum, and is probably a healthy tube. On the other hand, if the glow is between elements or otherwise inside the _/volume/_ of the envelope, it's probably gas.

73,
-Larry/NE1S

12642. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 20:31:43 UTC
From: dulmagedon@...
Topic: 12624 Message: 12642

Ok if you dont have a GDO make an Rf sniffer. A flashlight or Christmas tree bulb wih a one turn loop about the same diameter as your plate coi. Mount it on awooden stick and with the rig oscillating and key down bring it close to the plate coil. It will glow . if it doesnt turn the cap till it downs . if opening the tuning cap makes it glow more then you are high. Not enough turns. If closing makes it glow then too many turns. ideally a peak in glowing in the middle of tuning range is nice providing tuning range is where it should be . You 35Tis probably not too bad. I would this one at 34 based on past experience howevermany folks here run 10 tube in their rigs and some have TNTs if they used a 1 inch dowel their no of tuns would be good for you. If they used smaller or larger it would atleast give you a good idea. Above all. dont quit. A TNT is just a crystal oscillator without a crystal but a grid coil instead. Nothing more, nothing less. Despite the frustration you feel right now , a year or so from now you will be whipping them up in your sleep. And will look back on this with a knowing smile. You are getting good advice. BTW I like Blue glowing tubes. You can see what you are sending!. I have two here . A 45 and a 50c6. Beautiful. Worry not.
donVe3LYX

12643. Re: [AWA Group] Re: TNT Woes & Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 21:19:38 UTC
From: Louis Vermond
Topic: 12643 Message: 12643

Thank you Larry for expanding on Mike's morning lesson.

TNT.... It has been an entertaining and enlightening run this morning. Tks, Matt for getting it started.

73, Lou

It depends. If the glow is confined to the inside surface of the glass, it is probably just elements in the glass fluorescing from electron bombardment. It is, in fact, an indication of a good, hard vacuum, and is probably a healthy tube. On the other hand, if the glow is between elements or otherwise inside the volume of the envelope, it's probably gas.

73,
-Larry/NE1S

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12644. Re: [AWA Group] Re: TNT Woes & Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 22:56:59 UTC
From: mattgoff54@...
Topic: 12643 Message: 12644

Oh and Eric, my 35T coil as they all are/were is close wound magnet wire.

12645. Re: [AWA Group] Re: TNT Woes & Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-15 23:16:44 UTC
From: Louis Vermond
Topic: 12643 Message: 12645

Oh and Eric, my 35T coil as they all are/were is close wound magnet wire.

Matt, I can supply you with #30 d.c.c wire as per article. Cheap. Wt say? Lou

---
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12646. Re: [AWA Group] Re: TNT Woes & Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-16 00:38:53 UTC
From: mattgoff54@...
Topic: 12643 Message: 12646

Lou, Im definitely interested. Not even sure what d.c.c. wire is exactly i just translated to small wire suitable for coil making...

12647. TNT Grid Coils & Matt

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-16 01:25:54 UTC
From: Louis Vermond
Topic: 12647 Message: 12647
Attachments: 3 described; binary payloads are missing from this source WARC

Lou, Im definitely interested. Not even sure what d.c.c. wire is exactly i just translated to small wire suitable for coil making...

How many grid coils are you making?
80 40 20 ?

Are you making an RFC?

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12648. Keying relays

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-16 01:38:10 UTC
From: JAMES HANLON
Topic: 12648 Message: 12648

This is a suggestion for avoiding a shock when keying a relay coil. The energy stored in the magnetic field of an energized relay coil needs to be dissipated somehow when the current to the coil is interrupted. If there is no other provision, the coil will build up enough voltage across itself to create an arc across some portion of its external circuit which will create a path for the current in the coil to continue to flow until the energy stored in the coil is dissipated in the resistance of the arc and the coil. That voltage can easily go up to several hundred volts, and it will very likely appear across your key. To avoid getting bitten, connect a silicon diode across the relay coil, oriented so that it is reverse biased when the coil is energized. The de-energized coil will develop a voltage which will turn the diode on, and current will flow through the diode and coil until the energy is dissipated in the coil resistance. Any ordinary rectifier diode from your junk box will do.

Jim, W8KGI

12649. RE: [AWA Group] Re: TNT Woes & Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-16 01:50:01 UTC
From: Mike Feher
Topic: 12643 Message: 12649

Matt –

DCC stands for “double cotton covered”. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, February 15, 2016 7:39 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: TNT Woes & Larry

Lou, Im definitely interested. Not even sure what d.c.c. wire is exactly i just translated to small wire suitable for coil making...

12650. Re: [AWA Group] Re: TNT Woes & Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-16 02:29:35 UTC
From: Louis Vermond
Topic: 12643 Message: 12650

DCC stands for “double cotton covered”. Thanks Mike. Lou

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https://www.avast.com/antivirus

12651. Re: TNT Grid Coils & Matt

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-16 03:11:49 UTC
From: mattgoff54@...
Topic: 12647 Message: 12651

Thanks Mike.. Learn something new every day. Its going to take me a lot of days...

Lou, are those images? For some reason I never see what I assume are images, I just see squares...must be the iPhone. Im interested in having a relatively good stock of that stuff because I will be making at least a few RFC's and numerous coils. Plus receiver coils.

12652. Re: [AWA Group] Re: TNT Grid Coils & Matt

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-16 05:11:45 UTC
From: Louis Vermond
Topic: 12647 Message: 12652

Lou, are those images? For some reason I never see what I assume are images, I just see squares...must be the iPhone. Im interested in having a relatively good stock of that stuff because I will be making at least a few RFC's and numerous coils. Plus receiver coils.

Hello Matt,

I'm assuming that you have access to a computer at home that will receive photos. When you can, please write to me directly and we will discuss your wire needs.

73, Lou
VE3AWA
Ldvermond@...

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https://www.avast.com/antivirus

12653. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-16 14:24:29 UTC
From: dulmagedon@...
Topic: 12624 Message: 12653

Or another good way to get there which I used and use now everyday is to take the 6.3 AC which is in simplistic terms an average and rectify it to DC (I used a bridge) the filter it with a large electrolytic . The result will be much closer (in spec tolerance) to the 7.5v you need. In my case and some might remember this I was making a AC supply for my number 19 WS and had a 600v 200ma , 5v, 6.3v new Hammond transformer. I joined the 5v and the 6.3 together giving me 11.3v but the set runs on 12 , actually 12.6v (paired 6.3 tubes) After rectification and using a generous electrolytic cap as a filter I have in operation just over the required 12.6 vdc.. Larry gave me a couple of tips on the last part of this setup that helped bring it right in the zone. (thanks) In this case I had to run DC because the meter needs DC (LT1scale) and the relay for rx tx needs DC.Otherwise I would have to have butchered this classic wartime radio and I didn't ant any SS parts inside it nor any hard wired mods. I have been using it quite awhile now with this set up. , In fact that is what is powering the set when I am talking in the recordings Larry made Sun evening. Anyway that will get U from 6.3 to the ball park 7 something voltage range easily. May even be a benafit. (filtered DC heater)
And BTW Still testing everyday every hour (top of the hour) I am here and awake with my Loop modded rat trap TX. So far I am talking to me.(fourth day) I also send in the middle CW (key is right there and I have it in my hand so why not.) Several have worked me on that set CW during the BK so I know it is getting out at least in CW. I would like to make sure it is working before this coming AM weekend. Have tested it for wobble and for field strength and I have about 3.5 watts out so it should be good but I need to make sure..It wont be strong but should be doable. Answers in any mode would be welcome. 3605 kcs or as near as possible.
donVE3LYX

12654. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-16 17:56:58 UTC
From: mattgoff54@...
Topic: 12624 Message: 12654

I'll try that Don. Lou, whats your email address, the one on your last message was incomplete. I assumed "@yahoo.com" but it came bavk to me undeliverable.

Matt

12655. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-16 18:04:40 UTC
From: Louis Vermond
Topic: 12624 Message: 12655

Matt,

Adr: Ldvermond@...

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https://www.avast.com/antivirus

12656. Sell'm

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-16 18:19:41 UTC
From: Louis Vermond
Topic: 12656 Message: 12656
Attachments: 1 described; binary payloads are missing from this source WARC

Reproduction ca. 1930 TNT Ham Radio Transmitter
Winning bid: US $56.00

People suggest that I sell my OT rigs on eBay. I say nothing...

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12657. RE: [AWA Group] Sell'm

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-16 18:22:54 UTC
From: Mike Feher
Topic: 12656 Message: 12657
Attachments: 1 described; binary payloads are missing from this source WARC

After all - that is your eBay name, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, February 16, 2016 1:20 PM
To: AWAGroup
Subject: [AWA Group] Sell'm

<http://www.ebay.com/itm/Reproduction-ca-1930-TNT-Ham-Radio-Transmitter-/262280927777> Reproduction ca. 1930 TNT Ham Radio Transmitter

Winning bid:

US $56.00

People suggest that I sell my OT rigs on eBay. I say nothing...

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<https://www.avast.com/sig-email> www.avast.com

12658. Re: [AWA Group] Sell'm

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-16 18:41:25 UTC
From: Louis Vermond
Topic: 12656 Message: 12658

sell my OT rigs

After all - that is your eBay name, HI. 73 - Mike

That Mike, one sharp fella...

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https://www.avast.com/antivirus

12659. Re: [AWA Group] Sell'm

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-16 18:57:02 UTC
From: N1BUG
Topic: 12656 Message: 12659

I shudder to think how much of a loss I would take on mine,
considering the cost of parts that went into it...

Paul

> **Reproduction ca. 1930 TNT Ham Radio Transmitter
> <http://www.ebay.com/itm/Reproduction-ca-1930-TNT-Ham-Radio-Transmitter-/262280927777>
> Winning bid: US $56.00
>
> People suggest that I sell my OT rigs on eBay. I say nothing...

12660. RE: [AWA Group] Sell'm

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-16 19:00:18 UTC
From: Mike Feher
Topic: 12656 Message: 12660

Think of it all as tuition - no problem, HI. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

-----Original Message-----
From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, February 16, 2016 1:57 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Sell'm

I shudder to think how much of a loss I would take on mine, considering the
cost of parts that went into it...

Paul

> **Reproduction ca. 1930 TNT Ham Radio Transmitter
>
<http://www.ebay.com/itm/Reproduction-ca-1930-TNT-Ham-Radio-Transmitter-/262
280927777>
> Winning bid: US $56.00
>
> People suggest that I sell my OT rigs on eBay. I say nothing...

Yahoo Groups Links

12661. Re: [AWA Group] Sell'm

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-16 19:05:57 UTC
From: Louis Vermond
Topic: 12656 Message: 12661

cost of parts And the years finding them.

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https://www.avast.com/antivirus

12662. RE: [AWA Group] Sell'm

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-16 19:11:42 UTC
From: Mike Feher
Topic: 12656 Message: 12662

Again, tuition and enjoyment. Soon I expect to retire, maybe within months. I will have to start selling to supplement my measly SS income then as I have nothing else. So, I will start selling on eBay. Guaranteed, everything I sell will be at a loss and in some cases significant ones. However, over the years, I bought items to enjoy, not to make money on. I have enjoyed them and continue to do so, and while I would like to get the max for everything I sell, it will not even be close to what I paid. But, like I said, I enjoyed them, learned from some, and that is what I spent my time and money on. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, February 16, 2016 2:06 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Sell'm

cost of parts And the years finding them.

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<https://www.avast.com/sig-email> www.avast.com

12663. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-16 19:40:34 UTC
From: Ron Barlow
Topic: 12624 Message: 12663

Hi Matt, I can not say for certain that the use of a wirewound resistor in the grid leak assembly, will cause a problem, but be aware that the use of such a resistor may cause a problem. In general, conventional wirewound resistors are not suitable for RF circuitry. True, there would not be a large RF voltage gradient across the grid leak assembly, but there would be some. A carbon composition or film type resistor may be a more appropriate choice, at this location. You are correct regarding frequency drift being caused by excessive internal heating of the tube, Matt. But internal heating (caused by dielectric losses, etc.) in solid dielectric caps can also cause drift, due to a thermally induced shift in the dielectric constant. The RF current level in our high "C" power oscillator type transmitters, is quite large, thus the issue.

I don't recall a mention of the B+ voltage that you are using on your 210, but if you are using more than ~ 250 volts, it may be a good idea to reduce the B+ to this level, or less, until you have sorted out the problems. Tube damage would be less likely, and there are other good reasons for this precaution.

If you haven't read the W2SN notes, recently posted by W0VLZ, by all means, do so. I read these notes last eve, & found them to be very interesting and informative (Many thanks for posting them, Niel !). One of the problem areas that W2SN mentions, revolves around the use of a wood form for the grid coil.

You mentioned that the 210 failed to oscillate when you added an adjustable cap across the grid coil (which converts your TNT to a TPTG). I suspect that the minimum capacitance of the cap was large enough to shift the grid circuit resonant frequency downward, more than you may have expected. If that is the case, you could have restored operation by tuning the plate circuit to a lower frequency. You would have to remove some turns from the grid coil, in order to permit operation within the 80m band. A very good reason for retaining this added cap is that it would permit easier adjustment, of the grid circuit resonant circuit. Turning the capacitor shaft would be much more convenient than adding/removing turns from the grid coil. GL! & 73 de Ron n4gjv

On Tuesday, February 16, 2016 1:04 PM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

☐Matt, Adr: Ldvermond@...

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www.avast.com |

12664. Re: [AWA Group] Sell'm

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-16 19:49:41 UTC
From: N1BUG
Topic: 12656 Message: 12664

You're right of course, Mike. If if included my time for the hours spent finding parts, restoring parts and building we would be well into four figures for a simple TNT. But I enjoyed the whole process and enjoyed operating the little rig. I'm glad I did it, though the day may come when I'm either forced to part with things or do so voluntarily as a means of affording something else I have always wanted to do.

I have been thinking seriously about augmenting my budget temporarily by selling off some of the other parts I collected while planning to build the receiver, PA stage, power supplies, etc. Although I think about building a project every winter, the fact (which I am just now finally accepting) is my lifestyle no longer supports that. To build something now would be more like a job (one more chore to get done) and there wouldn't be any enjoyment.

Paul

On 02/16/2016 02:11 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
>
> Again, tuition and enjoyment. Soon I expect to retire, maybe within
> months. I will have to start selling to supplement my measly SS
> income then as I have nothing else. So, I will start selling on
> eBay. Guaranteed, everything I sell will be at a loss and in some
> cases significant ones. However, over the years, I bought items to
> enjoy, not to make money on. I have enjoyed them and continue to do
> so, and while I would like to get the max for everything I sell, it
> will not even be close to what I paid. But, like I said, I enjoyed
> them, learned from some, and that is what I spent my time and money
> on. 73 - Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Tuesday, February 16, 2016 2:06 PM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* Re: [AWA Group] Sell'm
>
> cost of parts And the years finding them.

12665. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-16 21:03:39 UTC
From: Louis Vermond
Topic: 12624 Message: 12665

A very good reason for retaining this added cap is that it would permit easier adjustment, of the grid circuit resonant circuit. TPTG

But from experience, a TPTG is not a Kelley Contest rig! Swish swish swish across the CQ AWA AWA station while the Ip bends the DC I meter until you juggled that second Cardwell.

A TPTG does make a very FB sig tho...

Matt, the TNT is the '29 rig...

Lou

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https://www.avast.com/antivirus

12666. Re: [AWA Group] Sell'm

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-16 21:26:31 UTC
From: dulmagedon@...
Topic: 12656 Message: 12666

I have often picked hobbies that dont pay. I think because the lack of a financial side gave me relaxation as someone who was self employed for many of my years. I made a few violins a few years back. About one a year. People always ask what do you charge for them I reply they not for sale. They ask why and I sometimes say because that would make me a prostitute. I make them and play them fr fun Nothing else. Theya re probably crap anyway but it is fun to play your own instrument or use your own radio as y'al know. I did give one away to a lady who asked for one who had helped me learn to play but that is it.. Same for my cars. Someone said what do you want for your dragster . Not for sale. Why? Reason ?! There is no reason.son. Its Company policy. I wouldn't be the only guy in the world who kept his last race car. Same for my radios. I would part for one for something I wanted in exchange but $s is not the motivation. Most cost diddly squat. To me it is like asking how much can you get for a trip and the memory you got from it. Not relavant. We do this for fun. We need fun. Some of us never had much chance to play in our youth. Now it is time. Be it a fiddle, a radio or bridge games. It doesn't matter. It has nothing to do with money. Despite my youth (65 Seems young NOW!) I have had over 18 years of retirement. I had no pension other then the SS Canadian equivalent and it has just started. I invested and saved . When I start to starve I will probably sell the property. The only thing I do think is before I go to THE BIG DX Station In The Sky I should probably parr this stuff (all hobbies) down to a bare minimum for the XYL so she doesn't have to deal with it. I have given a few things away now and then. Anyway. Taint about the money. That's all. Its about feeding your creative side and keeping the twinkle in your eye as long as you can. Now how much did you say you need for that TBX8? ;>)
donVe3LYX

12667. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-16 21:57:08 UTC
From: Larry Szendrei
Topic: 12624 Message: 12667

On 2/16/16 2:40 PM, Ron Barlow imalowfer@... [AWAGroup] wrote:
>
> I can not say for certain that the use of a wirewound resistor in the
> grid leak assembly, will cause a problem, but be aware that the use of
> such a resistor may cause a problem. In general, conventional
> wirewound resistors are not suitable for RF circuitry.

Whereas I generally agree with Ron's statements, a perusal of the 1930s Handbooks and QSTs will show many (most?) of the higher-powers rigs used wire-wound grid leak resistors. With large triodes, a fair amount of power needs to be dissipated in the grid leak, and unless you make up a large bank of carbon-comps*, it's tough to get a resistor with the power dissipation rating without using a wire-wound one. My PP-812 rig uses a wire-wound grid leak, and it has worked fine on 160M - 10M.

*and because of the bulk of this arrangement it may not be so RF-friendly either.

73,
-Larry/NE1S

12668. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-16 22:09:14 UTC
From: Louis Vermond
Topic: 12624 Message: 12668

Anyone here ever measure the GL current in a 210 rig? Tks, Lou

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12669. Re: [AWA Group] Sell'm

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-16 22:11:20 UTC
From: Leonard Meek
Topic: 12656 Message: 12669

I'm with you, Don, although I've never been self employed or I'd be living on the street now. I had a passion for sports cars and clocks & watches when I was young and could see better, but I gave them up years ago. I would love to give away more stuff but it's hard to find anyone in the area here that's interested.

Leonard

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Tuesday, February 16, 2016 11:26 AM
Subject: Re: [AWA Group] Sell'm

I have often picked hobbies that dont pay. I think because the lack of a financial side gave me relaxation as someone who was self employed for many of my years. I made a few violins a few years back. About one a year. People always ask what do you charge for them I reply they not for sale. They ask why and I sometimes say because that would make me a prostitute. I make them and play them fr fun Nothing else. Theya re probably crap anyway but it is fun to play your own instrument or use your own radio as y'al know. I did give one away to a lady who asked for one who had helped me learn to play but that is it.. Same for my cars. Someone said what do you want for your dragster . Not for sale. Why? Reason ?! There is no reason.son. Its Company policy. I wouldn't be the only guy in the world who kept his last race car. Same for my radios. I would part for one for something I wanted in exchange but $s is not the motivation. Most cost diddly squat. To me it is like asking how much can you get for a trip and the memory you got from it. Not relavant. We do this for fun. We need fun. Some of us never had much chance to play in our youth. Now it is time. Be it a fiddle, a radio or bridge games. It doesn't matter. It has nothing to do with money. Despite my youth (65 Seems young NOW!) I have had over 18 years of retirement. I had no pension other then the SS Canadian equivalent and it has just started. I invested and saved . When I start to starve I will probably sell the property. The only thing I do think is before I go to THE BIG DX Station In The Sky I should probably parr this stuff (all hobbies) down to a bare minimum for the XYL so she doesn't have to deal with it. I have given a few things away now and then. Anyway. Taint about the money. That's all. Its about feeding your creative side and keeping the twinkle in your eye as long as you can. Now how much did you say you need for that TBX8? ;>)
donVe3LYX

12670. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-17 00:50:10 UTC
From: mattgoff54@...
Topic: 12624 Message: 12670

Ok thanks to all for the continued advice and guidance.

I have temporarily taken 7.5v from an old NRI tube tester using a spare four pin socket. Good idea, I dunno but it seems to work for now.

I did take the "rf sniffer" to the plate coil and tuned around. Bulb was brightest at full close of the cap, and dimmed as it opened. Plate current went up as the plates opened. So I took off turns, and repeated, etc. until now the bulb seems to be dim at close, gets bright as it hits 3.550, and begins to dim again beyond the 80m range. Plate current stays tame throughout. The tone is still rather rough. Sounds like two pitches alternating between each other very quickly. Or perhaps like an alien spacecraft of some kind. And Im using a heath regulated PS. I might try to upload an mp3 of what I hear on my icom, but the wave looks a lot better than when I started. I think I'll try to take more off and if I go too far Ill try the variable in the grid circuit as Eric suggests.

Resistors... I'll try subbing in a carbon dogbone and see what that does. My hartley has a carbon but thats also two 27's.

12671. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-17 01:11:15 UTC
From: Don Dulmage
Topic: 12624 Message: 12671

I wouldn't monkey with it. Sounds like you have it bang on. I am not a fan of TPTG and I have two. Pain in the butt to run compared to the TNT. You also have to know that monitoring a rig in the same house doesnt always tell the tail. Everything is overdriven. I would try dropping the plate voltage a bit and if that didnt work try a different value of gid leak cap. If your gridleak resistor goes to the cathode or B neg directly there is no harm in using a wirewound. Some old circuits used a resistor and a choke. kinda almost similar. If it goes to the coil parallel to the GL cap perhaps not the best. That said my 211 hartley has a big ole ugly wirewound for its grid leak. I dont think a carbon could stand it. Maybe several in parallel could. I am impressed with your use of the sniffer. Wonderful tool with many applications. Unlike meters etc it never lies.
Keep at it and GL. You are making progress at a breakneck speed. most impressive.
donVE3LYX

On Tue, 2/16/16, mattgoff54@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Re: TNT Woes
To: AWAGroup@yahoogroups.com
Received: Tuesday, February 16, 2016, 7:50 PM

Ok thanks to all for the continued advice and
guidance.

I have temporarily taken 7.5v from an old NRI tube tester
using a spare four pin socket. Good idea, I dunno but it
seems to work for now.

I did take the "rf sniffer" to the plate coil and
tuned around. Bulb was brightest at full close of the cap,
and dimmed as it opened. Plate current went up as the plates
opened. So I took off turns, and repeated, etc. until now
the bulb seems to be dim at close, gets bright as it hits
3.550, and begins to dim again beyond the 80m range. Plate
current stays tame throughout. The tone is still rather
rough. Sounds like two pitches alternating between each
other very quickly. Or perhaps like an alien spacecraft of
some kind. And Im using a heath regulated PS. I might try to
upload an mp3 of what I hear on my icom, but the wave looks
a lot better than when I started. I think I'll try to
take more off and if I go too far Ill try the variable in
the grid circuit as Eric suggests.

Resistors... I'll try subbing in a carbon dogbone and
see what that does. My hartley has a carbon but thats also
two 27's.

12672. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-17 02:54:19 UTC
From: mattgoff54@...
Topic: 12624 Message: 12672

Thanks fpr the encouragement Don. And yes I think you were right, should have left it alone. But now I know that it was 38 turns at its best. I also think most of my tough tone issue is related to the AC on the filament. Im using two 47 ohm 2 watt carbons to key it, but it sounds a lot better with an 01A and 5v from the 1A iPhone charger supply. Not perfectly clean but mich better. I switched out the plate blocking cap from a 500pf to 200pf, which was one of my fil bypass. I thought the blocking value might be more critical than bypass so I put .01uf in as bypass caps. I'll have to play with the grid leak cap and resistor tomorrow.

12673. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-17 03:27:04 UTC
From: dulmagedon@...
Topic: 12624 Message: 12673

Course when you do the DC heater deal it will be a non issue with the right voltage ;>)
richtig?
Anyway fun to watch you work through it. Ur gonna be dangerous. I can see it.
How far away are U. Could we work?.I am across the lake from Rochestor NY directly.north and in about 15 miles on land.
donVe3LYX

12674. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-17 16:26:54 UTC
From: mattgoff54@...
Topic: 12624 Message: 12674

Yes hopefully that will be the case. Although I feel like using DC is cheating? Is that a common practice? Maybe the resistors arent EXACTLY the same and thus some fluctuation.

Im just trying to soak up all the knowledge I can. The old 20s stuff really fascinates me. My dad had a few old philcos and such and as a kid I fooled with them, but I drooled over the atwater kents I saw at the antique flea markets. I do like to work cw for the pleasure of working cw, but right now getting a signal out a few hundred miles from a few globe triodes is way more satisfying than working dx on a 756proiii.

I live in Morgantown, WV which is about 80 miles south of Pittsburgh, PA. We are probably 400 miles apart. I imagine thats not too far for a few watts if conditions arent bad.

12675. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-17 16:40:03 UTC
From: w0vlz@...
Topic: 12624 Message: 12675

Don't forget the Reverse Beacon Network when you wonder if you are really getting out. It is a quick way to get signal reports from a lot of locations with only a simple "CQ" or "test".

12676. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-17 17:15:11 UTC
From: mattgoff54@...
Topic: 12624 Message: 12676

I couldnt forget about it because I never knew....this sounds very useful I will investigate

12677. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-17 18:01:04 UTC
From: Larry Szendrei
Topic: 12624 Message: 12677

On 2/17/16 11:26 AM, mattgoff54@... [AWAGroup] wrote:
>
> Yes hopefully that will be the case. Although I feel like using DC is
> cheating? Is that a common practice? Maybe the resistors arent EXACTLY
> the same and thus some fluctuation.
>

If the resistors aren't the same you would get 60 Hz modulation of the carrier. But you can get the same thing from other causes - RF getting back into the power supply is the most common. One way to rule it out is instead of using a pair of resistors, use a pot rated for the power dissipation and use the wiper as your C.T.; see if you can adjust for no (or at least minimum) 60 Hz modulation.

> Im just trying to soak up all the knowledge I can. The old 20s stuff
> really fascinates me. My dad had a few old philcos and such and as a
> kid I fooled with them, but I drooled over the atwater kents I saw at
> the antique flea markets. I do like to work cw for the pleasure of
> working cw, but right now getting a signal out a few hundred miles
> from a few globe triodes is way more satisfying than working dx on a
> 756proiii.
>

Yep. I NEVER run CW with the TS-440S, or even the HT-44 - it's too easy and not much fun.
>
>
> I live in Morgantown, WV which is about 80 miles south of Pittsburgh,
> PA. We are probably 400 miles apart. I imagine thats not too far for a
> few watts if conditions arent bad.
>
>

I'm sure it's not. What's your callsign, Matt?

73,
-Larry/NE1S

12678. reverse beacon network

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-17 18:15:31 UTC
From: Niel - W0VLZ
Topic: 12678 Message: 12678

The reverse beacon network is at http://www.reversebeacon.net/ . Lots of times during warm weather I take my KX3 to the park. Using the RBN I can tell whether the band is dead or people just aren't listening. All I have to do is call "CQ" or "test" and any reverse beacon stations hearing me automatically posts my call, frequency and signal strength to the web. It will work for your TNT if it is stable enough. I usually look for signal strengths in the teens before I think I might have some QSOs.

Sub your own call for "w0vlz" in the link below then call "cq" or "test" in the CW band of choice.

http://www.reversebeacon.net/dxsd1/dxsd1.php?f=0&c=w0vlz&t=dx

73,
Niel - W0VLZ

> I couldnt forget about it because I never knew....this sounds very
> useful I will investigate

12679. Re: [AWA Group] reverse beacon network

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-17 19:25:05 UTC
From: Don Dulmage
Topic: 12678 Message: 12679

Once in awhile I get a register on the RBN but not often. I operate everyday. I check CHU time signal. And WWV. If I can hear them i know that band os pen and can how good it is. Sometimes in evenings I check W1AW code practice which is just a bit below my usual spot and quick. I can tell how strong the band is by how good they sound. It has been very helpful to me using it. Yes in good conditions we should be able to work. Anytime you want to try just give me heads up and I will listen.
donVe3LYX

On Wed, 2/17/16, Niel - W0VLZ w0vlz@...m [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] reverse beacon network
To: "AWA Group" <AWAGroup@yahoogroups.com>
Received: Wednesday, February 17, 2016, 1:15 PM

The reverse beacon network is at
http://www.reversebeacon.net/ . Lots of

times during warm weather I take my KX3 to the park. Using
the RBN I can

tell whether the band is dead or people just aren't
listening. All I

have to do is call "CQ" or "test" and
any reverse beacon stations

hearing me automatically posts my call, frequency and signal
strength to

the web. It will work for your TNT if it is stable enough. I
usually

look for signal strengths in the teens before I think I
might have some

QSOs.

Sub your own call for "w0vlz" in the link below
then call "cq" or "test"

in the CW band of choice.

http://www.reversebeacon.net/dxsd1/dxsd1.php?f=0&c=w0vlz&t=dx

73,

Niel - W0VLZ

> I couldnt forget about it because I never knew....this
sounds very

> useful I will investigate

12680. ARS buss wire

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-17 19:47:12 UTC
From: Louis Vermond
Topic: 12680 Message: 12680
Attachments: 1 described; binary payloads are missing from this source WARC

Hello,

Recently Jon, AB9ZG, and I had a conversation about the Antique Radio Supply offered buss wire. (www.tubesandmore.com/products/S-W140) The title says it's #12, but the dimension shown is for 14 gauge (0.064"). Whatever the case, it has always looked both too large for #14 (which I want) and with tinning too shiny... too"new".

Jon had ARS buss and offered to solve the #12 / #14 size mystery. His full report can be read below.

I brought in the ARS buss and worked it a Jon did. The results were threefold and all positive.

1. The drawing reduces the gauge so it looked closer to my idea of what #14 should look like.

2. The sheen of the plating became somewhat muted.

3. Best of all, the very soft original wire became tempered / springy as buss was and needs to be.

73, Lou
VE3AWA

The initial thickness of the buss wire was 0.064" - the same as the diameter of 14 gauge wire.

So the cross-sectional area is 0.004096 sq. in. This is less than 12 gauge wire at 0.005128 sq. in. So even initially, the wire is substantially undersized.

Next the wire was stretched by approximately 27%. There is no special significance to this particular amount of elongation. I simply tugged on the wire hard enough
to straighten it out and then some.

The final thickness was 0.057", so the cross-sectional area was 0.003249 sq. in. This is nearly the same as 14 gauge wire at 0.003227 sq. in.

Now work-hardening copper won't make it stiffer, strictly speaking. It will however increase the yield strength which makes it springy and not so apt to bend permanently.

In this case, elongating the wire by 27% increased the yield strength by a factor of greater than 2.

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12681. RE: [AWA Group] ARS buss wire

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-17 20:01:10 UTC
From: Mike Feher
Topic: 12680 Message: 12681
Attachments: 1 described; binary payloads are missing from this source WARC

I believe the wire is probably #12 since you have to measure it diagonally to get equivalent diameter as only the corners would touch the circle if you drew one around it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, February 17, 2016 2:47 PM
To: AWAGroup
Subject: [AWA Group] ARS buss wire

Hello,

Recently Jon, AB9ZG, and I had a conversation about the Antique Radio Supply offered buss wire. (www.tubesandmore.com/products/S-W140) The title says it's #12, but the dimension shown is for 14 gauge (0.064"). Whatever the case, it has always looked both too large for #14 (which I want) and with tinning too shiny... too"new".

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1. The drawing reduces the gauge so it looked closer to my idea of what #14 should look like.

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73, Lou

VE3AWA

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So the cross-sectional area is 0.004096 sq. in. This is less than 12 gauge wire at 0.005128 sq. in. So even initially, the wire is substantially

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to straighten it out and then some.

The final thickness was 0.057", so the cross-sectional area was 0.003249 sq. in. This is nearly the same as 14 gauge wire at 0.003227 sq. in.

Now work-hardening copper won't make it stiffer, strictly speaking. It will however increase the yield strength which makes it springy and not so apt to bend permanently.

In this case, elongating the wire by 27% increased the yield strength by a factor of greater than 2.

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This email has been sent from a virus-free computer protected by Avast.
<https://www.avast.com/sig-email> www.avast.com

12682. Re: [AWA Group] reverse beacon network

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-17 20:36:40 UTC
From: mattgoff54@...
Topic: 12678 Message: 12682

I'll have to look into the RBN, not really sure how it works. A few months ago I was putting a johnson adventurer on the air and I read that the first even harmonic with an 80m rock was going to be bad..but how bad... So I was forced to open a laptop and I found a site called Global Tuners, which is a collection of remote controlled multi mode SW receivers in various locations, US and overseas. Streaming audio with about a 4 second delay. But it told me my 7kc harmonic was indeed pretty healthy in Indiana and Buffalo, NY. I havent been too concerned about band conditions because Ive been inactive for 5 years. Have to get a feel for it again.

Callsign here is KC8ZQS and Don, Ill take you up on that. Ill give a shout here before I put it on for some tests.

12683. Re: [AWA Group] reverse beacon network

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-17 20:39:15 UTC
From: mattgoff54@...
Topic: 12678 Message: 12683

I'll have to explore the RBN, not really sure how it works but could be a useful tool. When I dug up my johnson adventurer I wanted to know if it was getting out when I had it up and running. I knew the first even harmonic out of that adventurer was bad...but how bad.. So I was forced to open a laptop and use a site called Global Tuners, which is basically a list of SW receivers in various locations that you can control remotely via the internet and be listening on your frequency and mode of choice. Streaming audio with about 4 second delay. I havent had much concern for band conditions in recent years because until this summer Id been inactive since 2010. Have to get a feel for that again. Callsign here is KC8ZQS.

12685. Re: [AWA Group] ARS buss wire

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-17 20:53:52 UTC
From: Michael Bittner
Topic: 12680 Message: 12685

Assuming you get square cross-section wire by squeezing round cross-section wire into a squae shape, ie., the cross sectional area of both wires is the same, then measure the length of any side of the square wire to find the equivalent round wire diameter as follows:

Assume S = length of any side of the square wire, D = diameter of round wire

Then D = 2 x S / sqr root of pi

I think. Mike, W6MAB

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Wednesday, February 17, 2016 12:01 PM
Subject: RE: [AWA Group] ARS buss wire

I believe the wire is probably #12 since you have to measure it diagonally to get equivalent diameter as only the corners would touch the circle if you drew one around it.
73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

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https://www.avast.com/antivirus

12686. Re: [AWA Group] reverse beacon network

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-17 21:37:08 UTC
From: dulmagedon@...
Topic: 12678 Message: 12686

I have used Glob Tunrs also. Re our distance. I checked it out. We are 340.5 miles apart ATCF which is comfortable on most good nights. So anytime. As long as I am home, and that goes for anyone else wanting to proof something too.
Inspired by some pictures I got from lou and your adventures I have been building another TNT. I have most of it done but the power connector and am still wondering where to steal a variable cap from, that is period correct.
I couldn't find a 10 tube and only have one decent working 45 so I built it for a 211 as I had a good ceramic socket as well. 80M, this one. I can use my 211 Hartley supply. I borrowed its tube too but will get another. I am saving my pocket change as we speak. They are about 90 to 100 bucks here. Overnite delivery.
donVe3LYX

12688. RE: [AWA Group] ARS buss wire

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-18 00:21:55 UTC
From: Mike Feher
Topic: 12680 Message: 12688

The math is simple to figure it out, however it appears my guess was wrong.
73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, February 17, 2016 3:54 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] ARS buss wire

Assuming you get square cross-section wire by squeezing round cross-section wire into a squae shape, ie., the cross sectional area of both wires is the same, then measure the length of any side of the square wire to find the equivalent round wire diameter as follows:

Assume S = length of any side of the square wire, D = diameter of round wire

Then D = 2 x S / sqr root of pi

I think. Mike, W6MAB

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup]
<mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: Wednesday, February 17, 2016 12:01 PM

Subject: RE: [AWA Group] ARS buss wire

I believe the wire is probably #12 since you have to measure it diagonally to get equivalent diameter as only the corners would touch the circle if you drew one around it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

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12689. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-18 01:28:22 UTC
From: Steve Flood
Topic: 12624 Message: 12689

Anyone here ever I goutmeasure the GL current in a 210 rig? Tks, Lou

Since no replies - I measured grid leak current in the very similar 841. I got 12 to 16mA depending on tuning.

Steve

12690. Converting the TNT for a centre taped filament supply

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-18 04:54:02 UTC
From: Louis Vermond
Topic: 12690 Message: 12690
Attachments: 2 described; binary payloads are missing from this source WARC

Hello,

My first TNT (now 42 years old) has always had a somewhat raspy (not RAC) signal tone. Inspired by the current run of TNT Woe postings, I finally look into what could be the cause of that T.

The rigs filament centre taped 75 ohm (measured 76.1 ohms) Pilot resister seemed a good place to start.

1. Pilot resister measured from c.t. to outside terminals: 36 - c.t.- 40.2 ohms.

2. Separate centre tapped 7.5 V filament transformer measuring 3.88V each side of centre.

Wiring from the schematic below and operating the rig under worst case conditions (hard loaded into a swinging open ladder line fed antenna) the signal quality changed from a definite trace of modulation (T-6) to a near perfect tone with slight trace of modulation (T 8).

In one of the ARRL TNT articles the author mentioned that while a c.t. filament voltage source would be best, a untapped filament supply would do if a c.t. resister was used. In this case, the first choice was correct.

Tomorrow... Converting the TNT to D.C. filament voltage operation. Spoiler: T9

GN es 73, Lou
VE3AWA

In order:
Tks WU2D, NE1S and KK7UV

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12691. Re: Converting the TNT for a centre taped filament supply

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-18 11:44:30 UTC
From: dulmagedon@...
Topic: 12690 Message: 12691

I run several of mine with two 22 ohm resistors across the filament and fed in the middle. On light duty stuff (BK style) 2 watt resistors work fine.For really heavy work like my twin 811A linear , and I mention it because they are directly heated triodes so it is very relevant, I used several 2 watt 100 ohms carbon resistors on parallel to get the same values. I used to use wirewounds but would have occasional phantom failures so this has been a total cure. At BK power levels it would not be an issue. I run most sets now at AC heater and have gotten the RAC down to a managable level. Sometimes an almost pure note. I bypass everything with 01 caps in my power supplies. I do use Dc filament supplys for regens. Then you actually have a real receiver. Makes your very best rx look deaf. Also I have discovered much of the noise comes in through the powerlines. Could be the neighbours welder , or his 60cycle carrier house/ garage intercom. or the rotting ancient transformer across the road but it varies greatly. My indirect heated filamnet rigs like the 6sl7/6v6 regen/ transmitter transceiver I often run on a portable vibrator supply made from a old 6 volt ford car radio. It works very well. Because the grd is common to both filament 6 volt and the B-neg suppy it does not work with my cathode keyed direct heated BK style rigs. I would have to B+ key them but cannot bring myself to do that.
My monster hartley is a bit raspy. It is however side fed without the aforementioned resistor network. Perhaps I will put a resistor network on the new 211 TNT.
For six volt Dc I use a pair of sealed 6 volt rechargable lantern batteries charged from a 12V solar panel. The joint where they are connected in series gives me two 6 volt sources that are ALWAYS charged and ready to go. (plus 12v Dc if I need it.) I tried using small 140 watt 12v to 110 inverters to supply B+ after recification and dobling but they are RF noisy.
it is interesting to note that No linear that I know off uses DC heater and the traditional tubes are all directly heated triodes. That is what got me thinking down this path. That said there is no question in my mind that DC heaters are the ultimate deal. I see many run regulated B+ supplies. Would be nice . here all B supplies are homebrew. The tripler (211A Hartley power) being my personal favourite.
donVE3LYX

12692. RE: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-18 12:21:04 UTC
From: Steve Flood
Topic: 12624 Message: 12692

>getting a signal out a few hundred miles from a few globe triodes is way more satisfying than working dx on a 756proiii.

>400 miles apart. I imagine thats not too far for a few watts if conditions arent bad.

Coast-to-coast QSOs happen routinely in the B-K event. Aim high Matt!

Steve KK7UV

12693. RE: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-18 13:13:42 UTC
From: dulmagedon@...
Topic: 12624 Message: 12693

So you do well at this. Show us what you use. We wanna know.
donVe3LYX

12694. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-18 14:56:56 UTC
From: Louis Vermond
Topic: 12624 Message: 12694

Thanks, Steve for this and the formula. Lou

----- Original Message -----
From: 'Steve Flood' kk7uv@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-02-17 8:28 PM
Subject: Re: [AWA Group] Re: TNT Woes

Anyone here ever I goutmeasure the GL current in a 210 rig? Tks, Lou

Since no replies - I measured grid leak current in the very similar 841. I got 12 to 16mA depending on tuning.

Steve

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12695. See interior photos. Note method of changing pancake coil coupling.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-18 15:26:31 UTC
From: Louis Vermond
Topic: 12695 Message: 12695

http://www.ebay.com/itm/Vintage-Battery-1-Tube-Radio/311542473115?_trksid=p2047675.c100009.m1982&_trkparms=aid%3D777000%26algo%3DABA.MBE%26ao%3D1%26asc%3D35605%26meid%3D1a77b3447b22441fa491795f3901228c%26pid%3D100009%26rk%3D1%26rkt%3D1%26sd%3D301872694931

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12696. RE: [AWA Group] See interior photos. Note method of changing pancake coil coupling.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-18 15:28:33 UTC
From: Mike Feher
Topic: 12695 Message: 12696

That is pretty clever. BTW, missed you last night. -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, February 18, 2016 10:27 AM
To: AWAGroup
Subject: [AWA Group] See interior photos. Note method of changing pancake coil coupling.

<http://www.ebay.com/itm/Vintage-Battery-1-Tube-Radio/311542473115?_trksid=p2047675.c100009.m1982&_trkparms=aid%3D777000%26algo%3DABA.MBE%26ao%3D1%26asc%3D35605%26meid%3D1a77b3447b22441fa491795f3901228c%26pid%3D100009%26rk%3D1%26rkt%3D1%26sd%3D301872694931>
http://www.ebay.com/itm/Vintage-Battery-1-Tube-Radio/311542473115?_trksid=p2047675.c100009.m1982&_trkparms=aid%3D777000%26algo%3DABA.MBE%26ao%3D1%26asc%3D35605%26meid%3D1a77b3447b22441fa491795f3901228c%26pid%3D100009%26rk%3D1%26rkt%3D1%26sd%3D301872694931

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<https://www.avast.com/sig-email> www.avast.com

12697. Re: [AWA Group] See interior photos. Note method of changing pancake coil coupling.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-18 16:41:13 UTC
From: Louis Vermond
Topic: 12695 Message: 12697
Attachments: 1 described; binary payloads are missing from this source WARC

That is pretty clever. Yes it is...

BTW, missed you last night. I believe I sent out the msg that I would be attending my youngest daughters birthday party... 42!!!

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https://www.avast.com/antivirus

12698. RE: [AWA Group] See interior photos. Note method of changing pancake coil coupling.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-18 16:43:43 UTC
From: Mike Feher
Topic: 12695 Message: 12698
Attachments: 1 described; binary payloads are missing from this source WARC

Yep, I think you did. Wow, your youngest is 42. You must have started early. My daughter is 45 and my two boys are 38 and 33 to be 39 and 34 in a few months. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, February 18, 2016 11:41 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] See interior photos. Note method of changing pancake coil coupling.

That is pretty clever. Yes it is...

BTW, missed you last night. I believe I sent out the msg that I would be attending my youngest daughters birthday party... 42!!!

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12699. Re: [AWA Group] See interior photos. Note method of changing pancake coil coupling.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-18 16:56:44 UTC
From: Louis Vermond
Topic: 12695 Message: 12699

My daughter is 45 and my two boys are 38 and 33 to be 39 and 34 in a few months.

We were both prolific! Here, 4.

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12700. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-19 02:25:47 UTC
From: mattgoff54@...
Topic: 12624 Message: 12700

Update: put the pot on the fil as Larry suggested and I could easily hear where the center is. But it was still a little rough sounding. Out of curiosity I put it to my homebrew type 80 rectified PS, which is now usable thanks to some of you. Its comprised of a Thordarson 350-0-350 @ 70mA, an 8 henry 300mA choke, and two 7.5uf 1400v Aerovox cans (new production from ebay). And the tone is far, far better with this PS. Go figure. I guess Ill be tearing into the heath supply and maybe replacing caps.

Now if I can get rid of the padder cap and its accompanying drift I'll be almost good to go.

12701. Converting the TNT to D.C. filament voltage operation

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-19 02:56:26 UTC
From: Louis Vermond
Topic: 12701 Message: 12701
Attachments: 2 described; binary payloads are missing from this source WARC

T-9

Tks VE7SL

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12702. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-19 03:06:33 UTC
From: N1BUG
Topic: 12624 Message: 12702

> Coast-to-coast QSOs happen routinely in the B-K event. Aim high
> Matt!

I have to agree with Steve. From here in central Maine I routinely work VE7s on the west coast of Canada during the BK event on 40 and 80 meters. 160 meters is a little hit or miss - propagation has to be reasonably good for that at BK power levels.

73,
Paul N1BUG

12703. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-19 04:49:11 UTC
From: Ron Barlow
Topic: 12624 Message: 12703

Hi Matt, Does your Heath supply have any disc ceramic caps across the individual rectifier diodes? If not, then I suggest that you install .01 mfd, 1 kilovolt ceramic caps, across each of those diodes, before proceeding. This may save you from needlessly replacing the filter caps. 73 de ron n4gjv

On Thursday, February 18, 2016 10:06 PM, "N1BUG paul@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

> Coast-to-coast QSOs happen routinely in the B-K event. Aim high
> Matt!

I have to agree with Steve. From here in central Maine I routinely work VE7s on the west coast of Canada during the BK event on 40 and 80 meters. 160 meters is a little hit or miss - propagation has to be reasonably good for that at BK power levels.

73,
Paul N1BUG

12704. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-19 06:14:08 UTC
From: Ron Barlow
Topic: 12624 Message: 12704

Hi Larry et all, I can't be absolutely certain, without seeing the schematic diagrams, but I believe that the wire-wound grid leak resistors involved, in the 30s vintage QRO rigs, that you mention, are isolated from the RF signal---. Either by an RFC, a bypass capacitor----Or the grid leak resistor is connected to the center tap of a balanced tank circuit. In all of these cases, only the DC grid current would actually be flowing through the wire-wound resistor. (Only a meager trace of RF current flow should be flowing through the grid leak resistor, if the RFC, or the bypass cap is performing its intended task correctly-----or that the center tap of the balanced tank circuit is accurately connected to the RF node, of the tank coil). Note that this typically applies to PA, IPA, and frequency multiplier stages. However, in the case of the grid leak assembly, that is typically used in our power oscillators, the grid leak resistor is connected in parallel with its associated capacitor, and is located directly in the RF signal path. Again, I realize that there isn't a great deal of RF voltage appearing across the grid leak, but there is some. Personally, I don't have a warm, fuzzy feeling abut putting a wire-wound resistor (essentially a very low Q inductor, shunted by a very low Q cap---the capacitance due to the inter-winding parasitic capacitance between the turns of resistance wire) in the signal path. Anyway, that's the root of my probably tainted line of reasoning. I personally would not use a wire-wound resistor, in that location, in my rig. (Nor would I have good reason to do so, due to its low power level !). FWIW, my original purpose for mentioning this issue, was to provide a very last ditch desperation type effort, in case nothing else provided a cure, for
the problem. 73 de ron
n4gjv

On Tuesday, February 16, 2016 4:57 PM, "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

> On 2/16/16 2:40 PM, Ron Barlow imalowfer@yahoo.com [AWAGroup] wrote:
>
> I can not say for certain that the use of a wirewound resistor in the grid leak assembly, will cause a problem, but be aware that the use of such a resistor may cause a problem. In general, conventional wirewound resistors are not suitable for RF circuitry.

Whereas I generally agree with Ron's statements, a perusal of the 1930s Handbooks and QSTs will show many (most?) of the higher-powers rigs used wire-wound grid leak resistors. With large triodes, a fair amount of power needs to be dissipated in the grid leak, and unless you make up a large bank of carbon-comps*, it's tough to get a resistor with the power dissipation rating without using a wire-wound one. My PP-812 rig uses a wire-wound grid leak, and it has worked fine on 160M - 10M.

*and because of the bulk of this arrangement it may not be so RF-friendly either.

73,
-Larry/NE1S

12705. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-19 10:33:39 UTC
From: dulmagedon@...
Topic: 12624 Message: 12705

I think W0VLZ is the farthest I have heard west of me. And then we got stomped by QRM right on top of us. I would like to hear a VE7 here. Next time you fire up on the west coast give us a heads up and I will listen on freq. Probably in truth I never gave the possibility a serious thought.
BTW Isnt the AWA AM QSO party this weekend? I have been working on my arsenal and have several ready to go including a 45 tube Hartley series cathode modulated with a 01A. Just popped my best 45 in it last evening. I have two weak ones but one almost new that is very strong comparatively speaking. Also found a good way to adjust modulation depth to keep the possibility of FM to a bare minimum if at all. Using the BFO function on my digital rx with the step set very narrow and trying to modulate with out an audio note change(hetrodyne note) Since an audio note change would only be a few cycles (20hz) it is very easy to detect. First find out where it does it then back off just till it doesn't. Will probably fire up the ARC5s and the No 19 for the event. The Dx60B station is now gathering dust and is for sale. Too new for my taste even though it works pretty good.
donVE3LYX

12706. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-19 18:59:43 UTC
From: mattgoff54@...
Topic: 12624 Message: 12706

Ron, Im not really sure what is in there. Its a Heath-Zenith SP 2717A. I do see two GT rectifier tubes through the top vent.

Matt

12707. TNT VVV

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-20 01:11:04 UTC
From: mattgoff54@...
Topic: 12707 Message: 12707

If anyone is still in the shack on a friday night I will be testing and CQing around 3.869 now and again and top of the hour 0200Z. Although it is windy.

73 Matt KC8ZQS

12708. Re: [AWA Group] TNT VVV

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-20 01:55:12 UTC
From: Niel - W0VLZ
Topic: 12707 Message: 12708

Matt,

According to the RBN
http://www.reversebeacon.net/dxsd1/dxsd1.php?f=0&c=KC8ZQS&t=dx you were
doing a fine job this evening on 3568. Was that your TNT or another rig?

73,
Niel - W0VLZ

mattgoff54@... [AWAGroup] wrote:
>
> If anyone is still in the shack on a friday night I will be testing
> and CQing around 3.869 now and again and top of the hour 0200Z.
> Although it is windy.
>
> 73 Matt KC8ZQS
>
>

12709. Re: [AWA Group] TNT VVV

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-20 02:02:56 UTC
From: mattgoff54@...
Topic: 12707 Message: 12709

Yep that was the TNT. I still dont know how that thing works......curious

12710. Re: TNT VVV

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-20 02:12:25 UTC
From: dulmagedon@...
Topic: 12707 Message: 12710

3.869 is occupied by an am group. Where next?
donve3lyx

12711. Re: TNT VVV

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-20 02:29:23 UTC
From: mattgoff54@...
Topic: 12707 Message: 12711

3.586?

12712. Re: [AWA Group] Re: TNT VVV

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-20 02:37:49 UTC
From: Eric NO3M
Topic: 12707 Message: 12712

5 over S9 hr. Fair amount of chirp, but tone sounds nearly DC. There were also some frequency excursions both up and down, not really consistent drift, more erratic. Frequency would be stable for a while then suddenly start moving up or down, then stabilize again for a while.

73 Eric NO3M

On 02/19/2016 09:29 PM, mattgoff54@... [AWAGroup] wrote:
>
> 3.586?
>
>
> ---
>

12713. Re: [AWA Group] Re: TNT VVV

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-20 02:42:36 UTC
From: mattgoff54@...
Topic: 12707 Message: 12713

Thanks Eric. Interesting on the chirp, I dont hear much on my receiver. Frequency jumps are undoubtedly the antenna bouncing about when the wind is strong. I can hear the ladder line slapping the wall outside.

12714. Re: [AWA Group] Re: TNT VVV

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-20 03:06:10 UTC
From: Don Dulmage
Topic: 12707 Message: 12714

Yeah my antenna is causing me grief in this wind too. My computer is upstairs but my CW stuff is downstairs except for one on 3561kcs which is rock bound however I could listen for you on the regen and record it. If your still operating tonite did you say 3586? I will watch here in case you reply.
donVe3LYX

On Fri, 2/19/16, mattgoff54@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Re: TNT VVV
To: AWAGroup@yahoogroups.com
Received: Friday, February 19, 2016, 9:42 PM

Thanks Eric. Interesting on the chirp, I dont hear
much on my receiver. Frequency jumps are undoubtedly the
antenna bouncing about when the wind is strong. I can hear
the ladder line slapping the wall outside.

12715. Re: [AWA Group] Re: TNT VVV

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-20 03:10:33 UTC
From: mattgoff54@...
Topic: 12707 Message: 12715

Yep 3.586 +/- a recording would be great. Ill throw some cq's out.

12716. Re: [AWA Group] Re: TNT VVV

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-20 03:16:54 UTC
From: Don Dulmage
Topic: 12707 Message: 12716

giv er I am tuned up and listening

On Fri, 2/19/16, mattgoff54@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Re: TNT VVV
To: AWAGroup@yahoogroups.com
Received: Friday, February 19, 2016, 10:10 PM

Yep 3.586 +/- a recording would be great. Ill throw
some cq's out.

12717. Re: [AWA Group] TNT VVV

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-20 03:28:33 UTC
From: Whitebear1122
Topic: 12707 Message: 12717

Hearing KC8ZQS calling CQ on 3586. Just above the S-3 noise level, with some nice 29 charm. It took many times to copy the callsign so I wouldn’t be able to make it. 73, Scott WA9WFA

12718. Re: [AWA Group] Re: TNT VVV

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-20 03:29:22 UTC
From: Don Dulmage
Topic: 12707 Message: 12718

I could hear you on the Kenwood. I have a collins mech filter installed in it so I have to tune the backside of the if but it sounded not bad to my ear. Standby and I will see if it came thru on the recorder.
don

On Fri, 2/19/16, mattgoff54@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Re: TNT VVV
To: AWAGroup@yahoogroups.com
Received: Friday, February 19, 2016, 10:10 PM

Yep 3.586 +/- a recording would be great. Ill throw
some cq's out.

12719. Re: [AWA Group] Re: TNT VVV

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-20 03:43:21 UTC
From: Eric NO3M
Topic: 12707 Message: 12719

Recording:

http://no3m.net/wp-content/uploads/2016/02/kc8zqs-2016-02-19-2.mp3

On 02/19/2016 10:10 PM, mattgoff54@... [AWAGroup] wrote:
>
> Yep 3.586 +/- a recording would be great. Ill throw some cq's out.
>
>
> ---
>

12720. Re: [AWA Group] Re: TNT VVV

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-20 03:58:40 UTC
From: Don Dulmage
Topic: 12707 Message: 12720

I cant seem to get mine to load .604 Kb Anyway Rig sounded decent here. You can tell it is old time but certainly decent.
don

On Fri, 2/19/16, Eric NO3M no3m@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Re: TNT VVV
To: AWAGroup@yahoogroups.com
Received: Friday, February 19, 2016, 10:43 PM

Recording:

http://no3m.net/wp-content/uploads/2016/02/kc8zqs-2016-02-19-2.mp3

On 02/19/2016 10:10 PM, mattgoff54@...
[AWAGroup] wrote:

Yep 3.586 +/- a recording would be great. Ill
throw some
cq's out.

12721. Re: [AWA Group] Re: TNT VVV

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-20 04:50:46 UTC
From: mattgoff54@...
Topic: 12707 Message: 12721

Ok, well thanks for listening and it ever loads Id still like to hear it Don. Thanks for your recording Eric. I'll take the chirp over the tone I had two days ago anyway haha.

12723. Re: [AWA Group] Re: TNT VVV

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-20 05:22:57 UTC
From: Don Dulmage
Topic: 12707 Message: 12723

When I click attach files it tells me I can attach up to 25MBso I click browse and the file shows as attac the files and it just sits there for a long wile at first the circle goes around then it stops and that is it. could be my server. I will go to a WIFi in the morning and try. Meanwhile if anyone knows what I am doing wrong HELP! BTW tomorrow is the AWA AM QSO event. I am hoping propagation is decent. I would like at least two of my small one tube phone rigs in the log as well as the no 19 and the ARC5.
donVe3LYX

On Fri, 2/19/16, mattgoff54@yahoo.com [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Re: TNT VVV
To: AWAGroup@yahoogroups.com
Received: Friday, February 19, 2016, 11:58 PM

No problem thanks for listening Don im sure Ill
have another opportunity for a recording at your qth. Thanks
for yours Eric, I guess it does chirp along but Ill take
that over the tone I had two days ago..

12724. Re: [AWA Group] Re: TNT VVV

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-20 12:43:19 UTC
From: mattgoff54@...
Topic: 12707 Message: 12724

BTW thanks Scott for the report as well. Glad Im finally getting out. I dunno Don, I dont fool with computers if I can help it. Just at work. I may enlist your arc-5 knowledge after I have a consistent 29 setup going. I have a bc-458 that Id like to put on 40m CW and AM, but other than modding it to reach up to 40m band I really dont want to change it if I can help it. Its 100% stock.

Other than that and my TNT with a loop in front of the coil, (I was playing around with that last night) I dont have a vintage AM rig sadly.

12725. Re: [AWA Group] Re: TNT VVV

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-20 14:46:13 UTC
From: dulmagedon@...
Topic: 12707 Message: 12725
Attachments: 2 described; binary payloads are missing from this source WARC

Well that is certainly fun. Of course you can cathode modulate your ARC 5 which is what I do through your CW key connection without the relay. And it works on TNTs and Hartleys as well.
The Loop is fascinating.
Take your best RX and put it on Cw , Listen for your TNts hetrodyne. Place the loop close enough to modulate but far enough away the note (Hetrodyne) stays the same note (Musically). That will give the best performance technically.(absolute minimum signal walking) In reality I might push it a bit but not much.
I unfortunately have to play(fiddle) tonite from 6 to 8 pm so will miss the opening of the QSO party but I aim to be home as soon as I can and on air. Probably 9 pm for sure if not before. I want to use the cathode modded hartely for at least one contact, The 45 Loop modded hartley for another both on 80m and will try and stay above 3800 so I can play with all. Then I want to to one with the40M loop TNT which has been my best (and first.) After that the Arc 5 on 80M and then my No 19 WS. I am hoping to run all weekend barefoot and to leave the DX60B station off.
BTW I have listened to your recording about a dozen times. Sounds really good here.
If you are playing in the shack give me a heads up and I will listen for you. Any mode.
donVE3LYX

12726. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-20 16:25:06 UTC
From: Larry Szendrei
Topic: 12624 Message: 12726

On 2/19/16 5:33 AM, dulmagedon@... [AWAGroup] wrote:
>
>
> BTW Isnt the AWA AM QSO party this weekend?
>

Yes! 6PM local (EST) tonight until 6PM local tomorrow.

Details at:
http://www.antiquewireless.org/awa-amplitude-modulation-qso-party.html

I'll be operating as W2AN on 75M. Look for me tonight between 3880-3890,
and tomorrow from 4PM-6PM I'll be running the AWA PM AM net on 3837KHz
as W2AN.

> I have been working on my arsenal and have several ready to go
> including a 45 tube Hartley series cathode modulated with a 01A. Just
> popped my best 45 in it last evening. I have two weak ones but one
> almost new that is very strong comparatively speaking. Also found a
> good way to adjust modulation depth to keep the possibility of FM to a
> bare minimum if at all. Using the BFO function on my digital rx with
> the step set very narrow and trying to modulate with out an audio note
> change(hetrodyne note) Since an audio note change would only be a few
> cycles (20hz) it is very easy to detect. First find out where it does
> it then back off just till it doesn't. Will probably fire up the ARC5s
> and the No 19 for the event. The Dx60B station is now gathering dust
> and is for sale. Too new for my taste even though it works pretty good.
>
Good deal, Don. I hope to talk with you, Lou, and many others.

73,
-Larry/NE1S

12727. Re: [AWA Group] Re: TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-20 16:37:51 UTC
From: Don Dulmage
Topic: 12624 Message: 12727

Will be testing for a bit on 3836 if it is still open with the cat mod hartley. if its busy up 10kcs
donVe3LYX

On Sat, 2/20/16, Larry Szendrei ne1s@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Re: TNT Woes
To: AWAGroup@yahoogroups.com
Received: Saturday, February 20, 2016, 11:25 AM

On 2/19/16
5:33 AM, dulmagedon@...
[AWAGroup] wrote:

BTW Isnt the AWA AM QSO party this weekend?

Yes! 6PM local (EST) tonight until 6PM local
tomorrow.

Details at:

http://www.antiquewireless.org/awa-amplitude-modulation-qso-party.html

I'll be operating as W2AN on 75M. Look for me
tonight between
3880-3890, and tomorrow from 4PM-6PM I'll be running
the AWA PM AM
net on 3837KHz as W2AN.

I have been working on my arsenal and have
several ready
to go including a 45 tube Hartley series
cathode modulated
with a 01A. Just popped my best 45 in it
last evening. I
have two weak ones but one almost new that is
very strong
comparatively speaking. Also found a good way
to adjust
modulation depth to keep the possibility of FM
to a bare
minimum if at all. Using the BFO function on
my digital rx
with the step set very narrow and trying to
modulate with
out an audio note change(hetrodyne note) Since
an audio

note change would only be a few cycles (20hz)
it is very
easy to detect. First find out where it does
it then back
off just till it doesn't. Will probably
fire up the ARC5s
and the No 19 for the event. The Dx60B station
is now
gathering dust and is for sale. Too new for my
taste even
though it works pretty good.

Good deal, Don. I hope to talk with you, Lou, and many
others.

73,

-Larry/NE1S

12728. Re: [AWA Group] Re: TNT VVV

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-20 16:44:18 UTC
From: Larry Szendrei
Topic: 12707 Message: 12728

On 2/19/16 10:43 PM, Eric NO3M no3m@... [AWAGroup] wrote:
>
> Recording:
>
>
> http://no3m.net/wp-content/uploads/2016/02/kc8zqs-2016-02-19-2.mp3
>
>
>

VY FB, Matt (and Eric!). Good job. The frequency excursions sound like
the effect of wind on the antenna to my ear.

73 and congrats,
-Larry/NE1S
>

12729. RE: [AWA Group] TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-20 22:53:54 UTC
From: Steve Flood
Topic: 12624 Message: 12729

>The rough note is usually the result of oscillation on multiple frequencies--Due to excessive feedback, incorrect time constant in grid leak circuit (wrong RC ratio), etc. That 250 pf grid leak circuit capacitor may be a bit on the large (C) size. You might try reducing that cap to ~ 100 pf, if all else fails.

Ron mentioned the time constant of the RC grid leak combo. While building my Hull Hartley, I came across a couple references on this subject. In Army Manual TM-11-665 “CW and AM Radio Transmitters and Receivers”, on page 47 it says the RC time constant “should be large compared to the period of oscillation, but not too large.” I interpreted that practically to mean; at least do not use an RC time constant that is below the period of oscillation. The manual does not quantify what “too large” means.

The period of oscillation at some target frequencies is:

1.8MHz = 0.555uS

3.5 MHz = 0.286uS

7.0 MHz = 0.142uS

The time constant is R(ohms) x C(Farads).

In my case, a 5000 ohm grid resistor required the following minimum capacitor value to keep the time constant at or above the period of oscillation, according to the manual:

1.8MHz = 111pF

3.5 MHz = 72pF

7.0 MHz = 28pF

The manual further indicates that the RC time constant should be such that it “fires” as peak plate voltage is reached. If the RC fires too soon (TC < period of osc.) the waveform will be distorted. The grid capacitor must hold enough charge to keep the grid negative for at least one cycle (TC >= period of osc.). The grid capacitor must be large enough C to have a low reactance compared to the grid resistor, and also must be at least five to ten times the grid-cathode capacity of the tube.

Frederick Terman (Radio Engineering Handbook) says the grid condenser capacity should be greater than the grid-cathode capacity, and large enough to have a low reactance at the operating frequency, but not so large as to cause intermittent operation.

With that information, I tried 100, 150, 200, and 250pF capacitors with a 5000 ohm resistor. My notes indicate that 250pF is too large for 40m, so I parallel a 4700 resistor to lower the total R. I reasoned that 250pF and 5000pF was thus “too large” in my case. The other effect is a lower grid bias on 40m because of the lower R. Ideally, we could optimize the RC combos for each band and have separate plug-in RC pairs – if one was that interested.

Steve KK7UV

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12730. QSO party

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-21 04:47:45 UTC
From: dulmagedon@...
Topic: 12730 Message: 12730

Had a good time in the AM QSO party tonite. Came in late, worked a bit below the group but them heard Larry with the Flagship call and really wanted that in the log so jumped in. Had a great time both operating and reading the mail till just few minutes ago. Nice to hear Mike FS and John BE. I recognized John's call immediately but couldn't figure out why. He knew. He was my first contact in the BK. Some of the others I know sort of . I was running the No 19 set (currently about 16 watts out) They have a very unusual form of grid modulation. I could hear everyone although when I signed it was getting a bit rough. I stayed reading the mail and it got better after a bit. I laughed right out loud when the 3rd Don KYZ asked if I was modulating a self controlled osc. I said to myself. "You wouldn't need to ask twice" There was one sitting all hooked up on the bench in front of me. He is lucky I had signed ;>) Conditions were not good enough to use it anyway. It wasn't rough but not super conditions which is what you need for only few of watts. Anyway , real nice time. Is Tim HRX flagship call, Tim Walker ?
donVe3LYX

12731. Re: [AWA Group] QSO party

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-21 12:05:11 UTC
From: Larry Szendrei
Topic: 12730 Message: 12731

On 2/20/16 11:47 PM, dulmagedon@... [AWAGroup] wrote:
> Is Tim HRX flagship call, Tim Walker ?
Yep! W1GIG "under normal circumstances."

Good talking with you last night, Don. Glad you had fun. It was also good to hear Mike N4FS on. I didn't hear Lou, but that doesn't mean he wasn't trying.

I hung it up around 11:20 EST. As Mike said, it was "way past my bedtime."

I'll be on this morning for a bit. I'll check into the AM carrier net on 3835 KHz at 8:30, and I'll be running the Sunday PM AM net on 3837 KHz at 4PM.

73 and thanks for participating,
-Larry/NE1S

12732. Re: [AWA Group] TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-21 12:13:31 UTC
From: Larry Szendrei
Topic: 12624 Message: 12732

Good and interesting information, Steve. I realize that a ridiculously large RC would probably be bad, but didn't (and still don't) understand all the reasons. One obvious one is that it is difficult to manufacture a large C without an increase in the R and L parasitic elements. I wonder why too large a C would cause "intermittent operation." The grid-leak R is set by the grid leak bias and grid current that the tube wants to "see," of course.

73,
-Larry/NE1S

On 2/20/16 5:53 PM, 'Steve Flood' kk7uv@... [AWAGroup] wrote:
>
> >The rough note is usually the result of oscillation on multiple
> frequencies--Due to excessive feedback, incorrect _time constant in
> grid leak circuit_ (wrong RC ratio), etc. That 250 pf grid leak
> circuit capacitor may be a bit on the large (C) size. You might try
> reducing that cap to ~ 100 pf, if all else fails.
>
> Ron mentioned the _time constant of the RC grid leak_ combo. While
> building my Hull Hartley, I came across a couple references on this
> subject. In Army Manual TM-11-665 “CW and AM Radio Transmitters and
> Receivers”, on page 47 it says the RC time constant “should be large
> compared to the period of oscillation, but not too large.” I
> interpreted that practically to mean; at least do not use an RC time
> constant that is /below/ the period of oscillation. The manual does
> not quantify what “too large” means.
>
> The period of oscillation at some target frequencies is:
>
> 1.8MHz = 0.555uS
>
> 3.5 MHz = 0.286uS
>
> 7.0 MHz = 0.142uS
>
> The time constant is R(ohms) x C(Farads).
>
> In my case, a 5000 ohm grid resistor required the following minimum
> capacitor value to keep the time constant at or above the period of
> oscillation, according to the manual:
>
> 1.8MHz = 111pF
>
> 3.5 MHz = 72pF

>
> 7.0 MHz = 28pF
>
> The manual further indicates that the RC time constant should be such
> that it “fires” as peak plate voltage is reached. If the RC fires too
> soon (TC < period of osc.) the waveform will be distorted. The grid
> capacitor must hold enough charge to keep the grid negative for at
> least one cycle (TC >= period of osc.). The grid capacitor must be
> large enough C to have a low reactance compared to the grid resistor,
> and also must be at least five to ten times the grid-cathode capacity
> of the tube.
>
> Frederick Terman (Radio Engineering Handbook) says the grid condenser
> capacity should be greater than the grid-cathode capacity, and large
> enough to have a low reactance at the operating frequency, but not so
> large as to cause intermittent operation.
>
> With that information, I tried 100, 150, 200, and 250pF capacitors
> with a 5000 ohm resistor. My notes indicate that 250pF is too large
> for 40m, so I parallel a 4700 resistor to lower the total R. I
> reasoned that 250pF and 5000pF was thus “too large” in my case. The
> other effect is a lower grid bias on 40m because of the lower R.
> Ideally, we could optimize the RC combos for each band and have
> separate plug-in RC pairs – if one was that interested.
>
>

12733. Re: [AWA Group] QSO party

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-21 13:16:50 UTC
From: dulmagedon@...
Topic: 12730 Message: 12733

I am going to go on now from about 8:15 to 9 am . If I can find a quiet hole around 3840 or up in 10 kcs I would like to try the cathode mod hartley. This afternoon I am hoping to put the 80M ARC5 on for the AWA net. I might have to get Dave (- - 2 J) to relay me in as he usually can hear it.
You did a nice job last night Larry.
Lou is probably saving himself for a big finish. I was hoping to hear him as well.
We gotta get Mike to drag up some of his basement treasures and fire them up.
Always neat though to put a voice to a name. Good to hear him on. And Three Dons ! KYZ, GGL and LYX. That won't happen again soon. I guess I was lowest power (18W)with John BE (32W) next. I could hear everyone. Even the Florida guy at the end although just.
73 CUL
donVe3LYX

12734. RE: [AWA Group] TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-21 14:14:51 UTC
From: Mike Feher
Topic: 12624 Message: 12734

This is really good information Steve. Wonder how critical it is since people do change bands without changing the C in the grid. Also, one TC is usually considered to be 63% (this is (1-e^-1) for 1 TC) of RxC. Also you mentioned raising the C, which would increase the TC and increase the period. That of course would have the effect of lowering the frequency. Thanks for digging out this information. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, February 20, 2016 5:54 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] TNT Woes

>The rough note is usually the result of oscillation on multiple frequencies--Due to excessive feedback, incorrect time constant in grid leak circuit (wrong RC ratio), etc. That 250 pf grid leak circuit capacitor may be a bit on the large (C) size. You might try reducing that cap to ~ 100 pf, if all else fails.

Ron mentioned the time constant of the RC grid leak combo. While building my Hull Hartley, I came across a couple references on this subject. In Army Manual TM-11-665 “CW and AM Radio Transmitters and Receivers”, on page 47 it says the RC time constant “should be large compared to the period of oscillation, but not too large.” I interpreted that practically to mean; at least do not use an RC time constant that is below the period of oscillation. The manual does not quantify what “too large” means.

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The manual further indicates that the RC time constant should be such that it “fires” as peak plate voltage is reached. If the RC fires too soon (TC < period of osc.) the waveform will be distorted. The grid capacitor must hold enough charge to keep the grid negative for at least one cycle (TC >= period of osc.). The grid capacitor must be large enough C to have a low reactance compared to the grid resistor, and also must be at least five to ten times the grid-cathode capacity of the tube.

Frederick Terman (Radio Engineering Handbook) says the grid condenser capacity should be greater than the grid-cathode capacity, and large enough to have a low reactance at the operating frequency, but not so large as to cause intermittent operation.

With that information, I tried 100, 150, 200, and 250pF capacitors with a 5000 ohm resistor. My notes indicate that 250pF is too large for 40m, so I parallel a 4700 resistor to lower the total R. I reasoned that 250pF and 5000pF was thus “too large” in my case. The other effect is a lower grid bias on 40m because of the lower R. Ideally, we could optimize the RC combos for each band and have separate plug-in RC pairs – if one was that interested.

Steve KK7UV

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12735. RE: [AWA Group] QSO party

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-21 14:17:34 UTC
From: Mike Feher
Topic: 12730 Message: 12735

Sorry to have missed you Don. Decided to watch “The Manchurian Candidate” and I went upstairs after that. Some other time I hope. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, February 20, 2016 11:48 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] QSO party

Had a good time in the AM QSO party tonite. Came in late, worked a bit below the group but them heard Larry with the Flagship call and really wanted that in the log so jumped in. Had a great time both operating and reading the mail till just few minutes ago. Nice to hear Mike FS and John BE. I recognized John's call immediately but couldn't figure out why. He knew. He was my first contact in the BK. Some of the others I know sort of . I was running the No 19 set (currently about 16 watts out) They have a very unusual form of grid modulation. I could hear everyone although when I signed it was getting a bit rough. I stayed reading the mail and it got better after a bit. I laughed right out loud when the 3rd Don KYZ asked if I was modulating a self controlled osc. I said to myself. "You wouldn't need to ask twice" There was one sitting all hooked up on the bench in front of me. He is lucky I had signed ;>) Conditions were not good enough to use it anyway. It wasn't rough but not super conditions which is what you need for only few of watts. Anyway , real nice time. Is Tim HRX flagship call, Tim Walker ?
donVe3LYX

12736. RE: [AWA Group] QSO party

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-21 14:21:55 UTC
From: Mike Feher
Topic: 12730 Message: 12736

Sounds like you did a great job. Wonder how many you logged in that time. You said you were ready to call it quits right before I came on and Don (KYV) is making these old buzzard transmissions. He does have a tendency to do that. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, February 21, 2016 7:05 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] QSO party

On 2/20/16 11:47 PM, dulmagedon@... [AWAGroup] wrote:
> Is Tim HRX flagship call, Tim Walker ?
Yep! W1GIG "under normal circumstances."

Good talking with you last night, Don. Glad you had fun. It was also good to hear Mike N4FS on. I didn't hear Lou, but that doesn't mean he wasn't trying.

I hung it up around 11:20 EST. As Mike said, it was "way past my bedtime."

I'll be on this morning for a bit. I'll check into the AM carrier net on 3835 KHz at 8:30, and I'll be running the Sunday PM AM net on 3837 KHz at 4PM.

73 and thanks for participating,
-Larry/NE1S

12737. RE: [AWA Group] TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-21 15:10:43 UTC
From: Steve Flood
Topic: 12624 Message: 12737

>raising the C, which would increase the TC and increase the period.

Yes – but of course we'd ordinarily treat the period of oscillation as a design constant since it is just the inverse of the operating frequency: 1/f (Hz). That is, if we presume the RC combo is being optimized for a given frequency.

>Wonder how critical it is since people do change bands without changing the C in the grid.

Ripe for experimentation Mike. Anyone?

We all do some degree of qualitative evaluation of our rigs' signal (growly, raspy, chirpy, etc.). You could simply vary the C values to see what sounds best.

If you want to get down in the weeds with it, you could try a SPICE analysis I suppose. That may at least characterize the sensitivity of the C value while holding all other variables constant. Empirical testing on an actual Hartley would require some way to characterize the variables such as loading, coupling, feedback so they may be treated as constants as grid C is varied. Then you'd have to select some figure of merit for signal purity and a way to measure it. Who's got the time?

Steve KK7UV

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https://www.avast.com/antivirus

12738. RE: [AWA Group] TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-21 15:19:41 UTC
From: Mike Feher
Topic: 12624 Message: 12738

I no longer have any simulation/modeling software, so cannot do a SPICE. Yes, frequency is the reciprocal of the TC and that is why I said frequency would decrease with an increase in C. One of these years I'll play with it and derive some empirical results, if I ever get around to it, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, February 21, 2016 10:11 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] TNT Woes

>raising the C, which would increase the TC and increase the period.

Yes – but of course we'd ordinarily treat the period of oscillation as a design constant since it is just the inverse of the operating frequency: 1/f (Hz). That is, if we presume the RC combo is being optimized for a given frequency.

>Wonder how critical it is since people do change bands without changing the C in the grid.

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We all do some degree of qualitative evaluation of our rigs' signal (growly, raspy, chirpy, etc.). You could simply vary the C values to see what sounds best.

If you want to get down in the weeds with it, you could try a SPICE analysis I suppose. That may at least characterize the sensitivity of the C value while holding all other variables constant. Empirical testing on an actual Hartley would require some way to characterize the variables such as loading, coupling, feedback so they may be treated as constants as grid C is varied. Then you'd have to select some figure of merit for signal purity and a way to measure it. Who's got the time?

Steve KK7UV

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12739. RE: [AWA Group] TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-21 18:37:58 UTC
From: dulmagedon@...
Topic: 12624 Message: 12739

I have built two with adjustable trimmer caps for GL cap. Never played much with the adjustment as long as it worked and they did but maybe I could clean up my 211 rig's note a bit as that is what it uses. Interesting idea anyway. I learned more about GL working on the ECO project. There the choice became very critical.
donVE3LYX

12740. Re: [AWA Group] QSO party

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-21 20:18:02 UTC
From: Larry Szendrei
Topic: 12730 Message: 12740

On 2/21/16 9:21 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Sounds like you did a great job. Wonder how many you logged in that time.
>

Thanks. I logged a total of 25 stations before I hung it up for the evening.
>
> You said you were ready to call it quits right before I came on and
> Don (KYV) is making these old buzzard transmissions. He does have a
> tendency to do that.
>

Yeah - old buzzard transmissions have been happening ever since the
beginning of 'fone on amateur radio, maybe longer. For some that's the
only kind of transmission they know how to make. Don's a good guy,
though. I usually like the other station(s) to buzzard on - it lets me
get some work done at the bench!

I'm glad a stayed in for a bit longer - logged another 4 stations after
Don KYV checked in. One of them was you.

73,
-Larry/NE1S

12741. Re: QSO party

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-21 22:21:13 UTC
From: alexm_1968@...
Topic: 12730 Message: 12741

Hi Don, I was wondering if I could join in the fun of the AM QSO party I would like to know the frequency and day & time. I 'would to try to join in with the Mighty WS19Mk3, I think this would be the best way to test that beast..

Alex VE2AIU

12742. RE: [AWA Group] Re: QSO party

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-21 22:24:09 UTC
From: Mike Feher
Topic: 12730 Message: 12742

Alex –

Larry NE1S is probably on right now till 6 PM on 3837. He is using the call W2AN. Give it a try. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, February 21, 2016 5:21 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: QSO party

Hi Don, I was wondering if I could join in the fun of the AM QSO party I would like to know the frequency and day & time.

I 'would to try to join in with the Mighty WS19Mk3, I think this would be the best way to test that beast..

Alex VE2AIU

12743. Re: QSO party

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-22 03:24:39 UTC
From: dulmagedon@...
Topic: 12730 Message: 12743
Attachments: 1 described; binary payloads are missing from this source WARC

Oh , Alex, Sorry I was away when the post came up. Just got home. I was on earlier with the group and last night as well Just submitted my log. Thanks Mike for stepping in and giving Alex the hinweiss.
I used the No 19 in the whole weekend. It was doing a serviceable job for me and I am enjoying it a lot. If you didn't get in with the group in time, anytime you want to try I will go on with you. Just tell me when and where. 3605 is a good place for us with our Canadian license as it is a quiet spot and we are allowed there. On 40M I used to do testing with VE6PG on 7120 for the same reason. If busy go up 10kcs.
Here is a photo the XYL took during this afternoon's adventure.
BTW Mike who answered you has one (No19) as well or did. I think he still has it if I understood correctly.
donVe3LYX

12744. RE: [AWA Group] TNT Woes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-22 15:51:13 UTC
From: mattgoff54@...
Topic: 12624 Message: 12744

Didnt get to do the qso party as I had to get a transmission back in my truck. I looked for the AM carrier net and any activity and didnt hear anything. Probably not at the right place at the right time. Hopefully next time.

Lots of good grid leak info there Steve and all who replied. I'll have to digest all of it. I dont have many caps and appropriate wattage resisitors so my options are limited but I'll play with it some.

I made two QSO's with the TNT last night. I found that the drift I had was largely due to the choke I was using in the B+. It was a large receiver choke, not sure of the inductance but switching to a smaller choke (actually the in from my 27 hartley) helped the drift significantly. It also brought the frequency up, so that my 17 plate cardwell bottomed out at 3.607. Solid padder caps all drifted, so now the cardwell wears a pilot midget condenser on its back. The rig still drifts slightly. Maybe 200 Hz in the 45 min I was operating. Been investigating..maybe the choke still isnt ideal for 300-400v.

Does anyone have a good source for the little center tapped fil resistors? Im still using a 500 ohm pot, and while I can get it sounding nice with the pot, If I use two resistors, carefully chosen to match each other, its noticeably not as clean. A small adjustable tap wirewound would be ideal.

73, Matt KC8ZQS

12745. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-22 18:21:16 UTC
From: Louis Vermond
Topic: 130 Message: 12745

http://www.ebay.co.uk/itm/AMATEUR-RADIO-CB-WW2-REDIFON-TUNER-RADIO-FREQUENCY-UNIT-/281940061309?hash=item41a4efec7d:g:5fgAAOSwDuJWxz0F

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https://www.avast.com/antivirus

12746. Unusual BC Set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-22 19:40:08 UTC
From: Louis Vermond
Topic: 12746 Message: 12746

http://www.ebay.com/itm/ANTIQUE-ONE-TUBE-RADIO-W-GLASS-PANEL-CASE-B-C-RADIO-MFG-IN-BOSTON-MA-1920s/252288561461?_trksid=p2047675.c100011.m1850&_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D35558%26meid%3D90c432b773f744d69a1f90e32716be24%26pid%3D100011%26rk%3D1%26rkt%3D7%26sd%3D331778083303

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https://www.avast.com/antivirus

12747. Re: Unusual BC Set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-22 20:26:07 UTC
From: w0vlz@...
Topic: 12746 Message: 12747

When looking at this set I noticed this Browning-Drake:
http://www.ebay.com/itm/ANTIQUE-RADIO-4-TUBE-BROWNING-DRAKE-WOW/252288201621
http://www.ebay.com/itm/ANTIQUE-RADIO-4-TUBE-BROWNING-DRAKE-WOW/252288201621 National Radio got into radio making the variable caps and coils for Browning Drake. Prior to this they were stamping asbestos panels for large transformers and tin pieces for toys and household stuff.

Niel W0VLZ

12748. New TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-22 22:47:16 UTC
From: dulmagedon@...
Topic: 12748 Message: 12748
Attachments: 1 described; binary payloads are missing from this source WARC

A few days back Lou was fooling around with a 203 tube and his TNT. I have a 211 Hartley but never thought about a big tube TNT. And then we had Lou's on air Phone test. and then Matt Goff's TNT adventures. well a man can only take so much so I varnished a board,dug through my junk box and here it is. I am calling it Louis II since it is my second TNT and Lou also inspired the first one. It is a wired and proofed. GDO says the main tuning centre is the 40M band and the grid coil peaks at 7050 to 7150 on the GDO tube installed. I have to do the power cabling to the PSU or unhook the Hartley's. This is my 211 from the Hartley but I would like to pick up another so I have a pill jar collecting $ and pocket change. I haven't put power to it yet but I always have to work through that in my mind first and double check everything. And I have to decide on Antenna coupling although my other TNT system works so well I may just duplicate it.
donVE3LYX

12749. RE: [AWA Group] Unusual BC Set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-23 02:07:04 UTC
From: Mike Feher
Topic: 12746 Message: 12749

It is neat. I have been watching it for over a week since the guy took it of eBay the first time claiming an error in the listing. I did get it, but for a ridiculous amount for a one tube set. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, February 22, 2016 2:40 PM
To: AWAGroup
Subject: [AWA Group] Unusual BC Set

http://www.ebay.com/itm/ANTIQUE-ONE-TUBE-RADIO-W-GLASS-PANEL-CASE-B-C-RADIO-MFG-IN-BOSTON-MA-1920s/252288561461?_trksid=p2047675.c100011.m1850 <http://www.ebay.com/itm/ANTIQUE-ONE-TUBE-RADIO-W-GLASS-PANEL-CASE-B-C-RADIO-MFG-IN-BOSTON-MA-1920s/252288561461?_trksid=p2047675.c100011.m1850&_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D35558%26meid%3D90c432b773f744d69a1f90e32716be24%26pid%3D100011%26rk%3D1%26rkt%3D7%26sd%3D331778083303> &_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D35558%26meid%3D90c432b773f744d69a1f90e32716be24%26pid%3D100011%26rk%3D1%26rkt%3D7%26sd%3D331778083303

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12750. Does anyone here have a metal lathe....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-23 02:14:30 UTC
From: Louis Vermond
Topic: 12750 Message: 12750
Attachments: 2 described; binary payloads are missing from this source WARC

Hello,

As some here know, I built a P-P TPTG rig some years ago. While this circuit has lived up to its reputation for good stability and tone, with two controls plus hand effect it is not a "Kelley contest rig".

Recently I acquired a pair of vernier drive 500 mmfd. Cardwells which I have temporarily installed in the rig. While they have helped with zeroing in on frequency, tank condenser hand effect is still an issue.

As you see below, I have installed an wood dowel extender which does away with this problem. While the extender does the job, wood lacks the pizzazz of Bakelite or hard rubber.

Does anyone here have a metal lathe able to make* an extender for me? I will provide a drawing and a length of 3/8" dia. hard rubber rod.

Payment/trades discussed directly.

What say?

73, Lou
VE3AWA
Ldvermond@...

* It involves: Cutting to length, internal 8-32 threaded hole each end and 6/32 taped set screw holes each end.

The grid circuit is unaffected by hand capacity.

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https://www.avast.com/antivirus

12751. Re: [AWA Group] Unusual BC Set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-23 02:19:20 UTC
From: Louis Vermond
Topic: 12746 Message: 12751

It is neat. I have been watching it for over a week since the guy took it of eBay the first time claiming an error in the listing. I did get it, but for a ridiculous amount for a one tube set. 73 - Mike

Congrats, Mike. For that Unusual BC Set, not ridiculous at all. Wonder if it tunes up to 1800? Lou

---
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12752. RE: [AWA Group] Unusual BC Set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-23 02:21:14 UTC
From: Mike Feher
Topic: 12746 Message: 12752

I'll try it out when I get it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, February 22, 2016 9:19 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Unusual BC Set

It is neat. I have been watching it for over a week since the guy took it of eBay the first time claiming an error in the listing. I did get it, but for a ridiculous amount for a one tube set. 73 - Mike

Congrats, Mike. For that Unusual BC Set, not ridiculous at all. Wonder if it tunes up to 1800? Lou

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12753. Re: Does anyone here have a metal lathe....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-23 02:25:47 UTC
From: dulmagedon@...
Topic: 12750 Message: 12753

Well I have two lathes Eyesight is going and I have never tried machining hard rubber before. If no one else bites I could try. Send extra ;>) in case I mess up. The tapping would be no trouble.
donVe3LYX

12754. well done...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-23 13:52:14 UTC
From: Louis Vermond
Topic: 12754 Message: 12754

https://www.youtube.com/watch?v=I9m2w4DgeVk&feature=youtu.be

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https://www.avast.com/antivirus

12755. Re: New TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-23 14:29:08 UTC
From: mattgoff54@...
Topic: 12748 Message: 12755

Don, how much juice are you going to run on that? Once I figure out what Im doing id like to do some big tube projects just for fun. I just bought a pair of vt-4-c's and have a pair of Eimac 250TH's sitting on the shelf sitting in the sockets. They would make a good lamp.

Matt KC8ZQS

12756. Re: [AWA Group] well done...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-23 18:13:21 UTC
From: Steve
Topic: 12754 Message: 12756

Good one Lou. I found one of the quirky waveforms matched what I had been seeing on a HB 630m class D amplifier...now I have a better idea of what caused it.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

12757. Tektronix - Transmission Lines

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-23 18:49:35 UTC
From: Louis Vermond
Topic: 12757 Message: 12757

Good one Lou. I found one of the quirky waveforms matched what I had been seeing on a HB 630m class D amplifier...now I have a better idea of what caused it. Steve

I'm was the postmen. Tnk VE3GZB

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12758. Re: [AWA Group] Re: New TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-23 18:58:10 UTC
From: Larry Szendrei
Topic: 12748 Message: 12758

On 2/23/16 9:29 AM, mattgoff54@... [AWAGroup] wrote:
>
> Don, how much juice are you going to run on that? Once I figure out
> what Im doing id like to do some big tube projects just for fun. I
> just bought a pair of vt-4-c's and have a pair of Eimac 250TH's
> sitting on the shelf sitting in the sockets. They would make a good lamp.
>
VT4C = 211

73,
-Larry/NE1S

(internet's back! :-)

12759. RE: [AWA Group] Re: New TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-23 19:00:54 UTC
From: Mike Feher
Topic: 12748 Message: 12759

Took them long enough. I had to leave last night because I wanted to bid on a radio. Not because of your old buzzard transmission, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, February 23, 2016 1:58 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: New TNT

On 2/23/16 9:29 AM, mattgoff54@yahoo.com [AWAGroup] wrote:

Don, how much juice are you going to run on that? Once I figure out what Im doing id like to do some big tube projects just for fun. I just bought a pair of vt-4-c's and have a pair of Eimac 250TH's sitting on the shelf sitting in the sockets. They would make a good lamp.

VT4C = 211

73,
-Larry/NE1S

(internet's back! :-)

12760. Re: [AWA Group] Re: New TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-23 20:02:37 UTC
From: Larry Szendrei
Topic: 12748 Message: 12760

On 2/23/16 2:00 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Took them long enough.
>

Actually it was back when I got up this morning. They must have
completed the work sometime during the night.
>
> I had to leave last night because I wanted to bid on a radio. Not
> because of your old buzzard transmission, HI. 73 – Mike
>

No problem! I did buzzard on, didn't I? ;-)

73,
-Larry/NE1S

12761. Re: New TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-23 20:24:03 UTC
From: dulmagedon@...
Topic: 12748 Message: 12761

Matt,
On the 211 Hartley I run just around 400 volts key down. (44watts) The tube can handle 1000v. I am just not comfy there. The PSU I built which also does the keying is a AC/DC voltage tripler with a 10volt transformer for the heater. It doesn't work too bad surprisingly. (just read a piece on that style by James Millen , Sept QST 1938, pg 63) I used it for all 40M work in the Linc Cundall and it usually gets an answer if I use it for regular work, almost everytime. So since it is the same tube I think I will just unhook the Hartley and hook up the TNT. I ordered the other 211 this morning. $75 in US funds. I know I could get a lot more power from it but I am simply not comfortable with that. I live in a vintage rig vacuum. Most local hams say "TUBES?" or "Code???" so I have Lou 186 miles to the west, You guys east (350 to 450 miles). One fellow in NYS (70 miles)and Jim Ve3DCX north (60 miles) of me. Lots of times for me a 5 watter is no good. I needed something with a bit more stomp so that is why I built it. I am hoping this one will be as good. I spent today adding wooden bracing to the variable tuning caps mount hoping to eliminate as much as possible any wiggling. I also completed the antenna take off. Hopefully I will screw up enough nerve to out some fire in the wire in the next couple of days. I promised Jim VE3DCX a heads up when I do as he is a big vintage fan and a competent CW operator (NJ CW net) so he has an interest in this kind of rig.
donVE3LYX

12762. Re: New TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-24 00:58:16 UTC
From: dulmagedon@...
Topic: 12748 Message: 12762

I put some power to it. It works but wasn't pretty. Ugly note. It tunes well though. Sweet spot 7070kcs with the sniffer. Too little grid resistance (and getting warm enough to heat the varnish under it.) and too much grid leak cap I think. So I hooked the hartley back up and have been playing on 7063kcs for a bit. I will deal with the TNT perhaps tomorrow. I would like to get it is perfect as possible if I can. I would like it to have a nice note especially.
donVe3LYX

12763. 73, Matt KC8ZQS

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-24 03:15:27 UTC
From: Louis Vermond
Topic: 12763 Message: 12763
Attachments: 3 described; binary payloads are missing from this source WARC

Hang on to ur hats, Boys.

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https://www.avast.com/antivirus

12764. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-24 12:44:08 UTC
From: Louis Vermond
Topic: 130 Message: 12764

http://www.ebay.com/itm/Large-Lot-of-Wilcox-Electric-Ham-Radio-RF-Coils-8-Each-NIP-Ceramic-Inductor-/161987204424?

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12765. Re: New TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-24 15:50:27 UTC
From: dulmagedon@...
Topic: 12748 Message: 12765

I went back at it today. Increased the Grid leak resistor and took it to ground or Cathode connection rather then pumping possible rf through it. I dropped the value of the grid leak cap also. It isn't exactly what I want but it is what I have on hand so for now it will have to suffice. Hooked it back up and tried it. It works. Not perfect but much better and certainly useable. Tuned up on 7049 and called CQ. Otherwise it has pretty good manners Doesnt wander and isn't particularly bothered bu my hand. Tuning is quite fast so i will whip up a LDV vernier (Gromet,) to drive the tuning disc type knob stolen from a 1931 receiver I scrapped. I am going to leave it on 7049 for a day or so. So if you want listen and see if we can work. I haven't measred power yet but will once I am happy with all the values. Going to have to spend some gold (Man I hate that! It runs against my Schwaben Blut) But all in all I am giving it a thumbs up.
donVe3LYX

12766. Re: 73, Matt KC8ZQS

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-24 15:42:54 UTC
From: mattgoff54@...
Topic: 12763 Message: 12766

Thanks for posting the pics, Lou. My main internet device wont let me or I havent figured out how. Also Im honored to see my messy workbench on the group page banner hi hi. I'll get it cleaned up someday..it can cause problems sometimes. Has anyone else ever thought it a good idea to catch the soldering iron that has been pulled off the bench? Makes one feel very intelligent indeed.

Matt KC8ZQS

12767. Re: 73, Matt KC8ZQS

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-24 16:11:39 UTC
From: w0vlz@...
Topic: 12763 Message: 12767

What me worry?

I think my soldering iron was already on the floor.

btw, I insist on advance notice before I let a visitor close to my actual workbench.

73,
Niel - W0VLZ

12768. Re: New TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-24 18:34:13 UTC
From: dulmagedon@...
Topic: 12748 Message: 12768

Getting better. Did further adjustments. Antenna is covered with about 3/8 of an inch of ice (freezing rain today) so I am trying to keep it warm. on or about 7049. It does bother the rig too.
donVE3LYX

12769. The Influence of Amateur Radio on the Development of the Commercial Market for Quartz Piezoelectric Resonators in the United States

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-24 19:03:53 UTC
From: Louis Vermond
Topic: 12769 Message: 12769

http://www.ieee-uffc.org/main/history-brown.asp

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https://www.avast.com/antivirus

12770. Re: The Influence of Amateur Radio on the Development of the Commercial Market for Quartz Piezoelectric Resonators in the United States

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-24 21:40:17 UTC
From: dulmagedon@...
Topic: 12769 Message: 12770

Neat article, I have never made one from scratch but al in my DX60B I have reground moving them up to the freq of choice. For instance from 6995 to 7290. I am going hunting for a piece of quartz. I think I would like a scratch built crystal and crystal holder and a rig to match. It would be a nice addition to the shack.
CR Snelgrove was the manufacturer of choice my Dad used. I don't know why he chose them but it was he favourite supplier when designing.
I also am interested in ceramic resonators. How they are made and where they come from. Maybe an old teacup?
donVe3LYX

12771. Re: [AWA Group] Re: The Influence of Amateur Radio on the Development of the Commercial Market for Quartz Piezoelectric Resonators in the United States

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-24 22:58:53 UTC
From: Larry Szendrei
Topic: 12769 Message: 12771

On 2/24/16 4:40 PM, dulmagedon@... [AWAGroup] wrote:
>
> I have reground moving them up to the freq of choice. For instance
> from 6995 to 7290.
>

You are a patient man, Don. And talented, if you were able to move the frequency that far without the xtal losing its activity. It's critical to maintain parallel surfaces, difficult to do in a home grinding operation. Congrats.

> I am going hunting for a piece of quartz. I think I would like a
> scratch built crystal and crystal holder and a rig to match. It would
> be a nice addition to the shack.
>

Don't let it fool you - there's more to the technology than just sandwiching a flat piece of quartz between two electrodes. The quartz needs to be cleaved in the correct crystallographic planes, for instance. I don't know much about it, but I do know that much.

>
> I also am interested in ceramic resonators. How they are made and
> where they come from. Maybe an old teacup?
> donVe3LYX
>
>
It's some pretty specialized ceramics that are piezoelectric, and I don't think there are too many (any?) that occur naturally. It would have to be a pretty expensive teacup (and most people don't need a piezoelectric teacup).

73,
-Larry/NE1S

12772. RE: [AWA Group] Re: The Influence of Amateur Radio on the Development of the Commercial Market for Quartz Piezoelectric Resonators in the United States

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-25 02:20:02 UTC
From: Mike Feher
Topic: 12769 Message: 12772

They could also get a shock (literally) if the cup ever broke. Don, just think of a crystal microphone, that is a piezo electric transducer. Or, an ignitor for a barbecue. Also the Sonalert alarm. Piezoelectric transducers work similarly to magnetic one in that they can be used to generate electricity when subjected to pressure or, create pressure when electricity is applied. So, they can be use in an oscillator at high frequencies or as filters also depending on the design, 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, February 24, 2016 5:59 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: The Influence of Amateur Radio on the Development of the Commercial Market for Quartz Piezoelectric Resonators in the United States

On 2/24/16 4:40 PM, dulmagedon@... [AWAGroup] wrote:

I have reground moving them up to the freq of choice. For instance from 6995 to 7290.

You are a patient man, Don. And talented, if you were able to move the frequency that far without the xtal losing its activity. It's critical to maintain parallel surfaces, difficult to do in a home grinding operation. Congrats.

I am going hunting for a piece of quartz. I think I would like a scratch built crystal and crystal holder and a rig to match. It would be a nice addition to the shack.

Don't let it fool you - there's more to the technology than just sandwiching a flat piece of quartz between two electrodes. The quartz needs to be cleaved in the correct crystallographic planes, for instance. I don't know much about it, but I do know that much.

I also am interested in ceramic resonators. How they are made and where they come from. Maybe an old teacup?
donVe3LYX

It's some pretty specialized ceramics that are piezoelectric, and I don't think there are too many (any?) that occur naturally. It would have to be a pretty expensive teacup (and most people don't need a piezoelectric teacup).

73,
-Larry/NE1S

12773. Re: [AWA Group] Re: The Influence of Amateur Radio on the Development of the Commercial Market for Quartz Piezoelectric Resonators in the United States

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-25 02:22:42 UTC
From: dulmagedon@...
Topic: 12769 Message: 12773

The edge is the trick. I made a little chip osc (a 7400) for testing(and spotting) I used the off freq crystals (just out of band) I had to make the new ones for the DX60B since all it came with was a 3605 or something. I didnt get them bang on .I think some one said my 3725 was a 1/2 kc high and I think my 7290 is a bit high but not that much. You have worked me on it so would know better. I used the same method we use in carb repair for warped mating surfaces. 600 wet paper , wet on thick glass. Took a long time. but it was interesting. The 40m is a bit stubborn but works ok. The other two were fine. You have to dress the edge like the original crystal or they don't want to star. Took a bit to figure that out. I took another untouched crystal and asked myself "what looks different here?" That is how I learned to make them work.
You are probably right about making one but I always think if someone else did it once why can't I? I think I am determined but my wife says stubborn and has a sign on the kitchen wall that says "Living with A German Builds Character" whatever that is supposed to mean. Anyway to that end I was telling her at supper about reading the piece and how it would be fun to try and make one even if it didnt work. I wondered out loud where I could get some quartz locally. (We are a limestone area.) She laughed, got up from the table and came back with a solid piece of rose quartz. I asked where she got it. She said on our last venture into Austria she bought it in a shop near the Donau river. She said if I could make the bottom flat so it would sit nicely I could steal a 1/4 inch or so. A crystal would normally be .030" to 040" or so depending on freq. Thinner if of course higher. My brother has a wet diamond saw and often cuts ceramic insulators for me so I will see if he can slice me a thin slice even if it is a bit on te thic side.. If it doesn't work it will at least be pretty. Heck, I need the exercise. One of my old ARRL handbooks has a chapter on it and I have read it so I have nothing really to lose by trying. What if it works? But you right. It isnt real simple for sure and it is probably a waste of time. I am just curious. .
don

12774. First minute

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-25 02:46:34 UTC
From: Louis Vermond
Topic: 12774 Message: 12774

https://www.youtube.com/watch?v=JegDWD6hGDs

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12775. Does anyone here have a metal lathe.... Revisited

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-25 03:10:54 UTC
From: Louis Vermond
Topic: 12775 Message: 12775
Attachments: 1 described; binary payloads are missing from this source WARC

Don's run off to Tahti with a Hula Girl. Still looking for a ham with a leathe. Tks, Lou

As some here know, I built a P-P TPTG rig some years ago. While this circuit has lived up to its reputation for good stability and tone, with two controls plus hand effect it is not a "Kelley contest rig".

Recently I acquired a pair of vernier drive 500 mmfd. Cardwells which I have temporarily installed in the rig. While they have helped with zeroing in on frequency, tank condenser hand effect is still an issue.

As you see below, I have installed an wood dowel extender which does away with this problem. While the extender does the job, wood lacks the pizzazz of Bakelite or hard rubber.

Does anyone here have a metal lathe able to make* an extender for me? I will provide a drawing and a length of 3/8" dia. hard rubber rod.

Payment/trades discussed directly.

What say?

73, Lou
VE3AWA
Ldvermond@...

* It involves: Cutting to length, internal 8-32 threaded hole each end and 6/32 taped set screw holes each end.

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https://www.avast.com/antivirus

12776. RE: [AWA Group] Re: The Influence of Amateur Radio on the Development of the Commercial Market for Quartz Piezoelectric Resonators in the United States

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-25 03:10:34 UTC
From: dulmagedon@...
Topic: 12769 Message: 12776

Yes, Lots of interesting uses. I live in a corn growing area and in the 1970s all the bird bangers SmithRoles sold were peizo ignited. There was a Formula one car. Maserati I think that used a quartz pezo electric flake for its ignition. It is in my old Design and Tuning of Competition Engines reference book. I think I know where it is , I will go look. Found the book but not the page (yet) Anyway they said the peizo flake would last an entire race but no more and each race was started with a fresh flake . It was Masarati or Matra or something with a M and a 12 or 16 cylinder race engine with insane RPM limits. I can't find it right now. Tis a thick book!
Anyway the peizo effect is a very interesting deal. I hadn't realized Hams played such an important role in their use and I see from the numbers, were for years the primary users of them. It was a very interesting article and thanks for sharing it. Maybe we should have a rock fest weekend as well. I know Mike has a crystal controlled rig. I have two running here, BE and breadboard (aside from the DX60B) and Lou has his BE he just dug out for tomorrow night. I am sure there are others. Might be fun to trip down memory lane just one more time.
donVe3LYX

12777. Re: [AWA Group] Re: The Influence of Amateur Radio on the Development of the Commercial Market for Quartz Piezoelectric Resonators in the United States

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-25 03:22:49 UTC
From: Louis Vermond
Topic: 12769 Message: 12777
Attachments: 1 described; binary payloads are missing from this source WARC

Lou has his BE he just dug out for tomorrow night. 3542 kc. at 7PM Eastern. Lou

---
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https://www.avast.com/antivirus

12778. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-25 03:25:46 UTC
From: Louis Vermond
Topic: 130 Message: 12778

http://www.ebay.com/itm/QST-amateur-Radio-Magizines-Full-Set-12-Issues-Year-1932-/121904439675?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12779. RE: [AWA Group] Re: The Influence of Amateur Radio on the Development of the Commercial Market for Quartz Piezoelectric Resonators in the United States

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-25 04:44:05 UTC
From: w0vlz@...
Topic: 12769 Message: 12779

Lot's of crystal controlled rigs on the air this week. The "Novice Rig Roundup" is going on. See http://novicerigroundup.com/ http://novicerigroundup.com/ for all of the information. I'm running my Eico 720 for this one.

73,
Niel - W0VLZ
http://w0vlz.blogspot.com/ http://w0vlz.blogspot.com/

12780. Last night Net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-25 12:38:40 UTC
From: dulmagedon@...
Topic: 12780 Message: 12780

Was able to make the net last night due to n ice storm here. Mike you wondered why the difference in signals. I checked geography. I am closer to you by at least 130 mi then the other two. That doesn't say a lot for my set up perhaps or I could just be in the wrong spot propwise. Or it could be the different radiation angle of the 80M vertical. Anyway i could hear you fne here other then the QRN. I am due north of Rochestor NY across the water exactly. (The old rum runners route, Picton or Milford Canada to Rochestor USA. told in the book Booze Boats and Billions) The others are south west and north west of me by a fair distance ATCF. Anyway the ice melted overnite and my long wire for my vintage stuff survived . Gonna try the new TNT this morning with the ice off. 7049 or up 5 if busy.
I had forgotten about the Novice roundup. I will put some fire in the wire Sat anyway with my rock rigs
donVe3LYX

12781. NRR

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-25 13:24:19 UTC
From: Louis Vermond
Topic: 12781 Message: 12781
Attachments: 1 described; binary payloads are missing from this source WARC

Thank you, Niel for Roundup reminder. Lou

Frn Roundup rpt 2015.

Clever to support one end with safety.

73/Hal/WB4AEG

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https://www.avast.com/antivirus

12782. Old QSL's and Pilot Super Wasp

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-25 15:56:09 UTC
From: mattgoff54@...
Topic: 12782 Message: 12782

I bought a number of old qsl's from the 20s up to 1931. I thought it would be interesting to see what folks were using and I was right. Representation of the 210 tube is very high. Few of them state running 750v on it... Anyway I have a few older ones that refer to the tx as a "1DH" circuit. Maybe more obvious than I can see but I dont know what that is. Anyone?

Also whats the opinion on the pilot super wasp rx. I see one on ebay but I dont know what to pay for one.

Matt KC8ZQS

12783. Re: [AWA Group] Old QSL's and Pilot Super Wasp

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-25 16:36:40 UTC
From: Louis Vermond
Topic: 12782 Message: 12783

I bought a number of old qsl's from the 20s up to 1931. Pse scan and share here, Matt.

Also whats the opinion on the pilot super wasp rx. I see one on ebay but I dont know what to pay for one. Condx? Post sellers pic pse.

Lou

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https://www.avast.com/antivirus

12784. Re: [AWA Group] Old QSL's and Pilot Super Wasp

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-25 17:34:57 UTC
From: Carl Nord WA1KPD
Topic: 12782 Message: 12784

I sold my Super Wasp with all coils and fully operational for about $700 10 years ago

----- Original Message -----From: mattgoff54@... [AWAGroup] <AWAGroup@yahoogroups.com>To: AWAGroup@yahoogroups.comSent: Thu, 25 Feb 2016 15:56:09 -0000 (UTC)Subject: [AWA Group] Old QSL's and Pilot Super Wasp

I bought a number of old qsl's from the 20s up to 1931. I thought it would be interesting to see what folks were using and I was right. Representation of the 210 tube is very high. Few of them state running 750v on it... Anyway I have a few older ones that refer to the tx as a "1DH" circuit. Maybe more obvious than I can see but I dont know what that is. Anyone?

Also whats the opinion on the pilot super wasp rx. I see one on ebay but I dont know what to pay for one.

Matt KC8ZQS

12785. Re: [AWA Group] Old QSL's and Pilot Super Wasp

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-25 18:10:10 UTC
From: mattgoff54@...
Topic: 12782 Message: 12785

Thia is the auction https://www.ebay.com/ulk/itm/331781992568

Ill try to fire up the scanner on the desktop and post the qsl's in two photos. Need to get on the computer anyway to make my own vintage style card.

12786. Re: [AWA Group] Old QSL's and Pilot Super Wasp

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-25 18:18:58 UTC
From: Louis Vermond
Topic: 12782 Message: 12786

Gad zooks! AND the companion pwr supply! You've 5 hours to go on both. Remember wt N4FS sed and bid to win! How needs to eat?!

Did the wire arrive? Lou

----- Original Message -----
From: mattgoff54@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-02-25 1:10 PM
Subject: Re: [AWA Group] Old QSL's and Pilot Super Wasp

Thia is the auction https://www.ebay.com/ulk/itm/331781992568

Ill try to fire up the scanner on the desktop and post the qsl's in two photos. Need to get on the computer anyway to make my own vintage style card.

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https://www.avast.com/antivirus

12787. RE: [AWA Group] Old QSL's and Pilot Super Wasp

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-25 18:22:05 UTC
From: Mike Feher
Topic: 12782 Message: 12787

I have been watching this, and do intend to bid on the PS. Have no interest in the Wasp as I do have one. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, February 25, 2016 1:19 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Old QSL's and Pilot Super Wasp

☐

Gad zooks! AND the companion pwr supply! You've 5 hours to go on both. Remember wt N4FS sed and bid to win! How needs to eat?!

Did the wire arrive? Lou

----- Original Message -----

From: mattgoff54@... [AWAGroup] <mailto:mattgoff54@yahoo.com%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2016-02-25 1:10 PM

Subject: Re: [AWA Group] Old QSL's and Pilot Super Wasp

Thia is the auction https://www.ebay.com/ulk/itm/331781992568

Ill try to fire up the scanner on the desktop and post the qsl's in two photos. Need to get on the computer anyway to make my own vintage style card.

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<https://www.avast.com/sig-email> www.avast.com

12788. RE: [AWA Group] Old QSL's and Pilot Super Wasp

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-25 18:47:43 UTC
From: mattgoff54@...
Topic: 12782 Message: 12788

Lou, the package has not arrived yet but it may have today. Mail is funny around here sometimes.

I didnt even know the PS was listed, I was planning on battery operation if I won the wasp, so I wont bid against you Mike.

Matt KC8ZQS

12789. RE: [AWA Group] Old QSL's and Pilot Super Wasp

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-25 18:57:09 UTC
From: Mike Feher
Topic: 12782 Message: 12789

Thanks Matt. I bet as the auction nears the end there will be a lot of bids on the Wasp, so, be ready, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, February 25, 2016 1:48 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Old QSL's and Pilot Super Wasp

Lou, the package has not arrived yet but it may have today. Mail is funny around here sometimes.

I didnt even know the PS was listed, I was planning on battery operation if I won the wasp, so I wont bid against you Mike.

Matt KC8ZQS

12790. Old Movie

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-25 19:30:36 UTC
From: Steve
Topic: 12782 Message: 12790

Some of you may enjoy this old 16mm movie likely made in 1925...shows many Californian amateurs, their shacks, shenanigans and antennas. Clearly some of the guys were still holding on to spark as long as they could, with some of the scenes apparently set up to mock using tubes to generate RF.

The stills photo set, culled from the movie, also includes more description of the movie and locations.

The online video of the 16mm film - http://www.qsl.net/sccara/SCCARA%20in%20the%201920's.mp4

Selected stills taken from the film - http://www.qsl.net/sccara/16mm_film_stills.html

The movie is archived here: http://www.qsl.net/sccara/video_archives.htm

If anyone knows the meaning of 'WARA', seen on one of the hats, it's still a mystery apparently.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

12791. RE: [AWA Group] Old Movie

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-25 20:11:38 UTC
From: Mike Feher
Topic: 12782 Message: 12791

Thanks for sharing this Steve. It is a great homemade video showing those hams having fun. Amazing that it still exists. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, February 25, 2016 2:31 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Old Movie

Some of you may enjoy this old 16mm movie likely made in 1925...shows many Californian amateurs, their shacks, shenanigans and antennas. Clearly some of the guys were still holding on to spark as long as they could, with some of the scenes apparently set up to mock using tubes to generate RF.

The stills photo set, culled from the movie, also includes more description of the movie and locations.

The online video of the 16mm film - http://www.qsl.net/sccara/SCCARA%20in%20the%201920's.mp4

Selected stills taken from the film - http://www.qsl.net/sccara/16mm_film_stills.html

The movie is archived here: http://www.qsl.net/sccara/video_archives.htm

If anyone knows the meaning of 'WARA', seen on one of the hats, it's still a mystery apparently.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

12792. Re: [AWA Group] Old Movie

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-25 21:49:49 UTC
From: Steve
Topic: 12782 Message: 12792

>Thanks for sharing this Steve. It is a great homemade video showing those
>hams having fun. Amazing that it still exists. 73 – Mike

It really is a nice gift from the past & very cool to see some 'real 29ers'
in the flesh!

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

12793. Re: [AWA Group] Old Movie

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-25 22:30:33 UTC
From: mattgoff54@...
Topic: 12782 Message: 12793

RX was a joy because it was so quiet back then.

12794. Re: [AWA Group] Old Movie

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-25 23:02:38 UTC
From: Louis Vermond
Topic: 12782 Message: 12794

RX was a joy because it was so quiet back then. Unless you live in a city with an electric trolley line. Lots of complaints about that in early QSTs.

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https://www.avast.com/antivirus

12795. Re: Old QSL's and Pilot Super Wasp

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-25 23:37:05 UTC
From: dulmagedon@...
Topic: 12782 Message: 12795

1DH= I tube Directly Heated
don

12796. RE: [AWA Group] Old QSL's and Pilot Super Wasp

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-26 00:17:46 UTC
From: Mike Feher
Topic: 12782 Message: 12796

Wow, sold for only $200. Hope you got it Matt. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, February 25, 2016 1:48 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Old QSL's and Pilot Super Wasp

Lou, the package has not arrived yet but it may have today. Mail is funny around here sometimes.

I didnt even know the PS was listed, I was planning on battery operation if I won the wasp, so I wont bid against you Mike.

Matt KC8ZQS

12797. RE: [AWA Group] Re: Old QSL's and Pilot Super Wasp

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-26 00:21:11 UTC
From: Mike Feher
Topic: 12782 Message: 12797

Hey, that is pretty good Don. Although I do not know if it is right. All of the early 20’s rig were directly heated. I thought maybe 1DH was the call of a ham who published the circuit in QST. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, February 25, 2016 6:37 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: Old QSL's and Pilot Super Wasp

1DH= I tube Directly Heated
don

12798. Re: [AWA Group] Old QSL's and Pilot Super Wasp

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-26 00:45:54 UTC
From: Louis Vermond
Topic: 12782 Message: 12798

Wow, sold for only $200. Hope you got it Matt. 73 – Mike

Did you, Mat?!

Lou, the package has not arrived yet but it may have today. QSL...

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12799. RE: [AWA Group] Re: Old QSL's and Pilot Super Wasp

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-26 01:09:33 UTC
From: mattgoff54@...
Topic: 12782 Message: 12799

I did indeed get the Wasp. Should be a lot of fun to get it going. Apparently the "1DH circuit" was published in July 1921 as briefly discussed on this page:

http://theradioboard.com/rb/viewtopic.php?t=554&start=30

Matt KC8ZQS

12800. RE: [AWA Group] Re: Old QSL's and Pilot Super Wasp

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-26 01:18:06 UTC
From: Mike Feher
Topic: 12782 Message: 12800

Congratulations. An excellent price. I saved money and did not win the PS. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, February 25, 2016 8:10 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Re: Old QSL's and Pilot Super Wasp

I did indeed get the Wasp. Should be a lot of fun to get it going. Apparently the "1DH circuit" was published in July 1921 as briefly discussed on this page:

http://theradioboard.com/rb/viewtopic.php?t=554
<http://theradioboard.com/rb/viewtopic.php?t=554&start=30> &start=30

Matt KC8ZQS

12801. Re: [AWA Group] Re: Old QSL's and Pilot Super Wasp

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-26 01:23:52 UTC
From: Louis Vermond
Topic: 12782 Message: 12801

I did indeed get the Wasp. Should be a lot of fun to get it going. Apparently the "1DH circuit" was published in July 1921 as briefly discussed on this page:

FB, Matt. We're all looking forward to hearing about ur Wasp as you work thru it. Lou

---
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https://www.avast.com/antivirus

12802. Re: [AWA Group] Re: 73, Matt KC8ZQS

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-26 03:02:58 UTC
From: Louis Vermond
Topic: 12763 Message: 12802

Thanks for posting the pics, Lou. My pleasure, Matt.

Also Im honored to see my messy workbench on the group page banner hi hi. The best one yet! More telling then any Group Description.

73, Lou

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https://www.avast.com/antivirus

12803. RE: [AWA Group] Re: Old QSL's and Pilot Super Wasp

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-26 03:19:56 UTC
From: dulmagedon@...
Topic: 12782 Message: 12803

I have all of 29 and some of 28 here as well as early thirties. I recently read probably the same article or nearly similar. It could also be single element directly heated as opposed to the 45 say which is a dual element directly heated. By 1930 indirectly heated was already on the scene (56 etc) and in production built radios by 1931.almost totally. I found a reference to directly heated and indirectly heated tubes in the same magazine perhaps the same article so that is where I made the leap of faith from. Just so one knows where I got it. As we all know when building with directly heated tubes there is a whole different set of problems that come with it. I have a hartley with a 45 that is series cathode modulated by a 01A. I have to supply the heaters independently otherwise the cathode circuits dont work. With indirectly heated there would be no trouble. since the heaters are not part of the cathode circuit. So I think and I may be wrong, the concept of this was at this time on designers minds because the circuits by their very nature are and must be different even though they do the same thing. However it was my best guess based on the references in the articles. Someday I will reread t and see of I still think the same. Today have other fish to fry. I bought a second 211 for my 211 sets. I had the old one in the new rig the TNT so I put the new one in the old hartley rig. I fired it up and tuned it to 7049 where I had been working and my call light came on. I have a garage door opener control upstairs for the XYL and a receiver downstairs with a 4 watt light bulb where the garage door opener would plug in. If the XYL wants me she pushes the button. Works well. I got the signal alright. Apparently I wiped out the whole Tv Screen on key down.And during Jeopardy too! Never did that before. .So more stuff to sort out. I kept the sked with Lou but he had a snag too. So I am sitting here tonite humming that old Carlene Carter song "Did I Shave My Legs For This?" ;>) Somedays are great. This one wasn't.
don

---In AWAGroup@yahoogroups.com, <n4fs@...> wrote :

Hey, that is pretty good Don. Although I do not know if it is right. All of the early 20’s rig were directly heated. I thought maybe 1DH was the call of a ham who published the circuit in QST. 73 – Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, February 25, 2016 6:37 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: Old QSL's and Pilot Super Wasp

1DH= I tube Directly Heated
don

12804. Re: [AWA Group] Re: Old QSL's and Pilot Super Wasp

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-26 12:23:32 UTC
From: Larry Szendrei
Topic: 12782 Message: 12804
Attachments: 1 described; binary payloads are missing from this source WARC

On 2/25/16 8:23 PM, 'Louis Vermond' ldvermond@... [AWAGroup] wrote:
>
> □
>
> I did indeed get the Wasp. Should be a lot of fun to get it going.
> Apparently the "1DH circuit" was published in July 1921 as briefly
> discussed on this page:
>
> FB, Matt. We're all looking forward to hearing about ur Wasp as you
> work thru it. Lou
>
>

I've lusted after the Super Wasp for many years, but the price has always been out of reach. I keep telling myself I've already got plenty of toys, and I do.

I tend to be a "bottom feeder." I've always taken in the inexpensive, neglected, abused sets no one else seems to want and give them a home. They've always been swap meet finds or gifts from hams that no longer want them. Some of it is old homebrew equipment built by some ham or hobbyist long ago.

My SW-3 cost me $45. It was in rough shape but restoreable. Jim Kreuzer sold ("gave?") it to me at one of the AWA conventions early in the previous decade. Last August I bought a pair of restoration projects - a Pierson-Delane (i.e., Patterson) PR-15 and a Breting 12 at the Boxboro MA New England ARRL Convention flea market. $20 for both. I had not intended to bring home any more "boxes" but for the price I couldn't say no. Last fall I worked on the Pierson-Delane receiver and it became a wedding gift for my friend Bruce W1UJR. The Breting is on the bench now and I've pretty much completed the electrical work and it's working, but I need to do something about the meters, which are stuck. Also, one of the meter housings is missing, and the other is in real rough shape. I bought a pair of period meters recently with housings that might be able to be modified to accept the innards of the Breting meters, assuming I can fix the sticking movements. I also need to take apart the tuning mechanism to clean and lubricate it. The two halves of the split gear are stuck together, so there is backlash.

I've attached a photo of the Pierson-Delane. I had to fabricate a substitute for the dial plate, which was missing. It's far from perfect but it's the best I could do with what I could come up with. I have a lot more patience and talent for the electronic work over the "mechanical" work.

73,
-Larry/NE1S

12805. Fw: [AWA Group] Re: Old QSL's and Pilot Super Wasp [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-26 12:54:14 UTC
From: Louis Vermond
Topic: 12805 Message: 12805
Attachments: 1 described; binary payloads are missing from this source WARC

GM,

It's a handsome devil, isn't it. You did will with it, Larry.

73, Lou

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https://www.avast.com/antivirus

12806. eBay Super Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-26 16:18:17 UTC
From: Louis Vermond
Topic: 5931 Message: 12806

http://www.ebay.com/itm/Vintage-General-Electric-UV-203-Tube-Vintage-pin-base-socket-Transmitting-Ham-/281946380021?

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https://www.avast.com/antivirus

12807. Another eBay Supper Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-26 16:21:10 UTC
From: Louis Vermond
Topic: 12807 Message: 12807

http://www.ebay.com/itm/Vintage-RCA-Radiotron-UX-860-Tube-Tetrode-w-4-pin-base-socket-Transmitting-Ham-/272146417713?

That's a ca. 1921 socket.

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https://www.avast.com/antivirus

12808. Re: Another eBay Supper Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-26 16:45:27 UTC
From: mattgoff54@...
Topic: 12807 Message: 12808

That 203 is very tempting. I really may not be eating. Love the pip top 203's and 211's. Anyone know when the "50 watters" got rid of it? My sylvania 203 looks nothing like that, has the thick black plate. I would guess maybe a late 30's version.

Matt KC8ZQS

12809. Re: Another eBay Supper Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-26 17:39:54 UTC
From: w0vlz@...
Topic: 12807 Message: 12809
Attachments: 2 described; binary payloads are missing from this source WARC

Then there's this QST cover pair from jan/Feb 1931. It looks like the big rig, besides catching cobwebs while the OM had QSOs, lost a meter and a capacitor to the Hartley.

73,
Niel - W0VLZ

12810. Update from Rochester...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-26 19:11:22 UTC
From: dfaklis@...
Topic: 12810 Message: 12810
Attachments: 3 described; binary payloads are missing from this source WARC

Just so you don't think we're asleep up here...

K0SM and I have partially-completed power supplies and my #27 tubes arrived at the PO today. Andy's supply is old school and I opted for a regulated HV design drawn by W3NLB and N6GA (<300vdc, <100ma; CQ Magazine online, June 2011). Cam is very kind and has sent me his HV supply that will power a tube rig here. Andy has already built his #27 oscillator and I'm waiting for the price of copper to decline :)

And check out the wooden beehive insulator, that might see some use.

If it's not OK to attach pictures, please let me know and I apologize in advance.

73, Dean, NW2K

12811. Re: Update from Rochester...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-26 19:31:54 UTC
From: dulmagedon@...
Topic: 12810 Message: 12811

I am waiting across the lake. due north. When you put fire to it be sure to let me know. BTW, 211s from my Supplier are $74.95 brand new in US funds. I sorted the 211 Hartley out last night before bed time. So I am sitting here with two cannons . 211 Hartley, 211 TNT waiting for an excuse.
donVe3LYX

12812. RE: [AWA Group] Update from Rochester... [3 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-26 21:32:37 UTC
From: Edward Gable
Topic: 12810 Message: 12812

Wow, way cool beehive insulator !! /Ed k2mp

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, February 26, 2016 2:11 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Update from Rochester... [3 Attachments]

Just so you don't think we're asleep up here...

K0SM and I have partially-completed power supplies and my #27 tubes arrived at the PO today. Andy's supply is old school and I opted for a regulated HV design drawn by W3NLB and N6GA (<300vdc, <100ma; CQ Magazine online, June 2011). Cam is very kind and has sent me his HV supply that will power a tube rig here. Andy has already built his #27 oscillator and I'm waiting for the price of copper to decline :)

And check out the wooden beehive insulator, that might see some use.

If it's not OK to attach pictures, please let me know and I apologize in advance.

73, Dean, NW2K

12813. Re: Another eBay Supper Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-27 00:09:39 UTC
From: mattgoff54@...
Topic: 12807 Message: 12813

I never noticed that...but then again I dont have january here.

Regarding that ebay 203a, the glass looks a little dark. Is that any indication of life remaining?

12814. REL Cat. No. 215 Ten Watt Hartley Kit

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-27 02:57:10 UTC
From: Louis Vermond
Topic: 12814 Message: 12814
Attachments: 2 described; binary payloads are missing from this source WARC

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12815. Tuning drive reduction

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-27 16:47:26 UTC
From: dulmagedon@...
Topic: 12815 Message: 12815
Attachments: 3 described; binary payloads are missing from this source WARC

Tuning can be a bit tricky on these old transmitters. Lou showed me a photo and I noticed he was using a grommet beside the dial for an easy reduction. I tried it on my first TNT and it worked nicely so I took it to the next step. This week I installed it on the 211 TNT I just built (AKA Louis II TnT, since his 203 experiment inspired it.) One needs only a nylon spacer 1 inch long (or anything similar) and 1/4 inch diameter. A 1 1/2 " long #6 screw and a nut. A grommet that fits on the 1/4 spacer snugly and a knob (1/4 " hole with set screw.)
You also need a wide disc on the tuning cap like the old numbered bakelite ones or anything similar. Place the grommet on the spacer. Take a drill that is one size below the #6 screw and with it in the drill hold the grommet snug to the disc (disc in the groove and drill the hole in the bracket or panel. Put the # 6 screw in the drill and spin it against a file or coarse sandpaper till the outside of the screw head is slightly reduced. this stops it from dragging inside the knob later. with the grommet in the groove screw the # 6 screw in the hole. It will cut a nice thread on the way that will not be loose like if a tap was used but "neizen-teit". If you wish put a nut on the back . Slide the chosen knob over the screw head onto the 1/4 inch spacer bushing and tighten the set screw (not too tight , just enough to grip. You know have a very smooth working tuning cap drive reductions that if you choose your knob right looks period correct and will work very well. It is now my goto method. don VE3LYX. Cost very little $ works very well.
donVE3LYX

12816. eBay Alert Made for each other....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-02-27 17:43:53 UTC
From: Louis Vermond
Topic: 12816 Message: 12816

http://www.ebay.com/itm/2-1920s-GENERAL-ELECTRIC-RCA-UR-542-4-PIN-TUBE-SOCKETS-f-01A-TUBES-ETC-/262307223563?

http://www.ebay.com/itm/WESTINGHOUSE-JAN-CWL-860-VT-17-TUBE-f-HAM-RADIO-TRANSMITTER-/262302981790?hash=item3d1279de9e:g:b10AAOSwKtVWy3xJ

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12817. Quartz etc

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-01 02:40:40 UTC
From: dulmagedon@...
Topic: 12817 Message: 12817
Attachments: 1 described; binary payloads are missing from this source WARC

As discussed earlier I was going to try and make a functioning crystal. I asked my brother if he would try cutting the quartz on his diamond tile saw. he stopped by today and picked it up We discussed where the natural fault in the stone appeared to be and he got me a couple of workable pieces. This is of the thicker one. I will do a test run with the thinner one. I know I have to have the shape right of they dont start well so i am working at getting the piece to that shape , starting with the rough cut slab and slowly wearing it down on carborundum paper to get the shape right before I start grinding it for thickness and freq. Today I was calling CQ on the 211 TnT (7070kcs) and then rubbing on it for a minute in between. It is going to take a lot of minutes but I am going to try it. I also have to make a holder with a contact on each side. Meanwhile I finished the 80M vertical today. I am now happy with it all as is. If it doesn't blow down in the terrible wind we have right now I will be using it with the BE rig (3542) and the TS830S Kenwood on SSB. donVe3LYX

12818. Re: Quartz etc

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-01 03:26:49 UTC
From: mattgoff54@...
Topic: 12817 Message: 12818

I'm interested to see how this goes. I was thinking about doing an early crystal setup as well, although I really dont think I would be cutting quartz. But maybe someday..

I got the Super Wasp today. Looks very good. Only one set of coils and they look like the broadcast range. Now I just need to gather a lot of batteries...

Matt KC8ZQS

12819. RE: [AWA Group] Quartz etc [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-01 11:30:03 UTC
From: Steve Flood
Topic: 12817 Message: 12819

>where the natural fault in the stone appeared to be

Macrocrystalline quartz (the familiar ‘quartz crystal’) does not exhibit cleavage planes. It fractures irregularly. Other varieties such as agate or flint will fracture conchoidally.

From what I understand, selected quartz crystals are cut on a particular crystallographic axis and then ground and polished to the thickness where the desired piezoelectric behavior occurs.

Steve, KK7UV (life-long mineral collector and rockhound)

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12820. via QSL Card collectors Group

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-01 11:59:00 UTC
From: Louis Vermond
Topic: 12820 Message: 12820
Attachments: 1 described; binary payloads are missing from this source WARC

https://uk.groups.yahoo.com/neo/groups/qslcardcollectors/attachments/1030747309?itemid=1110684031

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https://www.avast.com/antivirus

12821. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-01 12:09:38 UTC
From: Louis Vermond
Topic: 130 Message: 12821

http://www.ebay.com/itm/National-Plug-in-Short-Wave-Radio-Receiving-Coils-for-SW-3-7-7-3-MHz-/311556775303?

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https://www.avast.com/antivirus

12822. RE: [AWA Group] Quartz etc

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-01 13:06:14 UTC
From: Don Dulmage
Topic: 12817 Message: 12822

A couple of new words there. Anyway, please understand I do not think I am building a perfect device. I am trying to see if I can make a functioning crystal. Period. The Crystal is a piece of Rose Quartz which came from the Danube (Donau) Valley in Austria. We got it there ourselves und hierbrungen. It may be all wrong and a total waste of time HOWEVER in my lifetime I have learned to try everything I think of. I am more then willing to put in the time and effort even if it turns out to be for nothing. I always learn something in the process. The number of times some of these experiments have turned out to be successful or led to success is even to me surprising. I have heard my XYL tell people"Don't tell him it won"t work. That is just like waving a red flag in front of a bull." That was in the field of Race engine development and we were able to achieve power levels with seemingly nothing using science and math and careful machine work that are still valid and surprising even today. Evey step of the way in a couple of projects someone was suggesting that won't work or of it was that easy someone would have already done it. I am sorry but I am deaf to that. If this doesn't work you can all have a good HA, HA at my expense. Failure I am not afraid of. Not trying is what I am afraid of. So we will see. It will take quite awhile to make it. I know. When re-efinishing old crystals to move them up into the 40 meter band took me several days of rubbing and testing for each one. This will be a lot more work then that. I will just poke away at it in the shack while I am "reading the mail" The biggest trick it not to get in a rush. I make my own violins for playing in public and abit of studio work. It takes about a year. Not particularily difficult but no way to hurry it up. There is something interesting about that. I just grinned now. I was thinking how n expert (that is always someone who has never made one) told me I couldn't just make a violin out of normal wood. It have to be spruce cut from the Swiss Alps on the north side in temperatures below -3C and the bottom must be Bosnian maple or something hand sawn in midsummer at night. Then he asked me where did I get the wood for mine. I told him Home Depot and he almost passed out. The wood for the last one I cut from my farm myself. So I am no stranger to doing it all wrong. Anyway we will see what happens. Probably nothing BUT what if it works?!!!!!!!! I find this sort of thing incredibly interesting.
donVe3LYX (still crazy after all these years)

On Tue, 3/1/16, 'Steve Flood' kk7uv@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: RE: [AWA Group] Quartz etc
To: AWAGroup@yahoogroups.com
Received: Tuesday, March 1, 2016, 6:30 AM

>where the natural fault in
the stone appeared to be Macrocrystalline quartz (the familiar ‘quartz
crystal’) does not exhibit cleavage planes. It fractures
irregularly. Other varieties such as agate or flint will
fracture conchoidally.From what I
understand, selected quartz crystals are cut on a particular
crystallographic axis and then ground and polished to the
thickness where the desired piezoelectric behavior
occurs.Steve, KK7UV (life-long mineral collector and

rockhound)

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12823. RE: [AWA Group] Quartz etc

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-01 14:02:48 UTC
From: Mike Feher
Topic: 12817 Message: 12823

Don –

You are of course welcome to go down any path that you like to attempt to solve a solution to a given problem, however, when someone offers help, I still feel you should at least thank them even if you are not going to listen to them. Using the “Edison” method of engineering is fine, if you are Edison with infinite funds. Us normal humans however like to rely and tried and proven methods that can be demonstrated physically and proven analytically. As far as violins, I am sure they do not all need to be a Stradivarius, and you have demonstrated that to some, the other extreme sounds acceptable as well. As Einstein said “if we knew what we were doing we would not call it research”. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, March 01, 2016 8:06 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Quartz etc

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To: AWAGroup@yahoogroups.com
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the stone appeared to be Macrocrystalline quartz (the familiar ‘quartz
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understand, selected quartz crystals are cut on a particular
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thickness where the desired piezoelectric behavior
occurs.Steve, KK7UV (life-long mineral collector and
rockhound)

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12824. Re: [AWA Group] Quartz etc

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-01 14:13:33 UTC
From: Louis Vermond
Topic: 12817 Message: 12824

GM

Don, There are several lengthy Mid-'20s QST articles dealing with making xtals. Start with them...

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12825. Paper on valves/tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-01 15:49:20 UTC
From: Louis Vermond
Topic: 12825 Message: 12825

http://eddystoneusergroup.org.uk/Restoration%20projects/Valve%20Types%20and%20Characteristics%20With%20Appendix.pdf

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12826. Re: Quartz etc

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-01 18:25:12 UTC
From: w0vlz@...
Topic: 12817 Message: 12826

Here's a good WWII video showing the whole process: Crystals Go to War : Reeves Sound Laboratories : Free Download & Streaming : Internet Archive
https://archive.org/details/6101_Crystals_Go_to_War_01_20_16_21

https://archive.org/details/6101_Crystals_Go_to_War_01_20_16_21

Crystals Go to War : Reeves Sound Laboratories : Free ...
https://archive.org/details/6101_Crystals_Go_to_War_01_20_16_21 A story in pictures of the preparation and manufacture of quartz crystals for radio communication.

View on archive.org https://archive.org/details/6101_Crystals_Go_to_War_01_20_16_21
Preview by Yahoo

73, Niel - W0VLZ

12827. Re: [AWA Group] Quartz etc

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-01 20:32:54 UTC
From: w0vlz@...
Topic: 12817 Message: 12827

November 1925 QST has an article with cutting and mounting instructions.

Niel

12828. Quartz

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-01 20:53:19 UTC
From: dulmagedon@...
Topic: 12828 Message: 12828

Thank you everyone who has offered references and suggestions. I will check them out. I am close to have a grinding blank made. Freq I dont worry about too much because my test osc is a chip oscillator and will run at what the crystal is without setting it.All I need is a rx that will tune to it. Once I get the blank to ready for grinding I am into familiar territory. It is interesting , my brother Dan told me when he was cutting it on his diamond saw even though it is rose colored the whole thing glowed bright blue/white. That gives me hope anyway. We shall see.
don
Also Neil, Thanks for the tips on the tent pole vertical. It is now completely finished and working and survived a fierce windstorm last night unscathed. .

12829. Re: [AWA Group] Quartz

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-01 22:38:14 UTC
From: Louis Vermond
Topic: 12828 Message: 12829

Are you taking orders, Don?

Thank you everyone who has offered references and suggestions. I will check them out. I am close to have a grinding blank made. Freq I dont worry about too much because my test osc is a chip oscillator and will run at what the crystal is without setting it.All I need is a rx that will tune to it. Once I get the blank to ready for grinding I am into familiar territory. It is interesting , my brother Dan told me when he was cutting it on his diamond saw even though it is rose colored the whole thing glowed bright blue/white. That gives me hope anyway. We shall see.
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12830. Re: [AWA Group] Quartz

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-02 02:45:26 UTC
From: dulmagedon@...
Topic: 12828 Message: 12830

No but I can tell anyone who wonders moving old crystals up in freq so they can be used is not that hard. It is just a lot of work. With this one, cut from the stone , the big trouble is getting the blank parallel with its self. Or unifirm thickness. I have set it aside while I come up with a plan for that however I did clip it in the test osc just before supper . It uses tiny gator clips so I put a small pad of paper on one side of each clip so I could make contact on one side but not the other. so with a paper on opposite side of the blank I could put it in the osc circuit. Something is definately happen as RF was being generated and could be heard distinctly on my grundig sitting nearby and tuned about 5.2 meg (Loudest) but it was dirty RF. and not a clean clear freq. I was not surprised because the thickness is not uniform. I was however more then just a little surprised that the oscillator fired up.
My whole premise was I wondered out loud to the XYL if a early ham could have found a chunk of quartz and made a Crystal. She gave me the Austrian crystal telling me to take a slice and try if I wanted. I wanted. There is something about exploring the early days that is very interesting. I gotta think my way through the next step. Gonna read some of the stuff you guys linked me too. I need to make a holder so I can true the blank.
don

12831. 25 QST piece

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-02 12:39:50 UTC
From: dulmagedon@...
Topic: 12831 Message: 12831

I read the entire piece that Niel showed me. there is a note there that says imperfections in the crystal may cause all sorts of weird frequencies. That may be where I am at although I will see it through. This is why they used the Quartz Steve recommended I guess. I was curious could it be done with any quart a man could find. Probably not. But there is enough maybe to stir my curioisty. What really got my attention is the notes about self rectification of transmitters and oscillators. I have read a bit about them even into the 1930s QST about ARRL Lab tests which said properly done they were just fine. This article mentioned they can present an almost Pure DC note. Has anyone built one? If I understood the article corectly the finl one the show is a pair of 210s driving a pair of 203s and not a rectifier or filter cap in site. I kinda understand how it works and pse dont nobody say raw ac on the signal, It says and I have read it elsewhere nearly a pure DC note which as many know is not easy to do even with accepted designs straight out of the Handbooks. I don't have any 210 tubes but I do have some 45s the poor boys 210. Anyway was a wonderful read.
donVe3LYX

12832. RE: [AWA Group] 25 QST piece

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-02 13:30:58 UTC
From: Mike Feher
Topic: 12831 Message: 12832

Don –

Just be careful. You may get the circuit to oscillate and it will have nothing to do with your cut crystal, just due to the capacitive effects between the contacts. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, March 02, 2016 7:40 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] 25 QST piece

I read the entire piece that Niel showed me. there is a note there that says imperfections in the crystal may cause all sorts of weird frequencies. That may be where I am at although I will see it through. This is why they used the Quartz Steve recommended I guess. I was curious could it be done with any quart a man could find. Probably not. But there is enough maybe to stir my curioisty. What really got my attention is the notes about self rectification of transmitters and oscillators. I have read a bit about them even into the 1930s QST about ARRL Lab tests which said properly done they were just fine. This article mentioned they can present an almost Pure DC note. Has anyone built one? If I understood the article corectly the finl one the show is a pair of 210s driving a pair of 203s and not a rectifier or filter cap in site. I kinda understand how it works and pse dont nobody say raw ac on the signal, It says and I have read it elsewhere nearly a pure DC note which as many know is not easy to do even with accepted designs straight out of the Handbooks. I don't have any 210 tubes but I do have some 45s the poor boys 210. Anyway was a wonderful read.
donVe3LYX

12833. RE: [AWA Group] 25 QST piece

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-02 13:56:22 UTC
From: Don Dulmage
Topic: 12831 Message: 12833

That is possible for sure. I did try it with just the contacts and no crystal and there was just a click and little else when I pushed the button but it is also possible there is some conductivity in the rock that is just completing the circuit as the clips would still be in the same position. I was quite frankly surprised it went off and was as strong as it was but allow for false stuff to mislead me. It was kind of a half hearted test just before dinner which I really didn't expect to yield any results but did it just for fun.
I built the chip oscillator several ears ago for spotting crystals to my no digital readout receivers so I can be bang on instead of somewhere nearby. It works pretty good for that and cost only a few cents at the time. I see I still have a bunch of 7400s in my IC drawer. I must have got a deal. The aluminum face plate of the project box is the radiator or ariel so you have to be close when spotting.

BTW testing today on 7070 when it is open with the 211 tNt should anyone have a set of "ears". Quarter past each hour I am home.
donVe3LYX

On Wed, 3/2/16, 'Mike Feher' n4fs@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: RE: [AWA Group] 25 QST piece
To: AWAGroup@yahoogroups.com
Received: Wednesday, March 2, 2016, 8:30 AM

Don – Just be careful. You
may get the circuit to oscillate and it will have nothing to
do with your cut crystal, just due to the capacitive effects
between the contacts. 73 – Mike
Mike B. Feher,
N4FS89 Arnold
Blvd.Howell, NJ,
07731732-886-5960

From: AWAGroup@yahoogroups.com
[mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, March 02, 2016 7:40
AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] 25 QST
piece I read the entire piece that
Niel showed me. there is a note there that says
imperfections in the crystal may cause all sorts of weird
frequencies. That may be where I am at although I will see
it through. This is why they used the Quartz Steve
recommended I guess. I was curious could it be done with any
quart a man could find. Probably not. But there is enough
maybe to stir my curioisty. What really got my attention is
the notes about self rectification of transmitters and

oscillators. I have read a bit about them even into the 1930s QST about ARRL Lab tests which said properly done they were just fine. This article mentioned they can present an almost Pure DC note. Has anyone built one? If I understood the article corectly the finl one the show is a pair of 210s driving a pair of 203s and not a rectifier or filter cap in site. I kinda understand how it works and pse dont nobody say raw ac on the signal, It says and I have read it elsewhere nearly a pure DC note which as many know is not easy to do even with accepted designs straight out of the Handbooks. I don't have any 210 tubes but I do have some 45s the poor boys 210. Anyway was a wonderful read. donVe3LYX

12834. Re: [AWA Group] 25 QST piece

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-02 14:23:27 UTC
From: Larry Szendrei
Topic: 12831 Message: 12834

On 3/2/16 8:56 AM, Don Dulmage dulmagedon@... [AWAGroup] wrote:
>
> That is possible for sure. I did try it with just the contacts and no
> crystal and there was just a click and little else when I pushed the
> button but it is also possible there is some conductivity in the rock
> that is just completing the circuit as the clips would still be in the
> same position.
>

I was going to suggest this test, as I really suspected it was the osc.
cicuit taking off on its own with no influence from the hunk o' quartz.
Guess I was wrong (maybe).

BTW, quartz xtal holders depend on capacitive coupling to the xtal -
that's why you always see copper or steel plates on each side of the
xtals. On more modern xtals you have conductive layers that are plated
or vapor-deposited onto each side of the xtal, and the leads make
contact to those layers. It's still capacitive coupling. There's no way
to make an ohminc contact to a quartz xtal, since quartz is an
insulator. I'm not seeing how you would get sufficient capacitive
coupling from the typical alligator or crocodile clips. Maybe your clips
are a different style?
>
> I built the chip oscillator several ears ago for spotting crystals to
> my no digital readout receivers so I can be bang on instead of
> somewhere nearby. It works pretty good for that and cost only a few
> cents at the time. I see I still have a bunch of 7400s in my IC
> drawer. I must have got a deal. The aluminum face plate of the project
> box is the radiator or ariel so you have to be close when spotting.
>

You can also use a 7404 inverter chip or a host of other logic chips. I
think what you're referring to is a ring oscillator with the xtal in the
feedback bath/ring. If you eliminate the xtal and replace it with a
short circuit it will oscillate at the maximum switching frequency of
the devices. If you replace the xtal with a reactive element (capacitor
or inductor) it will probably oscillate at some frequency as well.

A Schottky (e.g. 74S00) or advanced CMOS (e.g. 74AC00) device will allow
the oscillator to oscillate at higher maximum frequencies than are
possible with the standard TTL devices like the 7400.

73,
-Larry/NE1S

12835. RE: [AWA Group] 25 QST piece

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-02 14:28:33 UTC
From: Mike Feher
Topic: 12831 Message: 12835

Remember, there are ceramic capacitors also. In a simple feedback oscillator using logic gates they can take off easily. Wonder if Don you can measure the capacitance of your crystal and contacts and then replace it with a same value capacitor. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, March 02, 2016 9:23 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] 25 QST piece

On 3/2/16 8:56 AM, Don Dulmage dulmagedon@... [AWAGroup] wrote:

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I was going to suggest this test, as I really suspected it was the osc. cicuit taking off on its own with no influence from the hunk o' quartz. Guess I was wrong (maybe).

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A Schottky (e.g. 74S00) or advanced CMOS (e.g. 74AC00) device will allow the oscillator to oscillate at higher maximum frequencies than are possible with the standard TTL devices like the 7400.

73,
-Larry/NE1S

12836. RE: [AWA Group] 25 QST piece

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-02 17:13:59 UTC
From: dulmagedon@...
Topic: 12831 Message: 12836

no I dont have a capacitance meter. (it puked) Doesnt really matter . Until the crystal can determine a freq it is just a rock even if somewhat conductive. It just surprised me as I was prepared for nothing. I guess I do know the chip osc will not make Rf with a dud crystal as tat is how I tested them when grinding the first ones I moved. As well as grinding the thickness you have to dress the edge if you remove much or they wont start at that low a power. Anyway i set t aside fornow as have been hard at work trying to improve my TNT 211 rig. It is getting better but hard to tell when you are in the same shack. Next test 7070 in 3 minutes.
don

12837. RE: [AWA Group] Re: Quartz etc

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-03 00:40:34 UTC
From: Steve Flood
Topic: 12817 Message: 12837

Niel - Thanks for the link to that terrific crystal video!

-Steve KK7UV

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12838. RE: [AWA Group] Re: Quartz etc

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-03 02:33:27 UTC
From: w0vlz@...
Topic: 12817 Message: 12838

Yeap. I never realized how much went into all of those postage stamp size pieces of quartz. I wonder how many were produced for WWII and Korean War radios.

Niel

> Niel – Thanks for the link to that terrific crystal video!

> -Steve KK7UV

12839. RE: [AWA Group] 25 QST piece

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-03 11:50:33 UTC
From: dulmagedon@...
Topic: 12831 Message: 12839
Attachments: 2 described; binary payloads are missing from this source WARC

So I am curious, Do the test oscillators you fellows built run with no crystal in them. Is that what you are telling me? I know mine won't run with a dud crystal from when I was teaching myself to regrind them. If the ones you guys built do perhaps it is a slightly different circuit. Whatever.
Anyway I worked on the rock a lot yesterday while testing my 211 TNT on air. Here is an example of what I started with and where I have gotten so far. I hope by next week I can start the final rub to finish.
Over in the corner are my two monster rigs the 211 Hartley near the wall and the new 211 TNT closer to the camera. I have been testing the TNT on air quarter past on 7070 every hour I am in the house(and awake). Have to play at a funeral today so will be on a reduced schedule til late afternoon. Need a sig report from the rig . The TNt does not have the same power out as the hartley. I am mulling that over to figure out why but I think it is not bad sound wise but really don't know.
donVe3LYX

12840. EBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-03 13:54:44 UTC
From: Louis Vermond
Topic: 10795 Message: 12840
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/100Pcs-CMC-4PIN-Bakelite-Tube-Socket-Silver-Plated-for-300B-T-2A3-300B-VT52-5Z3-/262317282892?

http://www.ebay.com/itm/Ameco-Model-AC-1-Aerotron-Transmitter-Vintage-Rare-/131741986585?

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https://www.avast.com/antivirus

12841. Chassis / Panels built to order

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-03 18:29:44 UTC
From: Louis Vermond
Topic: 12841 Message: 12841

http://www.ebay.co.uk/sch/ham-sun/m.html?item=311554037032&hash=item488a115528%3Ag%3AuswAAOSwu4BVp6Sh&rt=nc&_trksid=p2047675.l2562

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12842. Vintage style QSL's

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-04 16:23:28 UTC
From: mattgoff54@...
Topic: 12842 Message: 12842

Anyone have a line on a good old time QSL printer? Or someone who comes close? I used to make them on the computer but digital just doesnt look right. I thought about having a stamp made and doing the stamp and typewriter thing, as I have a few Underwoods in good order here. But having some nice ones printed would probably be best.

Matt KC8ZQS

12843. Re: [AWA Group] Vintage style QSL's

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-05 02:58:07 UTC
From: Steve
Topic: 12842 Message: 12843

I have information on my website here Matt:

http://members.shaw.ca/ve7sl/vintage.html

Steve 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

12844. New 211 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-05 13:23:20 UTC
From: dulmagedon@...
Topic: 12844 Message: 12844

I have gotten the 211 TNT working fairly decent. At least as near as I can tell in here. Input is about 45 watts. Output I have no idea. In shack radiation on he FS meter shows nothing but the rig can be heard several miles away so I know it is getting out. I have been testing it on 7070 between the top of the hour and 1/4 past when home. (next9 am)Thought I heard Paul in there once too but maybe it was just wishful thinking. (A test signal an ID, then gone) Hard to get a good reading on a single wire feed . I tried a light in the line but got nothing indicated so I am not sure. Will do further testing this morning. maybe compare it to the 211 Hartley. It has higher input from the same PSU so one would hope output would be similar. Still until you actually work someone you just don't really know. It lights the sniffer so strong I thought it might blow and the ant out coil is in that same spot. So it is making RF but is it doing anything?
donVE3LYX
(still grinding away)

12845. Re: [AWA Group] New 211 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-05 15:02:44 UTC
From: Doug Forbes
Topic: 12844 Message: 12845

I'm listening for you right now Don.

--
Doug Forbes WA6VYN

On 3/5/2016 5:23 AM, dulmagedon@... [AWAGroup] wrote:
>
>
> I have gotten the 211 TNT working fairly decent. At least as near as I
> can tell in here. Input is about 45 watts. Output I have no idea. In
> shack radiation on he FS meter shows nothing but the rig can be heard
> several miles away so I know it is getting out. I have been testing it
> on 7070 between the top of the hour and 1/4 past when home. (next9
> am)Thought I heard Paul in there once too but maybe it was just
> wishful thinking. (A test signal an ID, then gone) Hard to get a good
> reading on a single wire feed . I tried a light in the line but got
> nothing indicated so I am not sure. Will do further testing this
> morning. maybe compare it to the 211 Hartley. It has higher input from
> the same PSU so one would hope output would be similar. Still until
> you actually work someone you just don't really know. It lights the
> sniffer so strong I thought it might blow and the ant out coil is in
> that same spot. So it is making RF but is it doing anything?
> donVE3LYX
> (still grinding away)
> < p>
>
>
>

12846. Re: [AWA Group] New 211 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-05 15:36:58 UTC
From: dulmagedon@...
Topic: 12844 Message: 12846

Thank you Doug, It helps so much if someone listens. It saves days of posts and testing. I tested as wwas at 9 am then did a sweep with the sniffer and wound up moving the grid coil higher it was peaked in band but just. Antenna current bulb now lights and note is much cleaner. AND I got a hit thanks to VE2CW. Gotta check him out as he signed with a typical German expression tacked on after his 73. So we're good. It werks! T'would be a long haul to you but stranger things have happened. Any copy at all?

don Ve3LYX

12847. Re: [AWA Group] New 211 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-05 15:44:31 UTC
From: Doug Forbes
Topic: 12844 Message: 12847

Nothing yet but still monitoring 7070

--
Doug

On 3/5/2016 7:36 AM, dulmagedon@... [AWAGroup] wrote:
>
>
> Thank you Doug, It helps so much if someone listens. It saves days of
> posts and testing. I tested as wwas at 9 am then did a sweep with the
> sniffer and wound up moving the grid coil higher it was peaked in band
> but just. Antenna current bulb now lights and note is much cleaner.
> AND I got a hit thanks to VE2CW. Gotta check him out as he signed with
> a typical German expression tacked on after his 73. So we're good. It
> werks! T'would be a long haul to you but stranger things have
> happened. Any copy at all?
>
> don Ve3LYX
>
>

12848. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-05 17:33:50 UTC
From: Louis Vermond
Topic: 130 Message: 12848

http://www.ebay.com/itm/4-Lot-THORDARSON-TRANSMITTER-TRANSFORMER-CATALOGS-VACUUM-TUBE-Amplifier-Radio-/262312076532?hash=item3d1304a4f4:g:XnEAAOSwUuFW03sC

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12849. Re: [AWA Group] New 211 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-05 20:48:31 UTC
From: dulmagedon@...
Topic: 12844 Message: 12849

Heard from the VE2. Said he liked the sound and wants another. I am going to have to dust off my French. I havent spoken any since 2005. I had to scratch my heard when emailing him. I ought to be ashamed of that. He is Ok in English but not comfy. I should be able to talk to him en Francais so it will be easier for him since he was kind enough to step into my world to help me out. I used to be Ok in it when younger. Never great but OK. Felt like n idiot when I couldn't remember the words.
This afternoon I am going to try a test on 7045 (up 5 if busy) to see how it operates on the lower side of its sweet spot. (grid coil natural freq) Shooting for 4PM and then 6 PM.
donVe3LYx

12850. Re: [AWA Group] New 211 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-06 02:02:29 UTC
From: dulmagedon@...
Topic: 12844 Message: 12850

The rig is doing ok now. Getting regular replys. I will run it for the rest of the weekend just for the fun of it I think then put it up till the next event. Wait! Isnt there one next week? Wed and Sat?
BTW Blank is finished. Final grind next. Seemed to take forever.

12851. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-06 02:07:55 UTC
From: Louis Vermond
Topic: 130 Message: 12851

http://www.ebay.com/itm/National-Plug-In-Inductors-Lot-Of-2-/231862490253?hash=item35fc14d48d:g:mogAAOSwPc9W1eJo

FB-7 40 & 20 Mtrs , RF Coils

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12852. I0SKK -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-06 12:29:50 UTC
From: Mike Feher
Topic: 12852 Message: 12852

Please welcome I0SKK to the group. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

12853. Re: [AWA Group] I0SKK -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-06 12:39:51 UTC
From: Louis Vermond
Topic: 12852 Message: 12853

Benvenuti Alessandro

73, Lou VE3AWA

http://i5skk.altervista.org/

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https://www.avast.com/antivirus

12854. Re: [AWA Group] I0SKK -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-06 14:39:27 UTC
From: i5skk.qrp@...
Topic: 12852 Message: 12854

Hallo Lou, and all peoples in the group!

Thanks so much for accepting my request and proud to be between you.

I'm a licensed Ham since 1973 (end of) and begun my Ham life with tubes but at that time I was quite ignorant about Electronicas and bias and desing, etc...and so I copied schematics and anyway was able to be on the air with my Geloso G4/220 general coverage RX and Geloso VFO 4/102 2 W out and later added an 807 in order to get more QSO and...DX...hi

But the timers lead me to solid state equipments and also to an Electronic and Telecomm University degree and some diferent jobs in the field (TLC antenna, sat antennas, radars and so on). Late I left companies world and went to High school and become a teacher in Electornic and Automation, but...since 2013 I moved from Rome to a rural very little village in Central NW of Italy (mid mountain) and..went back to my roots...the TUBES...and wires antenna as it was since 1973.
Slowly I left also commercial RIG's and last, the FT817 was sold 5 months ago, so now I've just homemade and some RX I love as the are specials: an R&S EK07, a Siemens E311 and a Collins 51J4, and now I'm going to make a new homemade (made several solid state in past) all tube RX too, following the design idea of Collins receivers.

Now I'm curently using a single tube (6DQ6) TX (abt 12 W) crystal controlled, and I'm just arriving to use an old BC221 frequency meter/oscillator as a main VFO insteda the rock xtals I have now.

So this is my story for you.

Hope to meet you someday on the air, and to learn more reading your very nice and interesting post on the grou.

Wish to everyone a nice sunday and a pleasant evening.

Best 73 and regards

Alex I5SKK ex I0SKK

12855. RE: [AWA Group] I0SKK -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-06 14:50:01 UTC
From: Mike Feher
Topic: 12852 Message: 12855

Welcome to the group Alex. I think you will have a lot of fun here and learn more about real early tube radios. There are a lot of builders and great craftsmen on here. Have fun.
73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, March 06, 2016 9:39 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] I0SKK -

Hallo Lou, and all peoples in the group!
<https://s.yimg.com/ok/u/assets/img/emoticons/emo1.gif>

Thanks so much for accepting my request and proud to be between you.

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Wish to everyone a nice sunday and a pleasant evening.

Best 73 and regards

Alex I5SKK ex I0SKK

12856. Re: [AWA Group] New 211 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-06 15:15:05 UTC
From: Louis Vermond
Topic: 12844 Message: 12856

This afternoon I am going to try a test on 7045 (up 5 if busy) to see how it operates on the lower side of its sweet spot. (grid coil natural freq)
Which reminds me...

GM All,

In the one-tuber TNT article, Grammer wrote that the grid coil should be wound so that the lowest Ip is at or near the band portion of operation. In the P-P TNT article, he states that spot should be just beneath the lower band edge.

Why so?

73, Lou

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12857. Re: [AWA Group] I0SKK -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-06 16:04:58 UTC
From: Louis Vermond
Topic: 12852 Message: 12857

Now that was a self introduction! Grazie Alex... Lou

----- Original Message -----
From: i5skk.qrp@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-03-06 9:39 AM
Subject: Re: [AWA Group] I0SKK -

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Best 73 and regards

Alex I5SKK ex I0SKK

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https://www.avast.com/antivirus

12858. Re: [AWA Group] New 211 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-06 19:46:32 UTC
From: dulmagedon@...
Topic: 12844 Message: 12858

I don't know what his reason was as I don't have much of that literature and don't generally build from plans, but I know that ideally you wish to operate near the middle of the grid coils natural freq. That is where the most power is. You can test that with a RF sniffer bulb as Matt will also attest to. It is quite obvious. If you measure antenna current, which I do using a lamp bulb in series with my single feed wire to my long wire, you will see very plainly the relationship between grid coil's natural sweet spot and the power out. The further you are from the sweet spot the poorer the power output. Same as if you were running a TPTG(which I have) and the grid was tuned too far from the plate tank freq. I had the grid just to the end of 40M and even at 70 khz up power was down considerably. So I dug out my trusty in series ant lamp set up it confirmed it. It was bright right at the edge of the band 7004 or so. At 7070 nothing , no light (4 watt lamp bulb) even though it was producing RF. So I began step by step unwinding the grid coil. It is now brightest around 7050 and still strong at 7070 and even down to 7034 where I have been already.
Meters are often bothered by RF fields so when I need to know for sure I use lamps as they don't lie to me. Christmas tree bulbs are a great source. Whether I just didn't have anyone listening earlier which is very possible or what, I know that after moving the grid coil up to be centered where I like to operate I am getting a reply almost every time.
Now for my humbling moment. I am unable to get a usable signal from the homemade quartz crystal. So I will take my medicine like a man. I am sorry I was wrong. ;<(
Twas very interesting though. At least to me.
donVe3LYX

12859. RE: [AWA Group] New 211 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-06 22:27:33 UTC
From: Steve Flood
Topic: 12844 Message: 12859

>>I am unable to get a usable signal from the homemade quartz crystal.

So you did get some signal, it was just unusable? What criteria do you have for a usable/unusable signal? If you thought it was unusable, how much signal did you have?

Steve, KK7UV

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https://www.avast.com/antivirus

12860. eBay Alert Ending soon

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-06 22:28:47 UTC
From: Louis Vermond
Topic: 12860 Message: 12860

http://www.ebay.com/itm/Homebrew-3-tube-Regenerative-Radio-with-coils-/131739563149?hash=item1eac4a348d:g:7BoAAOSwx-9W1Em-

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This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12861. RE: [AWA Group] New 211 TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-06 22:55:15 UTC
From: dulmagedon@...
Topic: 12844 Message: 12861

Signal is strong , just no real definition. Centered near 7200 but spread overmuch of the dial. Probably would make a good noise bridge or something. Since all the rock in my Dx60B reground myself and several of you have talked to me or heard me on it I know this one is no good. The crystal is not clean . I can see a defect in it however it was as I said fun to try. What if it had worked?
Meanwhile had the TNT on again. I am getting a hit everytime now. Last report was S8 no chirp and freq stable.
A little cloud in with some success is ok by me.
donVe3LYX

12862. Wait a dang minute!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-07 15:19:43 UTC
From: dulmagedon@...
Topic: 12862 Message: 12862

I had clipped my quartz in the testor and as a lost ditch effort before trashing it I made a plywood hokder with a spring clip. playing with the tension a bit I tred it. I could hear it was working but very faint. Tuned across the SW1 band of my Grindig crank radio and found it.just under 5 mcs. Very difinate (otuching it changes the freq or kills it). Not wonderful but definately there. If the light improves I may make a You tube videio and pop it up there. The XYL is thrilled that her rock now "talks"as she put it. It makes the radio squeal if real close. Tisn't too strong but very definate. I am havng an off day
so i will just set it aside till I feel human again but anyway. Can you find a quartz rock and make a crystal that works. Apparently yes. If you were a rock hound like Steve and knew what to look for in a core I think it could be done with even more success. Me at the moment I am worn out.

don

12863. Re: [AWA Group] Wait a dang minute!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-07 16:58:49 UTC
From: Ron Barlow
Topic: 12862 Message: 12863

Hi Don, What circuit design are you using? If you can add some additional feedback, you may be able to convince the xtal to oscillate more vigorously. This technique works fb, when attempting to convince non-overtone rocks, to oscillate at overtone freqs---3rd, 5th, 7th, and perhaps even higher order overtones. The feedback level becomes very critical at the higher order overtones. The xtal will no longer control the oscillation freq, if the feedback is excessive, and too little feedback results in no oscillation at all (near or at the selected overtone freq.) The same info applies to fundamental operation, with xtals that suffer from low activity issues. GL & 73 de ron n4gjv

On Monday, March 7, 2016 10:19 AM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

I had clipped my quartz in the testor and as a lost ditch effort before trashing it I made a plywood hokder with a spring clip. playing with the tension a bit I tred it. I could hear it was working but very faint. Tuned across the SW1 band of my Grindig crank radio and found it.just under 5 mcs. Very difinate (otuching it changes the freq or kills it). Not wonderful but definately there. If the light improves I may make a You tube videio and pop it up there. The XYL is thrilled that her rock now "talks"as she put it. It makes the radio squeal if real close. Tisn't too strong but very definate. I am havng an off day so i will just set it aside till I feel human again but anyway. Can you find a quartz rock and make a crystal that works. Apparently yes. If you were a rock hound like Steve and knew what to look for in a core I think it could be done with even more success. Me at the moment I am worn out.
don

12864. Re: [AWA Group] I0SKK -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-07 17:05:27 UTC
From: Ron Barlow
Topic: 12852 Message: 12864

Hi Alex, Welcome to the group!! I will be looking forward to your future postings. Your first such posting was a gem! 73 de ron n4gjv

On Sunday, March 6, 2016 11:04 AM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

☐ Now that was a self introduction! Grazie Alex... Lou
----- Original Message ----- From: mailto:i5skk.qrp@...%20[AWAGroup] To: AWAGroup@yahoogroups.com Sent: 2016-03-06 9:39 AM Subject: Re: [AWA Group] I0SKK -
Hallo Lou, and all peoples in the group!

Thanks so much for accepting my request and proud to be between you.

I'm a licensed Ham since 1973 (end of) and begun my Ham life with tubes but at that time I was quite ignorant about Electronicas and bias and desing, etc...and so I copied schematics and anyway was able to be on the air with my Geloso G4/220 general coverage RX and Geloso VFO 4/102 2 W out and later added an 807 in order to get more QSO and...DX...hi

But the timers lead me to solid state equipments and also to an Electronic and Telecomm University degree and some diferent jobs in the field (TLC antenna, sat antennas, radars and so on). Late I left companies world and went to High school and become a teacher in Electornic and Automation, but...since 2013 I moved from Rome to a rural very little village in Central NW of Italy (mid mountain) and..went back to my roots...the TUBES...and wires antenna as it was since 1973.
Slowly I left also commercial RIG's and last, the FT817 was sold 5 months ago, so now I've just homemade and some RX I love as the are specials: an R&S EK07, a Siemens E311 and a Collins 51J4, and now I'm going to make a new homemade (made several solid state in past) all tube RX too, following the design idea of Collins receivers.

Now I'm curently using a single tube (6DQ6) TX (abt 12 W) crystal controlled, and I'm just arriving to use an old BC221 frequency meter/oscillator as a main VFO insteda the rock xtals I have now.

So this is my story for you.

Hope to meet you someday on the air, and to learn more reading your very nice and interesting post on the grou.

Wish to everyone a nice sunday and a pleasant evening.

Best 73 and regards

Alex I5SKK ex I0SKK

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www.avast.com |

12865. Re: [AWA Group] Wait a dang minute!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-07 17:14:55 UTC
From: Roger Kuchera
Topic: 12862 Message: 12865

GA Don, I am sure you know the fact that not all Quartz exhibits the Piezo effect. A good portion of the materialused during WW2 was "grown". My imperfect recall is that Brazilian Quartz was the original raw material.A small amount of Quartz from Arkansas exhibits the effect. I don't think much natural Quartz is used anymore. The original Piezo effect was noted by Pierre Curie (husband of Marie Curie and co-discoverer ofRadium).
  Might I suggest you remove the rock altogether and see if it still oscillates. If it only oscillates with theQuartz slab in the circuit, my hat is off to you. Good Show!
Roger/K1TG

On Monday, March 7, 2016 11:58 AM, "Ron Barlow imalowfer@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--

12866. Re: I0SKK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-07 17:29:36 UTC
From: JAMES HANLON
Topic: 12866 Message: 12866

Hello, Alex, and welcome to the group! I too have a Geloso 4/102 vfo. I am using it to drive my 1938 National NTX-30 transmitter. In that service it is running only on 80 meters, but it does a very good job. I key the vfo for break-in operation, and it has no chirp or click.

73,

Jim, W8KGI

12867. WTD: Meissner TRF Coils CA 1940 "14-7960"

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-07 22:16:52 UTC
From: Carl Nord
Topic: 12867 Message: 12867

Hi All,

Looking for 2 Meissner "14-7960" coils. They are in a small black wrinkle case. Willing to pay price and shipping

Thanks for any help- or leads.

Carl Nord

WA1KPD

12868. Re: Wait a dang minute!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-08 03:22:29 UTC
From: dulmagedon@...
Topic: 12862 Message: 12868

https://www.youtube.com/watch?v=0-U4G6RL3JE&feature=youtu.be
https://www.youtube.com/watch?v=0-U4G6RL3JE&feature=youtu.be
I have nothing to add.

12869. Re: [AWA Group] Re: Wait a dang minute!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-08 12:01:07 UTC
From: Larry Szendrei
Topic: 12862 Message: 12869

On 3/7/16 10:22 PM, dulmagedon@... [AWAGroup] wrote:
>
> https://www.youtube.com/watch?v=0-U4G6RL3JE&feature=youtu.be
> I have nothing to add.
>
> _
Don,

Very interesting. Thanks for making that video.

As I had said in an earlier post, the coupling to a crystal is capacitive, not by electrical "contact" (you can't make an electrical [ohmic] contact to an insulator). In any older holder you will always see a metal plate on each side of the xtal - that's for capacitive coupling. On newer xtals there's a metal coating on each side of the quartz that serves the same function. I'd suggest cutting a couple of flat sheet metal pieces the same size as the face of your xtal and sandwich the xtal between them, then put that in your holder. You could even try a couple pieces of aluminum foil just as an experiment.

In the way you've designed your holder you'll get some capacitive coupling (it's hard to avoid), but not nearly as much as with the metal plates, and it's not uniform across the xtal. Since something appears to be "happening" now, it'd be interesting to see what the results would be if you were to add the metal plates.

73,
-Larry/NE1S

12870. Hummers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-09 10:59:23 UTC
From: dulmagedon@...
Topic: 12870 Message: 12870

I am off on a new adventure now. My Arc5s which I use from time to time ,mostly on AM but sometimes CW (Linc Cundall event) use a hb power supply. Actually it isnt true homebrew because it is right out of several ARRL handbooks and is known as The Economy Supply. It supplies all required voltages from a single unit. Because I wanted to be able to leave it on standby and needed 12 v filament for which it or they all have been rewired I added a separate 12 volt heater transformer and I can switchh on or off the hi voltage transformers primary but keeping it at the ready so to speak. the thing has a hum problem. It got real bad recently when I added a extra socket for power for the no 19 (which I never used) Yesterday I removed the extra wiring and cleaned up what was there. It has a choke and good filtering and uses a diode bridge. One would think being built by the book it would be perfect and quiet but it isnt. I moved the tX away from the power supplies magnetic field (Big transformer) and that helped but I can still hear some crap on the in shack monitor that I don't like. It could be the monitor is just too close and that under normal use it would be OK but I doubt it.
I suspect I need to bypass the bridge with 01s at each diode or maybe even make a new one. I can accept a bit of hum on these old rigs but not to an objectionable level. So I am looking for tricks to kill it. I use a modulator in the ARC5 key hole (yes both my ARC5s have been modified for CW key jacks long before they arrived here) to modulate it. It does a reasonable job . I have worked Dave KA2J south of me here near Sryacuse several times with no difficulty. In fact he spent sometime helping check it out when I first got it going. I would like to make it better so I can use it more often. So I am open to any hum killing suggestions that worked for any of you. I will write them al down and go through them if possible till I am happy with it.i If you need to hear it the rig is 80M (and I have one for 160 as well.)
donVe3LYX

12871. Fw: FB Stn, Bob

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-09 20:21:28 UTC
From: Louis Vermond
Topic: 12871 Message: 12871
Attachments: 1 described; binary payloads are missing from this source WARC

Going thru Es...

Dream station...

Hey, thanks Lou! and Merry Christmas! - Bob

On 12/23/2015 11:59 AM, Louis Vermond wrote:

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www.avast.com

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2015.0.6176 / Virus Database: 4489/11239 - Release Date: 12/23/15

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https://www.avast.com/antivirus

12872. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-09 20:47:04 UTC
From: Louis Vermond
Topic: 130 Message: 12872

http://www.ebay.com/itm/Antique-GEOBRA-Telegraph-Morse-Key-Set-Toy-D-R-G-M-1940s-/221325307347?hash=item3388042dd3

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12873. John Rollins AWA CW deal

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-10 03:29:09 UTC
From: dulmagedon@...
Topic: 12873 Message: 12873

Anyone playing in the John Rollins deal? I just got home and banged off few calls on 7107 but the band is crap and just noise. Will try again tomorrow. Used the 211 TNT.
donVe3LYX
BTW tore the ARC5 PSU back to bare transformers and started over. I had to order some parts. There goes a week waiting for that stuff.

12874. Re: Hummers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-10 15:25:19 UTC
From: JAMES HANLON
Topic: 12870 Message: 12874

Don,

The Economy Power Supply is a well known and much used circuit, and should work well for your Command Sets. The most likely reason for a recently developed hum would be deteriorating filter capacitors. Many years ago, when silicon rectifier diodes were not well matched and you were using several of them in series, it was good practice to shunt extra capacitors across them, but these days if you buy a batch of diodes together from a distributor they should be sufficiently well matched so that extra caps are not necessary. If diodes "go bad," they usually just short out. You could discover that with an ohm meter. Measure across them with the ohm meter probes in one direction, and then reverse the probes and measure across them again. A shorted diode will show the same, low resistance in both directions.

Jim Hanlon, W8KGI

12875. Re: [AWA Group] Re: Hummers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-10 16:07:50 UTC
From: Larry Szendrei
Topic: 12870 Message: 12875

On 3/10/16 10:25 AM, JAMES HANLON knjhanlon@... [AWAGroup] wrote:
>
> Don,
>
> The Economy Power Supply is a well known and much used circuit,
> and should work well for your Command Sets. The most likely reason
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> diodes "go bad," they usually just short out. You could discover that
> with an ohm meter. Measure across them with the ohm meter probes in
> one direction, and then reverse the probes and measure across them
> again. A shorted diode will show the same, low resistance in both
> directions.
>
Hi Jim & list,

The capacitors across silicon diodes are not just for voltage equalization of transients across a diode string, for protection. As you indicate, the tolerance among diodes has tightened up significantly from the early days, and with modern diodes they would be unnecessary were this their only purpose.

The other reason why an RF bypass across diodes (even if they are not part of a series string) has not gone away. Silicon diodes, especially modern ones, switch on (off) very rapidly as the voltage across them exceeds (or is reduced below) the turn-on voltage. This can create harmonics of line frequency well into the HF region, and can create artifacts with receivers, as well as transmitters. A parallel cap on each diode helps to suppress this.

73,
-Larry/NE1S

12876. Re; Quartz etc

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-10 18:30:23 UTC
From: JAMES HANLON
Topic: 12876 Message: 12876

Don,

I should have done this days ago, but I've been a little busy with other things here at home.

From the looks of your "crystal holder," it would seem that you need a better one to couple well to your home ground crystal.

I have a Bliley BC2 crystal holder. It is from the middle 1930s. It looks like a small hockey puck with two pins coming out the bottom spaced 3/4 of an inch. They would fit into a five-pin tube socket. It has a screw-on cap, so it's easy to get to the inside. On the inside is a stack of electrode/crystal/electrode. The electrodes are 1 inch by 1 inch metal plates. The top electrode is held down by a tab, screwed down to one side of the holder outside of the electrode area. It should be easy to take the electrode/crystal assembly apart and insert your own crystal numerous times. I can take some pictures and send them to you if you are interested. I haven't checked, but it is likely that this holder may also include a crystal.

This would be a good holder to use with your experimental crystal if it is 1" x 1" or smaller. I would be happy to send it to you. If you are interested please send me an address I can mail it to.

I also remember reading about a grinding technique that you might be able to benefit from. If you put an "antenna" such as a piece of aluminum foil or a metal plate underneath your grinding surface and connect it to a receiver, you should be able to hear some RF noise at the current frequency of the crystal while you are grinding it. You could check this out with a known good crystal.

73,

Jim Hanlon, W8KGI

12877. Re: [AWA Group] Re: Hummers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-10 19:25:41 UTC
From: dulmagedon@...
Topic: 12870 Message: 12877

I have over the last 30+years built a few of the Economy supplies. Maybe 5 or 6. They work yes but hum is to me anyway not at an acceptable level on these WW2 transmitters. By passing always seems to help. It is my opinion but I think a vacuum tube diode behaves quite a bit different then a solid state diode. I think the switch point is softer (in a tube) if you will allow me that expression. I think the solid state is so definite it creates some of its own problems. An Am transmitter seems to find hum while a rx will run on the same supply and be fine. Sometimes I wonder did ARRL ever build and use one or was it this should work lets put it in the book deal. often real life has a few curves the planners didnt see. I know from my own career. First you concive the plan. then design it, then build it and then perfect it. Of course if one doesn't do the second last step the final section gets missed too. Power supplies tick me off because I think they should work a lot better then they do.
I hope someday I won't feel that way. I could just buy one I guess but that would be cheating and i would lern nothing. Anyway, so far, I have bypassed all the diodes with .01s , Doubled the filter MFD value, installed a different soft start resistor and am currently building a voltage divider (both ends connected) to supply screen and osc voltage as well as PA voltage. I am also when my parts order arrives going to build a hash filter. I had to do this with my No 19 supply and while it is now decent it could still stand improvement. It was not usable on the economy supply. This ARC 5 one has always had a hum issue and I intend to get rid of it if possible. I already checked the diodes , it was first thing I did actually and inspected the caps. They are relatively new and not old nos stuff. If I have to replace them at the end of this I will but I think they re good. I have spares , but these are better quality then the spares so I will take all this info onto account as I poke through each step.
DonVe3LYX

12878. Re: Re; Quartz etc

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-10 19:54:52 UTC
From: dulmagedon@...
Topic: 12876 Message: 12878

Man that crystal grinding recr monitoring deal sounds interesting. I have old Blileys here, Jim . Thanks for the offer. In fact I don't know if you were around then but I made my own VF1 from one of those, casting the new top section in my home foundry and making a device to vary the spring pressure. I think there is a picture of it here in photos from several years back when I was in the crystal grinding mode and experimenting with such before Lou dragged me kicking and screaming into the wild world of self controlled oscillators.. A fellow who lives back near the mines north of here (we say "Back North") gave me boxes of old radio stuff and in it were several old round Blileys and some of the 243 types as well. I used the 243s before for making the crystals for my DX60B (3705, 3725, 7290). I took crystals that were just below the Ham 80m and 40m bands and moved them up checking them on the test osc I built (that is the same one in the video.) as I went making sure they would still work as I moved them up. It took a long time but once I got one working I was hooked and finished the other two The 243s have a similar construction as well. However the actual crystal support is a bit different.You know I thought about using one of the old holders for this rock experiment but since my original premise was to see could a functioning crystal be made by anyone using simple and readily available stuff I couldn't bring myself to use a commercial holder. It is probably my square headed deutsche blut but tis how I thought. I was as close a had disassembled an old 8005 kcs 243 but thought that wouldn't be right so I put it back together. Anyway I am not planning to use that homemade rock I just wanted to see if it could be done. The holder was built in a few minutes and the clip was in my hardware drawer. Maybe next winter I will make a more pretty one. My curiosity is at least for the moment satisfied. One project still hanging fire here that I wish to do before I move on to the big station in the sky is revive the no vacuum tube deal and make an oscillator with it. And I promised Doug I would do some more measurment next time I had it running but I have been having so much fun with the AWA events and the No 19 while I have worked a bit on it (soup can lid tuning cap is partially built since Christmas) something always seems to get in the way. I believe it is called F.U.N!
donVe3LYX

12879. Re: [AWA Group] Re: Hummers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-10 21:42:46 UTC
From: Larry Szendrei
Topic: 12870 Message: 12879

On 3/10/16 2:25 PM, dulmagedon@... [AWAGroup] wrote:
>
> By passing always seems to help. It is my opinion but I think a
> vacuum tube diode behaves quite a bit different then a solid state
> diode. I think the switch point is softer (in a tube) if you will
> allow me that expression.
>
Don, you are exactly right. A vacuum-tube diode has a higher "internal resistance" which absorbs the energy.

I have had hum problems with the "economy supply" concept when I tried to use a common filter in the negative lead. When I have a separate filter in each positive output I have not had problems. Just my experience.

73,
-Larry/NE1S

12880. Re: [AWA Group] Re; Quartz etc

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-10 23:33:57 UTC
From: Roger Kuchera
Topic: 12876 Message: 12880

Hi Don, If I may so bold as to add some info re: Jim's B2 (Bliley) crystal holders; those with plates for 80 metersused 1x1" metal contacts (top and bottom); those with 40 meter plates used a round top contact approximately 1/2" diameter.
Roger/K1TG

On Thursday, March 10, 2016 1:30 PM, "JAMES HANLON knjhanlon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv3148001974 #yiv3148001974 .yiv3148001974ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv3148001974 div.yiv3148001974ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv3148001974 div.yiv3148001974photo-title a, #yiv3148001974 div.yiv3148001974photo-title a:active, #yiv3148001974 div.yiv3148001974photo-title a:hover, #yiv3148001974 div.yiv3148001974photo-title a:visited {text-decoration:none;}#yiv3148001974 div.yiv3148001974attach-table div.yiv3148001974attach-row {clear:both;}#yiv3148001974 div.yiv3148001974attach-table div.yiv3148001974attach-row div {float:left;}#yiv3148001974 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv3148001974 div.yiv3148001974ygrp-file {width:30px;}#yiv3148001974 div.yiv3148001974attach-table div.yiv3148001974attach-row div div a {text-decoration:none;}#yiv3148001974 div.yiv3148001974attach-table div.yiv3148001974attach-row div div span {font-weight:normal;}#yiv3148001974 div.yiv3148001974ygrp-file-title {font-weight:bold;}#yiv3148001974 --> <!--#yiv3148001974 .yiv3148001974hmmessage P{margin:0px;padding:0px;}#yiv3148001974 body.yiv3148001974hmmessage{font-size:12pt;font-family:Calibri;}-->

Don,

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This would be a good holder to use with your experimental crystal if it is 1" x 1" or smaller. I would be happy to send it to you. If you are interested please send me an address I can mail it to.

I also remember reading about a grinding technique that you might be able to benefit from. If you put an "antenna" such as a piece of aluminum foil or a metal plate underneath your grinding surface and connect it to a receiver, you should be able to hear some RF noise at the current frequency of the crystal while you are grinding it. You could check this out with a known good crystal.

73,

Jim Hanlon, W8KGI

12881. Re: [AWA Group] Re; Quartz etc

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-11 11:33:10 UTC
From: dulmagedon@...
Topic: 12876 Message: 12881

Hi Roger, I had noticed that difference in some of mine (round Blileys)but I had not realized the 80M 40m band was the defining difference. I wonder why that is. I want to build a big tube crystal controlled rig and I have some really old huge rectangular crystals . One is 3500kcs so I could sneak safely into 80M easily I think with a bit of rubbing. I had thought of a 811 or 811A but am getting to really like the 211 tubes after building 2 rigs with one. I will have to find another socket.
Speaking of 211 rigs, I got a QSl card from a fellow who worked the new TNT and he gave me a 588 and said Rig has no chirp and is very stable. So I decided to plug my simple modulator in (That I built for and use on the ARC5s) and try modulating it. XYL monitored it from a short distance and said it was very clear on both the digital rx and the anolog rx. Since she is a retired school mar'm and cuts me no slack ("I can't hear you" or "you're mumbling")I am encouraged. I may try to redesign the modulator for a pair of 01As (two 5v heaters wil work with the ten volt heater transformer and the transformer I used has two ten volt windings) Then I could have period correct modulation in the B neg feed.
I would probably drop the crystal mic for a carbon mic and battery circuit just to be honest which would allow me to drop one tube amp section so two triodes could be made to work I think.(or 4) Or use an earphone for a mic. Anyway it appears to work but really need someone at a longer distance to give it a fair test.
Larry,
My impressions of the neg lead filtering on the eco PSU are similar to you comments.
In the No 19 PSU I finally dropped the choke altogether with good results. I read a piece by a Heathkit designer of why he did and recently I read a one page article by James Millen written in 1938 on power supplies that confirmed many of my suspicions. PSUs are a weak spot for me which I am trying to cure. Only have one I am really happy with (My linear's) A few are Ok or reasonably good but not content yet.
donVe3LYX

12882. Re: [AWA Group] Re: Hummers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-11 11:51:12 UTC
From: Dry Martini Holding Company☐
Topic: 12870 Message: 12882

So in the economy supply as shown in Nov/1952 QST, what is the purpose of using two 6x5 and the 5v4 rectifier tubes?

Tnx,

Robert
KG4KGL

Sent from my iPhone
> On Mar 10, 2016, at 16:42, Larry Szendrei ne1s@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
>> On 3/10/16 2:25 PM, dulmagedon@... [AWAGroup] wrote:
>>
>> By passing always seems to help. It is my opinion but I think a vacuum tube diode behaves quite a bit different then a solid state diode. I think the switch point is softer (in a tube) if you will allow me that expression.
>>
> Don, you are exactly right. A vacuum-tube diode has a higher "internal resistance" which absorbs the energy.
>
> I have had hum problems with the "economy supply" concept when I tried to use a common filter in the negative lead. When I have a separate filter in each positive output I have not had problems. Just my experience.
>
> 73,
> -Larry/NE1S
>

12883. Re: [AWA Group] Re: Hummers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-11 11:58:45 UTC
From: Dry Martini Holding Company☐
Topic: 12870 Message: 12883

Don,

Are you building the Nov1952 design, but using diodes in place of rectifier tubes?

Tnx,

Robert
KG4KGL

> On Mar 10, 2016, at 14:25, dulmagedon@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> I have over the last 30+years built a few of the Economy supplies. Maybe 5 or 6. They work yes but hum is to me anyway not at an acceptable level on these WW2 transmitters. By passing always seems to help. It is my opinion but I think a vacuum tube diode behaves quite a bit different then a solid state diode. I think the switch point is softer (in a tube) if you will allow me that expression. I think the solid state is so definite it creates some of its own problems. An Am transmitter seems to find hum while a rx will run on the same supply and be fine. Sometimes I wonder did ARRL ever build and use one or was it this should work lets put it in the book deal. often real life has a few curves the planners didnt see. I know from my own career. First you concive the plan. then design it, then build it and then perfect it. Of course if one doesn't do the second last step the final section gets missed too. Power supplies tick me off because I think they should work a lot better then they do.
> I hope someday I won't feel that way. I could just buy one I guess but that would be cheating and i would lern nothing. Anyway, so far, I have bypassed all the diodes with .01s , Doubled the filter MFD value, installed a different soft start resistor and am currently building a voltage divider (both ends connected) to supply screen and osc voltage as well as PA voltage. I am also when my parts order arrives going to build a hash filter. I had to do this with my No 19 supply and while it is now decent it could still stand improvement. It was not usable on the economy supply. This ARC 5 one has always had a hum issue and I intend to get rid of it if possible. I already checked the diodes , it was first thing I did actually and inspected the caps. They are relatively new and not old nos stuff. If I have to replace them at the end of this I will but I think they re good. I have spares , but these are better quality then the spares so I will take all this info onto account as I poke through each step.
> DonVe3LYX
>
>

12884. Re: [AWA Group] Re: Hummers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-11 16:44:56 UTC
From: Larry Szendrei
Topic: 12870 Message: 12884

On 3/11/16 6:51 AM, Dry Martini Holding Company☐ qrp@...
[AWAGroup] wrote:
> So in the economy supply as shown in Nov/1952 QST, what is the purpose
> of using two 6x5 and the 5v4 rectifier tubes?
>
> Tnx,
>
> Robert
> KG4KGL
>

Hi Robert,

As you know, the "Economy Power Supply" design uses a full-wave bridge around the full winding of tapped HV secondary, with Hi B+ off the common cathode node of the bridge, and LV B+ off the center-tap.

In a bridge rectifier, two of the diodes have a common cathode, so any "full wave" (i.e., single-filament, dual plate) rectifier tube can be used within its ratings. The other two diodes have a common anode, and the cathodes go to separate nodes. So, a common cathode tube won't work here. A pair of filamentary-type rectifier tubes could be used, but that means 3 separate filament windings just to light all the rectifier tubes. A rectifier tube with an indirectly-heated cathode like the 6X5 saves a winding so that only 2 windings are necessary to light the tubes in the bridge, since the cathodes in the 6X5s are adequately insulated from the heater so that the heaters can be connected together and run from a common winding. Also, the 6.3V winding used for the 6X5s can also be employed to light other tubes with 6.3V heaters in the gear being run from the supply.

73,
-Larry/NE1S

12885. Re: [AWA Group] Re: Hummers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-11 18:03:12 UTC
From: Niel - W0VLZ
Topic: 12870 Message: 12885

Here's a little write up to help understand the economy power supply:
http://w0vlz.blogspot.com/2013/11/more-about-power-supply-for-1939.html
Click on the diagram to see how it works as both a full wave bridge
rectifier and with center tapped full wave rectification.

Niel - W0VLZ

12886. Re: [AWA Group] Re: Hummers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-11 19:56:09 UTC
From: dulmagedon@...
Topic: 12870 Message: 12886

Thanks to all who added input. Es machts nichts jetz because the parts came today and I just finished my mods a few minutes ago. Nervously I turned it on. No smoke. Always a good start! :>). So I hooked it up on CW (with a key.0 On the in shack monitor (A DX394 from RS) No perceptible hum. So I unplugged the key and plugged in the modulator. Same deal , no perceptible hum of any kind. My mod was I tore everything out back to the transformers. I made up an resistor, wire wound assembly right at the input , a pair of 172 ohm 10 watters I had in parallel. (to cut reistance, not for power handling) and I also installed a .01ufd 1 kv cap across the AC input from the transformer to kill hash. I checked the bridge out and all was good so I reused it but bypassed everything with four more .01ufd caps. Then I doubled up on the electrolytics putting two 47 ufds in series with appropriate bleeder resistors and added a second set of caps beside the originals. since being on series hurts their effectiveness some although it may not have been significant as it is often done. (They have a 450 volt rating).
I junked the Low HV take off completely and built a voltage divivder network from 5w wire wounds for that. Three 27Ks in series and pulled the low Hv of the lowest and last joint between them. This keeps me from pushing the osc tube too hard. I left the choke in the neg lead but was ready to scrap it if needed however it is extremely quiet. If I can drag my sorry butt out of bed early tomorrow I will try to check into the OMRN (Mikes baby). Dave KA2J is used to my ARC5s sound so will give me a good comparison. Meanwhile anybody feel lucky here I am up for a trial before then. I am currently tuned up on 3700kcs but can go anywhere on the band as it is VFO controlled. Now if everything hangs together I am good to go. I wonder now if I should have used 10W resistors for the divider although I have seen 5W recommended for this exact purpose. the divieder is double connected B+ and B neg which give the PSU better stability.Here's hoping. I would have the XYL take a little drive with a portable like before but she is having her mid aft nap and I am crazy, not stupid. I can wait.
donVe3LYX.

12887. Re: [AWA Group] Re: Hummers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-11 19:57:09 UTC
From: dulmagedon@...
Topic: 12870 Message: 12887

Oh I am sorry I didnt answer a question someone asked. My Eco schematic came out of the 1984 handbook so was SS to start with.
donVe3LYX

12888. Re: [AWA Group] Re: Hummers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-11 21:02:45 UTC
From: Dry Martini Holding Company☐
Topic: 12870 Message: 12888

Tnx Don,

Now I have to find a 1984ish handbook. Anyone have a spare they would like to sell?

Robert
KG4KGL

> On Mar 11, 2016, at 14:57, dulmagedon@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> Oh I am sorry I didnt answer a question someone asked. My Eco schematic came out of the 1984 handbook so was SS to start with.
> donVe3LYX
>
>

12889. 40m Hartley test or sked (newbie)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-12 03:03:13 UTC
From: aflowers@frontiernet.net
Topic: 12889 Message: 12889

Hi,
I'm Andy, K0SM, and I'm new to the group. I'm young enough that I was born into a safe, solid-state world of 12V regulated power and crystal based DDSs and until a couple weeks ago I had never build anything with a tube in it. So it might not sound like much, but I've conquered a lot of ignorance and fear in the last few weeks to come up with a 40m single-tube self-excited Hartley. I even went in head first and used bakelite mica caps and powered the thing with a 5R4 after buzzing out a mystery transformer in an old 60's era ISM carcass. (I have a "proper" type 80 in the waiting but no transformer for it at the moment.)
Anyway, I put it on the air last weekend for the first time and initially got a 525 (awsome!) and then a 579C report after adjusting the taps a bit. There's probably only so much I can do about the chirp without moving to a regulated supply. The tone is generally pretty clean to my ears when its adjusted. It sounds much better on 80m and I can get a little more power out (with the right coil) but that's probably just because the frequency is twice as forgiving. No OO cards have shown up, yet :-)
Would anyone be up for a 1929 QSO this weekend? I'd be interested to see how it sounds to someone who knows what the are listening to. I might be fun to hear another such transmitter on the other end. The only antenna I have up right now is a low 40m dipole, so daytime/early evening on 40m is probably best within 600mi or so of Rochester, NY.
Thanks,
Andy K0SM/2

12890. Re: 40m Hartley test or sked (newbie)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-12 03:52:30 UTC
From: dulmagedon@...
Topic: 12889 Message: 12890

Andy I am due north of you near Picton just south of Belleville. I am up for a test. Name ur poison. IE Freq, time etc. I will even answer you on one. A Hartley or a TNT.
donVE3LYX

12891. Re: 40m Hartley test or sked (newbie)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-12 03:55:39 UTC
From: mattgoff54@...
Topic: 12889 Message: 12891

Andy, welcome to the group. Im also new around here and also young. Well relatively, Im just starting to feel old at 27. But anyway lots of great info is passed along here in the group, and just like on the golf course, the "old timers" will show you how its done.

I have a Hartley with parallel 227's that I have a 40m coil for. I might be able to get it to behave on 40 for a qso. I check to group pretty regularly (young guys and our smartphones) so post when and where youre going to be and I'll have a listen. I bet Don will too, maybe I can work both of you.

73, Matt KC8ZQS

12892. Re: [AWA Group] Re: 40m Hartley test or sked (newbie)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-12 05:14:53 UTC
From: aflowers@frontiernet.net
Topic: 12889 Message: 12892

It looks like I'll have some time to play tomorrow (Saturday) afternoon. My guess is it will be after 2pm. I'll post to the list around midday when I have a better idea and whoever shows up can do so. Where's the best place to operate? Around 7050? Above 7100? Don, does your TNT have a preference?
Matt, I heard you last night around 3560 when I was tuning up the 80m coil into the dummy load. I would have answered you had I had and antenna. I have a single 27 with about 270V key-down, and something around 1W out to the antenna. I haven't seen signs of overcoupled the antenna yet with the current arrangement, so I might try a few more turns on the antenna link to see if I can get to a couple more dB without the signal falling apart.
Andy K0SM/2

On Friday, March 11, 2016 10:55 PM, "mattgoff54@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  Andy, welcome to the group. Im also new around here and also young. Well relatively, Im just starting to feel old at 27. But anyway lots of great info is passed along here in the group, and just like on the golf course, the "old timers" will show you how its done.

I have a Hartley with parallel 227's that I have a 40m coil for. I might be able to get it to behave on 40 for a qso. I check to group pretty regularly (young guys and our smartphones) so post when and where youre going to be and I'll have a listen. I bet Don will too, maybe I can work both of you.

73, Matt KC8ZQS

12893. Re: [AWA Group] 40m Hartley test or sked (newbie)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-12 12:23:30 UTC
From: Larry Szendrei
Topic: 12889 Message: 12893

On 3/11/16 10:03 PM, 'aflowers@...' aflowers@...
[AWAGroup] wrote:
> Hi,
>
> I'm Andy, K0SM, and I'm new to the group. I'm young enough that I was
> born into a safe, solid-state world of 12V regulated power and crystal
> based DDSs and until a couple weeks ago I had never build anything
> with a tube in it. So it might not sound like much, but I've
> conquered a lot of ignorance and fear in the last few weeks to come up
> with a 40m single-tube self-excited Hartley. I even went in head
> first and used bakelite mica caps and powered the thing with a 5R4
> after buzzing out a mystery transformer in an old 60's era ISM
> carcass. (I have a "proper" type 80 in the waiting but no transformer
> for it at the moment.)
>
> Anyway, I put it on the air last weekend for the first time and
> initially got a 525 (awsome!) and then a 579C report after adjusting
> the taps a bit. There's probably only so much I can do about the
> chirp without moving to a regulated supply. The tone is generally
> pretty clean to my ears when its adjusted. It sounds much better on
> 80m and I can get a little more power out (with the right coil) but
> that's probably just because the frequency is twice as forgiving. No
> OO cards have shown up, yet :-)
>
> Would anyone be up for a 1929 QSO this weekend? I'd be interested to
> see how it sounds to someone who knows what the are listening to. I
> might be fun to hear another such transmitter on the other end. The
> only antenna I have up right now is a low 40m dipole, so daytime/early
> evening on 40m is probably best within 600mi or so of Rochester, NY.
>
> Thanks,
>
> Andy K0SM/2
>
>

Hi Andy, and welcome! It's great to see younger folks like you and Matt "getting the bug" and joining us. I've got a pretty busy weekend planned, but I'll try to make some time around 2PM and get on between 7100 - 7115 with my TNT from my Maine QTH. Those frequencies seem to be less busy than lower in the band, and I think the TNT is happier there.

I'm kitting parts from my "stash" for a UX227 Harley to give to a friend (K1YSK) who has expressed interest in building one. I wonder what value of grid leak you found worked well with the '27?

73,
-Larry/NE1S
> .
>

12894. Re: [AWA Group] 40m Hartley test or sked (newbie)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-12 12:32:07 UTC
From: Larry Szendrei
Topic: 12889 Message: 12894

On 3/12/16 7:23 AM, Larry Szendrei ne1s@... [AWAGroup] wrote:
> I'm kitting parts from my "stash" for a UX227 Harley to give to a
> friend (K1YSK) who has expressed interest in building one. I wonder
> what value of grid leak you found worked well with the '27?
>
> 73,
> -Larry/NE1S
Oops... Make that "UY-227."

12895. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-12 12:17:08 UTC
From: Louis Vermond
Topic: 130 Message: 12895

http://www.ebay.com/itm/Assembly-Tuner-COIL-and-Variable-Capacitor-and-Switch-Ham-Radio-/262330413904?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12896. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-12 13:22:28 UTC
From: Steve Flood
Topic: 130 Message: 12896

Except for the OT switch, I found something nearly identical to this at a hamfest about 15 years ago. I used it as my first L-network for a 160m vertical.

I assumed mine was one-off homebrew, now I'm wondering if it was a surplus or commercial item, or perhaps from a handbook.

Steve KK7UV

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12897. Re: [AWA Group] 40m Hartley test or sked (newbie)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-12 14:55:37 UTC
From: mattgoff54@...
Topic: 12889 Message: 12897

With my parallel 227's im using an 8k grid leak. Seems to work fine at 8-9 watts input. What about you Andy? I have a mess of 27's and 227's now, all globe envelope and one st. I wanted a surplus for...testing. The ST type tube takes the higher inputs better. I only use ST tubes if I have to. And I forgot, since my heath PS is acting funky I might have to whip something up to run the 227 Hartley.

Its very interesting to me what people did with their tubes back in the day. I have been collecting hard copy QST's and in 1924 a guy was testing his 6 parallel uv-202's with 2kv on the plates.

Matt KC8ZQS

12898. Re: [AWA Group] 40m Hartley test or sked (newbie)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-12 15:07:44 UTC
From: aflowers@frontiernet.net
Topic: 12889 Message: 12898

Larry,
I had a 12K and a 20K for the grid-leak in my meager junkbox and I tried both. I early on I used 50pf instead of the standard 250pf for the grid capacitor since that's what I had. One of the old handbooks said that the grid cap should be at least 10x the grid-cathode capacitance, and 50pf is right on the edge. It didn't seem to care either way as I had no problem getting the thing to oscillate other than some stability problems that I traced to a loose tuning capacitor...all part of the fun. To my astonishment the thing fired up on the first key press. I have the 12K/250pf arrangement in right now.
I more or less followed WA9FWA's schematic, but added a 300pf variable + 50pf fixed series arrangement for a bandspread in parallel with the big tuning cap that makes the effect of hand capacitance fairly small at 7MHz. (The few pf from your hand is scaled downlard by the low value fixed series cap). Without something like that getting it anywhere near on frequency was impossible since there's no shielding and the both sides of the tank are above ground. The bandspread still covers about 400 KHz...er, kc...but its not linear and is spread out much toward one end of travel. The tradeoff is an extra air variable instead of a vernier dial.
Andy K0SM/2

On Saturday, March 12, 2016 7:23 AM, "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

> On 3/11/16 10:03 PM, 'aflowers@...' aflowers@frontiernet.net [AWAGroup] wrote:
>
> Hi,
> I'm Andy, K0SM, and I'm new to the group. I'm young enough that I was born into a safe, solid-state world of 12V regulated power and crystal based DDSs and until a couple weeks ago I had never build anything with a tube in it. So it might not sound like much, but I've conquered a lot of ignorance and fear in the last few weeks to come up with a 40m single-tube self-excited Hartley. I even went in head first and used bakelite mica caps and powered the thing with a 5R4 after buzzing out a mystery transformer in an old 60's era ISM carcass. (I have a "proper" type 80 in the waiting but no transformer for it at the moment.)
> Anyway, I put it on the air last weekend for the first time and initially got a 525 (awsome!) and then a 579C report after adjusting the taps a bit. There's probably only so much I can do about the chirp without moving to a regulated supply. The tone is generally pretty clean to my ears when its adjusted. It sounds much better on 80m and I can get a little more power out (with the right coil) but that's probably just because the frequency is twice as forgiving. No OO cards have shown up, yet :-)
> Would anyone be up for a 1929 QSO this weekend? I'd be interested to see how it sounds to someone who knows what the are listening to. I might be fun to hear another such transmitter on the other end. The only antenna I have up right now is a low 40m dipole, so daytime/early evening on 40m is probably best within 600mi or so of Rochester, NY.
> Thanks,
> Andy K0SM/2

Hi Andy, and welcome! It's great to see younger folks like you and Matt "getting the bug" and joining us. I've got a pretty busy weekend planned, but I'll try to make some time around 2PM and get on between 7100 - 7115 with my TNT from my Maine QTH. Those frequencies seem to be less busy than lower in the band, and I think the TNT is happier there.

I'm kitting parts from my "stash" for a UX227 Harley to give to a friend (K1YSK) who has expressed interest in building one. I wonder what value of grid leak you found worked well with the '27?

73,
-Larry/NE1S

.

12899. Re: [AWA Group] Re: 40m Hartley test or sked (newbie)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-12 15:18:42 UTC
From: dulmagedon@...
Topic: 12889 Message: 12899

No, It tunes ok between those two so what works for you in that general range is ok. Be careful with tirns out (but try it for sure.) Mine dontlike a lot. usually one on 40 and 2 turns on 80m. Often less is more. We may be too close but depends on propagation. I think it is 30 to 35 miles across the lake and I am in about 12 miles from shore. but sometimes it is pretty good too so we will see. Matt i have heard here on my modern rig but want to work hiim in "the real world"
Dont worry about being oung. Believe me it doesn't last. Enjoy it while you can!
donVE3LYX

12900. Re: [AWA Group] 40m Hartley test or sked (newbie)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-12 15:54:31 UTC
From: Louis Vermond
Topic: 12889 Message: 12900

GM,

So, has the SKED time and frequency been set yet? Lou

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12901. Re: [AWA Group] 40m Hartley test or sked (newbie)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-12 16:44:25 UTC
From: aflowers@frontiernet.net
Topic: 12889 Message: 12901

Right now I have all four children to myself and will until mid afternoon.
It looks like I should be free around 3pm today. I'll try to get on around 7110 around 3:00 EST. If I don't hear anyone on I'll just start calling CQ. If I get free earlier or later I'll update here.
Andy K0SM/2

On Saturday, March 12, 2016 10:54 AM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

☐GM, So, has the SKED time and frequency been set yet? Lou

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12902. Re: [AWA Group] 40m Hartley test or sked (newbie)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-12 17:09:07 UTC
From: Louis Vermond
Topic: 12889 Message: 12902

I'll call u with a rpt using TS-530. GL, Lou

----- Original Message -----
From: 'aflowers@...' aflowers@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-03-12 11:44 AM
Subject: Re: [AWA Group] 40m Hartley test or sked (newbie)

Right now I have all four children to myself and will until mid afternoon.

It looks like I should be free around 3pm today. I'll try to get on around 7110 around 3:00 EST. If I don't hear anyone on I'll just start calling CQ. If I get free earlier or later I'll update here.

Andy K0SM/2

On Saturday, March 12, 2016 10:54 AM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

☐
GM,

So, has the SKED time and frequency been set yet? Lou

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https://www.avast.com/antivirus

12903. Re: [AWA Group] 40m Hartley test or sked (newbie)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-12 17:14:15 UTC
From: Niel - W0VLZ
Topic: 12889 Message: 12903

Andy,

I'd recommend trying a few "CQ"s or "TEST"s sometime this afternoon just
to get a broader picture on how/where you are getting out. Check the
Reverse Beacon Network at
http://www.reversebeacon.net/dxsd1/dxsd1.php?f=0&c=k0sm&t=dx for
automated signal reports.

73,
Niel - W0VLZ
Rochester, MN
> Right now I have all four children to myself and will until mid afternoon.
>
> It looks like I should be free around 3pm today. I'll try to get on
> around 7110 around 3:00 EST. If I don't hear anyone on I'll just
> start calling CQ. If I get free earlier or later I'll update here.
>
> Andy K0SM/2

12904. Re: [AWA Group] 40m Hartley test or sked (newbie)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-12 17:48:10 UTC
From: dulmagedon@...
Topic: 12889 Message: 12904

Ok I will be on or about 7110 at 3 pm. I will try and record it.
Sounds like a fun afternoon coming!

12905. 160 MOPA - Stew Perry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-12 19:06:48 UTC
From: Eric NO3M
Topic: 12905 Message: 12905

I should be QRV this evening with my 1928 MOPA in the 160M "Spring" Stew Perry contest. It is an "after-midnight", 29 QSO Party legal rig, running about 19W input / 11W output. Hope to catch some west of the Rockies stations if QRN cooperates. I worked about 7 EU stations with this rig last week using a Four Square TX antenna.

The contest exchange is your grid square, but if you don't want logged in the contest, just give me a call for a report / quick chat.

I have been working on a '03A amplifier stage for this rig, but results have been dismal so far. Note and chirp is terrible, but not much time to mess with it lately. Need to try some different coupling parameters (coupling cap value / 210 amp tank tap) and maybe a different '03A tank setup, currently a double ended coil, single section variable, series feed with coil tap bypassed. Thinking of doing a split variable like my 811 MOPA and/or parallel feed. It also seems to break into oscillation with certain tank settings; parasitic suppressors where installed on both grid and plate.

73 Eric NO3M

12906. Re: [AWA Group] 160 MOPA - Stew Perry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-12 19:12:00 UTC
From: Eric NO3M
Topic: 12905 Message: 12906

I am suspecting those are low freq oscillations... may be brought on by the homebrew RFCs, 1mH, 4in. L x 15/16 in dia. wound in three sections, #32 enameled.

On 03/12/2016 02:06 PM, Eric NO3M no3m@... [AWAGroup] wrote:
>
>
> I have been working on a '03A amplifier stage for this rig, but results
> have been dismal so far. Note and chirp is terrible, but not much time
> to mess with it lately. Need to try some different coupling parameters
> (coupling cap value / 210 amp tank tap) and maybe a different '03A tank
> setup, currently a double ended coil, single section variable, series
> feed with coil tap bypassed. Thinking of doing a split variable like my
> 811 MOPA and/or parallel feed. It also seems to break into oscillation
> with certain tank settings; parasitic suppressors where installed on
> both grid and plate.
>

12907. Re: [AWA Group] 40m Hartley test or sked (newbie)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-12 20:15:34 UTC
From: aflowers@frontiernet.net
Topic: 12889 Message: 12907

I'm still waiting for the help to arrive here, but the rig is warmed up. I quickly worked VE3AWA, KC8ZQS, and VE3LYX in some free time among other duties. I found that quiet activities for the children keep the rig on frequency... I'll probably be back between 3:30 and 4pm if anyone else wants to try.
Andy K0SM/2

On Saturday, March 12, 2016 12:48 PM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  Ok I will be on or about 7110 at 3 pm. I will try and record it.
Sounds like a fun afternoon coming!

12908. Re: [AWA Group] 40m Hartley test or sked (newbie)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-12 20:26:08 UTC
From: mattgoff54@...
Topic: 12889 Message: 12908

Heard you pretty well, Andy. Signal improved a bit while you were working Don. I only heard Don a little here and there, and I didnt hear Lou at all.

I was running my 210 TNT. Wound a 40 meter coil for it. Easier than a supply for the Hartley's 227's.

Matt KC8ZQS

12909. Re: [AWA Group] 40m Hartley test or sked (newbie)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-12 20:58:35 UTC
From: dulmagedon@...
Topic: 12889 Message: 12909

Well that sure was fun. I could hear both Andy and Matt here before 3 when Andy QRTed for a few minutes. then I worked Andy on my 211 TNT. I could hear Matt but only on the beverage antenna but I could hear him regardless. Made a lot of recordings which I will sort thru and see what I got. Andy, Ur rig has that classic sound. Don't touch nothin!
Then I thought I put Big Bertha on (the 211 hartley) as she has a lot more output then the 211 TNT and bingo there was Larry hisself. I was answering him and I heard someone right on top of us but he had enuf signal and a distinct enough sound I finish when he came back restoring my confidance that he could hear me. Then I fired up cathode modulator and plugged it into the 211 TNT for a quick AM call. I guess no one heard that. Anyway. That was fun. I'll sort thru the recordings later tonight.
donVe3LYX

12910. Re: [AWA Group] 40m Hartley test or sked (newbie)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-12 22:19:39 UTC
From: aflowers@frontiernet.net
Topic: 12889 Message: 12910

Thanks a bunch, everyone. I haven't had this much fun with a radio in a long time. It's certainly the most fun you can have per component--I think there are 10 on the board, including the series variable to get this thing to like a 50 ohm load.
Some of my project involves my old family history, as I recently learned my great grandfather was 1ATZ according to the 1920-24 callbooks (I think we still have his operator license dated 1914 somewhere). He's listed as having a "5 watt" transmitter in the 1924 callbook, so I'm getting some idea of what his stuff might have sounded like and what kinds of challenges he would have run into with these early oscillators. He didn't have the advantage of an SDR to assist him in tuning it up, however.
I think the next project is going to be to make this circuit a little more permanent without altering that old-timey sound too much.
Andy K0SM/2

On Saturday, March 12, 2016 3:58 PM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Well that sure was fun. I could hear both Andy and Matt here before 3 when Andy QRTed for a few minutes. then I worked Andy on my 211 TNT. I could hear Matt but only on the beverage antenna but I could hear him regardless. Made a lot of recordings which I will sort thru and see what I got. Andy, Ur rig has that classic sound. Don't touch nothin!
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donVe3LYX

12911. Re: [AWA Group] 40m Hartley test or sked (newbie)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-12 22:26:16 UTC
From: aflowers@frontiernet.net
Topic: 12889 Message: 12911

BTW, the highlight of the afternoon was when I disappeared on Matt. I had forgotten that all this stuff works with a manual T/R switch and in my excitement I had forgotten that detail. The TX doesn't seem to care if there's an antenna there or not, but Matt does.
Andy K0SM/2

On Saturday, March 12, 2016 5:20 PM, "'aflowers@frontiernet.net' aflowers@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Thanks a bunch, everyone. I haven't had this much fun with a radio in a long time. It's certainly the most fun you can have per component--I think there are 10 on the board, including the series variable to get this thing to like a 50 ohm load.
Some of my project involves my old family history, as I recently learned my great grandfather was 1ATZ according to the 1920-24 callbooks (I think we still have his operator license dated 1914 somewhere). He's listed as having a "5 watt" transmitter in the 1924 callbook, so I'm getting some idea of what his stuff might have sounded like and what kinds of challenges he would have run into with these early oscillators. He didn't have the advantage of an SDR to assist him in tuning it up, however.
I think the next project is going to be to make this circuit a little more permanent without altering that old-timey sound too much.
Andy K0SM/2

On Saturday, March 12, 2016 3:58 PM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Well that sure was fun. I could hear both Andy and Matt here before 3 when Andy QRTed for a few minutes. then I worked Andy on my 211 TNT. I could hear Matt but only on the beverage antenna but I could hear him regardless. Made a lot of recordings which I will sort thru and see what I got. Andy, Ur rig has that classic sound. Don't touch nothin!
Then I thought I put Big Bertha on (the 211 hartley) as she has a lot more output then the 211 TNT and bingo there was Larry hisself. I was answering him and I heard someone right on top of us but he had enuf signal and a distinct enough sound I finish when he came back restoring my confidance that he could hear me. Then I fired up cathode modulator and plugged it into the 211 TNT for a quick AM call. I guess no one heard that. Anyway. That was fun. I'll sort thru the recordings later tonight.
donVe3LYX

12912. Re: [AWA Group] 40m Hartley test or sked (newbie)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-12 23:15:38 UTC
From: Niel - W0VLZ
Topic: 12889 Message: 12912

Andy,

I see from the RBN that you were doing a decent job into Pipersville, PA this afternoon. Try s few CQs or TESTs later on to see if the evening propagation helps even more. I bet you easily cover the entire northeast.

Niel - W0VLZ

Niel - W0VLZ w0vlz@... [AWAGroup] wrote:
>
> Andy,
>
> I'd recommend trying a few "CQ"s or "TEST"s sometime this afternoon just
> to get a broader picture on how/where you are getting out. Check the
> Reverse Beacon Network at
> http://www.reversebeacon.net/dxsd1/dxsd1.php?f=0&c=k0sm&t=dx for
> automated signal reports.
>
> 73,
> Niel - W0VLZ
> Rochester, MN
> > Right now I have all four children to myself and will until mid
> afternoon.
> >
> > It looks like I should be free around 3pm today. I'll try to get on
> > around 7110 around 3:00 EST. If I don't hear anyone on I'll just
> > start calling CQ. If I get free earlier or later I'll update here.
> >
> > Andy K0SM/2
>
>

12913. Re: [AWA Group] 40m Hartley test or sked (newbie)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-13 00:06:07 UTC
From: mattgoff54@...
Topic: 12889 Message: 12913

Haha yes that was a good time, I thought you had blown a cap or something. My 756 proiii's scope helped me find you once your signal came up. Something I wont have when I put my big boy britches on and use a real receiver like the super wasp.

Don I should have stuck around Id like to hear your AM sigs. Though probably have to happen on 80. I've been playing with loop mod when I should be doing other things. I dont think my candlestick carbon mic responds very well. Im going to try an amp modulator doohickey thing with two 201-A's and a 171-A.

Matt KC8ZQS

12914. Re: [AWA Group] 40m Hartley test or sked (newbie)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-13 03:08:34 UTC
From: dulmagedon@...
Topic: 12889 Message: 12914

Aw come on Matt. I worked well into your area with my loop. Even sat in a round table with a group and W2VW. Running a 45 TNT. Show me your set up and I will help you with it. However you gotta do what makes U happy. Too much coupling , more then one turn and two close can really mess it up. Less is usually more. You are comfy with a sniffer. Same deal only a mic replaces the bulb. In fact that is exactly what is on my 45 TNT. one loop used for either mod or tuning or power indication.
If your wasp works well you may find you have given up nothing. Some old regen rigs are extremely good.
Anyway, I would like to try the cat mod on the TNT sometime but it is only 40M . The Hartley while more powerful is not as stable so there seemed little point in trying it with that. Anytime te band as good and anyone wants to give it a shot I am up for it. If the CW note can be well heard there is a reasonable chance the AM will come through decent.
I had the old No 19 going tonite making one contact before coming upstairs. Anyway it sure was a fun afternoon.
donVe3LYX

12915. eBay Alert ...GN

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-13 03:51:32 UTC
From: Louis Vermond
Topic: 12915 Message: 12915
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/HOMEBREW-1-TUBE-RADIO-ANDREWS-superset-/291702309904?hash=item43ead00410:g:I0IAAOSwwpdW3KqA

:0)

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12916. However More testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-13 12:45:15 UTC
From: dulmagedon@...
Topic: 12916 Message: 12916
Attachments: 1 described; binary payloads are missing from this source WARC

After the success of yesterdays test session and frankly it couldn't have gone better it would be good if we could do a test now and then with each other.I know for a fact often we don't get nswers when operating because we have a bit of a wonky sound. (Ain't it wonderful!) however when a few of us go on we discover we are definately getting out and have a ball. Matt brought up modulating. Several of us including Matt have been playing with various forms of it. I have a 45hartley cathode modulated by a 01A posted above. I need a test on air with it but it isn't a several hundred mile rig so a day like yesterday would do well. Larry has one too, I believe plate modulated if I am right, Lou has a looper (And has done some DXing with it recently.) I have a loop that fits on my rat trap (which some of you have worked on CW) that parks the coil with its mic in a nesting spot and I holler down a cardboard tube so as not to wiggle it freq wise as holding the mic and the mic cord is one of the bigger problems when looping. (Don't move, just be as still as possible and speak). It has never had an on air test other then in the house. Then last week I plugged my homemade ARC5 modulator into my 211 TNT and was surprised how good it sounded here but I would like to see how it sounds talking to someone else. So if anyone is up for some more fun, I am ready to play. Just a normal old signal report like we did yesterday. It is amazing how much we accomplish when we all work together. Yesterday was as fun for me as any of the events. So Andy , thanks for putting us all up to it!
donVe3LYX
BTW I went through the recording. It is all there but spread out over a couple of hours. If I can figure out how to edit it a seperate it I will spread it around where it belongs. Can't believe I missed Lou?! Larry was just POUNDING in here. My ears are still sore.

12917. Elegant

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-13 12:50:38 UTC
From: Louis Vermond
Topic: 12917 Message: 12917
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/Tecsun-AN200-AM-MW-Antenna-no-battery-needed/111274642142?_trksid=p2047675.c100010.m2109&_trkparms=aid%3D555012%26algo%3DPW.MBE%26ao%3D2%26asc%3D35852%26meid%3Df25e091c7fcc4e7b8954e6f4cf1373be%26pid%3D100010%26rk%3D5%26rkt%3D24%26mehot%3Dag%26sd%3D131750485646

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12918. eBay Alert UY-227s

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-13 13:08:14 UTC
From: Louis Vermond
Topic: 12918 Message: 12918

http://www.ebay.com/itm/5-Good-Globe-Radio-Vacuum-Tubes-with-Paper-Labels-UY-224-and-4-UY-227-Type-/301896411366?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12919. Re: [AWA Group] However More testing [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-13 13:18:20 UTC
From: Louis Vermond
Topic: 12919 Message: 12919
Attachments: 1 described; binary payloads are missing from this source WARC

Can't believe I missed Lou?! He was a half hour earlier and on ....SSB. :0(

Later I heard u on freq. A real Ol' Timey Sig!

Impressive, Don. As well, having the mic in the fore was a stroke...BUT, ur pix are too small!

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12920. Re: However More testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-13 15:38:48 UTC
From: mattgoff54@...
Topic: 12916 Message: 12920

Don, I agree on the testing regularly. Of course being new at this game Im still somewhat amazed when anyone comes back to me. Its a thrill. I am around most nights. I stick around 3.580-3.600 unless theres a wide clear spot below. I would like to try and work you and Lou at some point. But youre probably right about an op's tendency to pass by such a goofy signal. I also wonder what QST termed a "1928" signal really typically sounded like, and how improved the "1929" signal was. It would be great to hear actual period recordings.

On modulation...I will give the loop another go. My loop is two turns no. 8 wire and you better believe i ended up with it .5mm from the tank while screaming into the mic. Physical vibration of the mic, tapping it etc I can hear just fine. Just no voice reproduction. How exactly are you cathode modulating? Ive tried an audio transformer in the fil center tap...that didnt work.

Matt KC8ZQS

12921. RE: [AWA Group] Re: However More testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-13 15:48:33 UTC
From: Mike Feher
Topic: 12916 Message: 12921

Matt –

Did you use a carbon mike. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, March 13, 2016 11:39 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: However More testing

Don, I agree on the testing regularly. Of course being new at this game Im still somewhat amazed when anyone comes back to me. Its a thrill. I am around most nights. I stick around 3.580-3.600 unless theres a wide clear spot below. I would like to try and work you and Lou at some point. But youre probably right about an op's tendency to pass by such a goofy signal. I also wonder what QST termed a "1928" signal really typically sounded like, and how improved the "1929" signal was. It would be great to hear actual period recordings.

On modulation...I will give the loop another go. My loop is two turns no. 8 wire and you better believe i ended up with it .5mm from the tank while screaming into the mic. Physical vibration of the mic, tapping it etc I can hear just fine. Just no voice reproduction. How exactly are you cathode modulating? Ive tried an audio transformer in the fil center tap...that didnt work.

Matt KC8ZQS

12922. RE: [AWA Group] Re: However More testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-13 16:15:58 UTC
From: mattgoff54@...
Topic: 12916 Message: 12922

Mike, yes its a "candlestick" hand mic. Western Electric, type T-12. I think it was probably signal corps model designation as info on it seems non existent. The element is a WE 323BW.

Matt KC8ZQS

12923. Re: [AWA Group] Re: However More testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-13 16:33:34 UTC
From: Larry Szendrei
Topic: 12916 Message: 12923

On 3/13/16 11:38 AM, mattgoff54@... [AWAGroup] wrote:
>
>
> On modulation...I will give the loop another go. My loop is two turns
> no. 8 wire and you better believe i ended up with it .5mm from the
> tank while screaming into the mic. Physical vibration of the mic,
> tapping it etc I can hear just fine. Just no voice reproduction.
>

Hi Matt,

Try tuning your AM receiver slightly off-frequency, one side or the other or the carrier, and see if you can hear the audio. Often there is a lot more FM than AM; hence slope detection must be used.

73,
-Larry/NE1S

12924. Re: [AWA Group] However More testing [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-13 17:50:55 UTC
From: dulmagedon@...
Topic: 12919 Message: 12924

my server wont send them if they are over 150. I will try in th future to get them as close to that as possible.
Thanks,
Ws a fun afternoon for me.
don

12925. Re: However More testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-13 18:15:53 UTC
From: dulmagedon@...
Topic: 12916 Message: 12925

OK go to one turn in you loop. Move it with in a 1/2 inch and speak. It needs to be near the main coil. . I usually put mine at the opposite end to the antenna output. Use your "Schniffer licht" to find the best spot.
How am I cathode modulating.
My rigs are cathode keying, I key the B neg so I insert a tube between the B neg feed from the PSU and the cathode of the modulator . Ie B neg from the PSU goes to the cathode of the modulator tube outthe plate and into the cathode OSC or amplifier tube. Crudley put the modulator tube is inserted where the key normally goes. Power comes in the bottom (cathode heater circuit flys across the grid at what ever strength s being allowed at that moment hits the plate and continues on to the next tubes cathode. By biasing the modulator tube (I generally start with a 5 K resistor over from the B neg cathode connection of the same tube) The tube is at the ready for modulation I use a carbon mic (telephone ones are great BTW) a battery and a normal audio output transformer. The primary (Thick coloured insulated wires usually) becomes the seconadry and is connect one side to the Bneg ground spot alonng where the bias resistor is connected and the other end of that winding is connected to a .1 paper cap or equivalant and pumped into the modulating tubes grid.
The mic and the battery are hooked in series and connected to the other winding of the output transformer (thin wire no insulation usually) A push to talk switch (doorbell buttons work nicely) is recommended so the battery doesnt pass away when sitting.
In summary. the modulation tube (01A is my tube of choice) now controls the B neg voltage being applied to the cathode of the Transmitter and it varies directly with the speech input from the carbon mic producing a somewhat remarkable modulation. BTW When using our old tubes Ie 45 osc and 01a modulator you MUST use separate supplies for the heaters of the two tubes otherwise they are just hooked together and nothing will happen. When using it with modern tubes (indirectly heated it is not an issue provided the cathodes and heaters are not mutually grounded.
I hope that sheds some light on it. Email me direct if you want. VE3LYXatgmaildotcom.
I am going down now to play on 80M for the afternoon. I am starting of with the ARC 5 and its modulator somewhere.anywhere there is AM activity with in reasonable distance this afternoon. later around 4 pm I will fire up the loop rat trap. Perhaps around 3805 so all can play if they like. Any mode reply accepted.
donVe3LYX

12926. Re: However More testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-13 19:11:01 UTC
From: dulmagedon@...
Topic: 12916 Message: 12926

I was just on 80M. Nobody there , and I mean nobody. However I checked propagation. (3330 CHU time signal)
Clear and strong so and is definately open and probably in good shape prop wise. That is the defining test from here. If I can hear CHU well then the band is usually pretty good. I have the ARC5 on 3805 . mostly i am checking out the revived power supply but I am using AM. later around 4 I will put on the one in the picture nd see of anyone hears it. The ratrap wont tune that high so I may try 3545 for a quick one. We are permitted that although I try to avoid going that far afield from traditional bounderies. I don't remember how high it tunes. I will save the 40m stuff for another time. (211 hartley on the arc5s modulator and the looped TNT , my first experiment in this mode. Hope someone is free. And if you need to test, go for it. I will be happy to listen.
donVe3LYX

12927. Re: [AWA Group] 160 MOPA - Stew Perry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-13 19:26:26 UTC
From: Eric NO3M
Topic: 12905 Message: 12927

Great results with the 160 MOPA last night. 123 stations worked, ten
(10) west of the Rockies and some good DX: NP2X, KV4FZ, KH6ZM, GW3YDX

Now on to taming this '03A stage...

On 03/12/2016 02:06 PM, Eric NO3M no3m@... [AWAGroup] wrote:
>
> I should be QRV this evening with my 1928 MOPA in the 160M "Spring" Stew
> Perry contest. It is an "after-midnight", 29 QSO Party legal rig,
> running about 19W input / 11W output. Hope to catch some west of the
> Rockies stations if QRN cooperates. I worked about 7 EU stations with
> this rig last week using a Four Square TX antenna.
>

12928. RE: [AWA Group] 160 MOPA - Stew Perry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-13 19:34:10 UTC
From: Mike Feher
Topic: 12905 Message: 12928

That is great Eric. Congratulations. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, March 13, 2016 3:26 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] 160 MOPA - Stew Perry

Great results with the 160 MOPA last night. 123 stations worked, ten (10) west of the Rockies and some good DX: NP2X, KV4FZ, KH6ZM, GW3YDX

Now on to taming this '03A stage...

On 03/12/2016 02:06 PM, Eric NO3M no3m@... [AWAGroup] wrote:

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12929. Re: [AWA Group] 160 MOPA - Stew Perry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-13 20:27:35 UTC
From: dulmagedon@...
Topic: 12905 Message: 12929

Impressive Eric. Great job!. I don't know how you guys do it. Did you have to stay up all night? When ,(what time) did you think conditions were best?
donVe3LYX

12930. Re: [AWA Group] 160 MOPA - Stew Perry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-13 20:40:42 UTC
From: Eric NO3M
Topic: 12905 Message: 12930

Almost all of the west coast stuff was worked after 0400z. KV4FZ, KH6ZM, and GW3YDX were all worked within a 25 minute span starting at 0610z, GW near his sunrise. TX antenna with gain surely helps. QRN was very low, propagation just good, but not great. I basically stopped for the night at 0635z, though did briefly check back and made a couple Qs around 0734z before going to bed.

On 03/13/2016 04:27 PM, dulmagedon@... [AWAGroup] wrote:
>
> Impressive Eric. Great job!. I don't know how you guys do it. Did you
> have to stay up all night? When ,(what time) did you think conditions
> were best?
> donVe3LYX
>
>

12931. '227 Specs?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-13 23:27:13 UTC
From: Bill Stewart
Topic: 12931 Message: 12931

Evening all,
Those using the '227 tube for the BK...could you pass along B+ values.
Also I wonder how it compares with say a '01A on the low end and a
'10 on the high end...that is, pwr output, stability, any problems getting
it to work in the usual BK circuits, things to watch out for, etc. Also,
will it work with the same C/L tank values.
Thanks
73 de Bill K4JYS

12932. Re: [AWA Group] 160 MOPA - Stew Perry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-14 05:36:25 UTC
From: Ron Barlow
Topic: 12905 Message: 12932

Congrats on your vy fb results, Eric!! I did hope to be QRV long enough to log a few QSOs, but the presence of nearby thunderstorm activity put the hurts on that plan. 73 de Ron n4gjv

On Sunday, March 13, 2016 4:40 PM, "Eric NO3M no3m@no3m.net [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Almost all of the west coast stuff was worked after 0400z. KV4FZ, KH6ZM, and GW3YDX were all worked within a 25 minute span starting at 0610z, GW near his sunrise. TX antenna with gain surely helps. QRN was very low, propagation just good, but not great. I basically stopped for the night at 0635z, though did briefly check back and made a couple Qs around 0734z before going to bed.

On 03/13/2016 04:27 PM, dulmagedon@... [AWAGroup] wrote:

Impressive Eric. Great job!. I don't know how you guys do it. Did you have to stay up all night? When ,(what time) did you think conditions were best?
donVe3LYX

12933. Re: [AWA Group] '227 Specs?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-14 12:31:45 UTC
From: Larry Szendrei
Topic: 12931 Message: 12933

On 3/13/16 7:27 PM, Bill Stewart cwopr@... [AWAGroup] wrote:
> Evening all,
> Those using the '227 tube for the BK...could you pass along B+ values.
> Also I wonder how it compares with say a '01A on the low end and a
> '10 on the high end...that is, pwr output, stability, any problems getting
> it to work in the usual BK circuits, things to watch out for, etc. Also,
> will it work with the same C/L tank values.
> Thanks
> 73 de Bill K4JYS
>
>
Hi Bill,

Probably not more than 300V on the plate of a 227. The max operating conditions as a class A amplifier in the tube manual is for 250V.

That said, last week I made an adaptor and tried a 227 in my Hartley in place of the 841, with no circuit changes. With ~400V on the plate I was getting as much output as with the 841 - about 5 watts. There was no indication of color on the plate. For CW it's probably OK, but that's just a SWAG. I tried both an ST '27 and a globe UY-227 with the same results.

73,
-Larry/NE1S

12934. Re: [AWA Group] '227 Specs?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-14 16:01:58 UTC
From: Bill Stewart
Topic: 12931 Message: 12934

Tnx for the scoop, Larry. I haven't tried a '27 yet and the eBay prices aren't too bad, so may have to consider something using one down the pipe.
73 Bill K4JYS

----- Original Message -----

From: "Larry Szendrei ne1s@securespeed.us [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, March 14, 2016 8:31:45 AM
Subject: Re: [AWA Group] '227 Specs?

On 3/13/16 7:27 PM, Bill Stewart cwopr@... [AWAGroup] wrote:

Evening all,
Those using the '227 tube for the BK...could you pass along B+ values.
Also I wonder how it compares with say a '01A on the low end and a
'10 on the high end...that is, pwr output, stability, any problems getting
it to work in the usual BK circuits, things to watch out for, etc. Also,
will it work with the same C/L tank values.
Thanks
73 de Bill K4JYS

Hi Bill,

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That said, last week I made an adaptor and tried a 227 in my Hartley in place of the 841, with no circuit changes. With ~400V on the plate I was getting as much output as with the 841 - about 5 watts. There was no indication of color on the plate. For CW it's probably OK, but that's just a SWAG. I tried both an ST '27 and a globe UY-227 with the same results.

73,
-Larry/NE1S

12935. Re: [AWA Group] '227 Specs?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-14 16:47:14 UTC
From: STEVE MCDONALD
Topic: 12931 Message: 12935

I agree Bill. The 27/ 227 are abundant it seems and do represent an economical way of getting into the '29 activity. I think there is much fun yet to be had with this tube ... a pair in parallel or P-P or three or four in parallel would be interesting!

Steve / VE7SL

>Tnx for the scoop, Larry. I haven't tried a '27 yet and the eBay prices aren't
too bad, so may have to consider something using one down the pipe.
73 Bill K4JYS

----- Original Message -----

From: "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, March 14, 2016 8:31:45 AM
Subject: Re: [AWA Group] '227 Specs?

On 3/13/16 7:27 PM, Bill Stewart cwopr@... [AWAGroup] wrote:

Evening all,
Those using the '227 tube for the BK...could you pass along B+ values.
Also I wonder how it compares with say a '01A on the low end and a
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will it work with the same C/L tank values.
Thanks
73 de Bill K4JYS

Hi Bill,

Probably not more than 300V on the plate of a 227. The max operating conditions as a class A amplifier in the tube manual is for 250V.

That said, last week I made an adaptor and tried a 227 in my Hartley in place of the 841, with no circuit changes. With ~400V on the plate I was getting as much output as with the 841 - about 5 watts. There was no indication of color on the plate. For CW it's probably OK, but that's just a SWAG. I tried both an ST '27 and a globe UY-227 with the same results.

73,
-Larry/NE1S

12936. Re: [AWA Group] '227 Specs?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-14 17:52:57 UTC
From: dulmagedon@...
Topic: 12931 Message: 12936

"That said, last week I made an adaptor and tried a 227 in my Hartley in place of the 841,"
Which were you running Sat?
donVe3LYX

12937. Re: [AWA Group] '227 Specs?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-14 21:27:56 UTC
From: Larry Szendrei
Topic: 12931 Message: 12937

On 3/14/16 1:52 PM, dulmagedon@... [AWAGroup] wrote:
>
>
> "That said, last week I made an adaptor and tried a 227 in my Hartley
> in place of the 841,"
> Which were you running Sat?
>
Neither. I was running the push-pull TNT sporting a pair of '45s.

73,
-Larry/NE1S

12938. Re: [AWA Group] '227 Specs?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-14 21:41:16 UTC
From: dulmagedon@...
Topic: 12931 Message: 12938

Oh Ok. Well it was very strong here.
donVe3LYX

12939. Re: [AWA Group] '227 Specs?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-14 21:52:04 UTC
From: aflowers@frontiernet.net
Topic: 12931 Message: 12939

This is the exact reason I chose a single 27 for my first foray into 1929 designs. I could get one for under $10 including the shipping, and even better per tube than that if you buy a batch of them. (It was either that or save $5 and wait till summer hamfests). Moreover, the indirectly heated cathode is simple to power with a DC bench supply (what I'm doing) or wall wart, and probably saves the center-tap resistor. Speaking from experience, if you've never done anything with a tube and see this center tapped resistor arrangement and keying method you might get very confused. A separate heater and cathode make the functions clear and you start to "get it". I'm now in the process of sourcing a directly heated tube for another transmitter, and this seems to me to be a natural learning progression, even if it's not the historical one.
In fact, parallel 27's might be even easier for a newbie since 5V supplies are legion, and can probably be scrounged from an old computer carcass. Then you can just light the 2.5V filaments in series.
To the original thread, I've been using a 12K grid leak with my ST-style 27 and see between 30-40ma depending on exactly how things are adjusted. With my homemade PS using stuff I had, keydown plate voltage is in the ballpark of 260V, and a little over 300V key up (hence the "classic" chirp). I used what I had available, and that meant this unknown transformer which determined the plate voltage for me. I figured that was close enough, and if I destroyed the tube I spent <$10 to learning a lesson. Its cheaper than school.
Andy K0SM/2

On Monday, March 14, 2016 12:47 PM, "STEVE MCDONALD ve7sl@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  I agree Bill. The 27/ 227 are abundant it seems and do represent an economical way of getting into the '29 activity. I think there is much fun yet to be had with this tube ... a pair in parallel or P-P or three or four in parallel would be interesting!

Steve / VE7SL

>Tnx for the scoop, Larry. I haven't tried a '27 yet and the eBay prices aren't
too bad, so may have to consider something using one down the pipe.
73 Bill K4JYS

----- Original Message -----

From: "Larry Szendrei ne1s@securespeed.us [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, March 14, 2016 8:31:45 AM
Subject: Re: [AWA Group] '227 Specs?

On 3/13/16 7:27 PM, Bill Stewart cwopr@... [AWAGroup] wrote:

Evening all,
Those using the '227 tube for the BK...could you pass along B+ values.
Also I wonder how it compares with say a '01A on the low end and a
'10 on the high end...that is, pwr output, stability, any problems getting

it to work in the usual BK circuits, things to watch out for, etc. Also,
will it work with the same C/L tank values.
Thanks
73 de Bill K4JYS

Hi Bill,

Probably not more than 300V on the plate of a 227. The max operating conditions as a class A amplifier in the tube manual is for 250V.

That said, last week I made an adaptor and tried a 227 in my Hartley in place of the 841, with no circuit changes. With ~400V on the plate I was getting as much output as with the 841 - about 5 watts. There was no indication of color on the plate. For CW it's probably OK, but that's just a SWAG. I tried both an ST '27 and a globe UY-227 with the same results.

73,
-Larry/NE1S

12940. Re: [AWA Group] '227 Specs?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-15 00:50:37 UTC
From: mattgoff54@...
Topic: 12931 Message: 12940
Attachments: 1 described; binary payloads are missing from this source WARC

Andy, that is almost the exact reason I went for the 227 tube in a Hartley first. It looked more intuitive and I didn't want to mess with the extra parts, center tapped resistance and bypass caps. I had tried a 201-A and couldn't get it to sound very good, but the 227 was great. I pretty quickly went to two in parallel for more power. I don't know at what point one begins to require parasitic chokes but I would like to build a 27 or 201-A rig with 4 or maybe 6 in parallel. Just because.

The picture is my old shack in progress, and is where I plan to operate the '29 stuff. The 227 Hartley MOPA arrangment on the far right will be dismantled and replaced by one of those great wooden towers with neat panels and large tubes.

Matt KC8ZQS

12941. Power supply filament voltage

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-15 00:50:33 UTC
From: aflowers@frontiernet.net
Topic: 12941 Message: 12941

Sorry for such a basic question, but this is all new and exciting technology...
I'd like to try breadboarding another power supply with a type 80 rectifier. I buzzed out a nameless transformer and have identified a ~600VCT with filament outputs of 7.1, 7.1, and 5.5 volts. These are measured open circuit with 120V input. There are no center taps on the filament outputs and they are isolated from one another and the HV.
I see the type 80 wants 5V to light the filament. Is the 5.5V winding really a "5 volt" winding and its anticipating some voltage drop when its drawing two amps current? How close do these filament voltages need to be in practice? I can always drop the voltage with a power resistor if I need to, but simpler is better.
Thanks,Andy K0SM/2

12942. Re: [AWA Group] Power supply filament voltage

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-15 01:17:20 UTC
From: Larry Szendrei
Topic: 12941 Message: 12942

On 3/14/16 8:50 PM, 'aflowers@...' aflowers@...
[AWAGroup] wrote:
> Sorry for such a basic question, but this is all new and
> exciting technology...
>
> I'd like to try breadboarding another power supply with a type 80
> rectifier. I buzzed out a nameless transformer and have identified a
> ~600VCT with filament outputs of 7.1, 7.1, and 5.5 volts. These are
> measured open circuit with 120V input. There are no center taps on
> the filament outputs and they are isolated from one another and the HV.
>
> I see the type 80 wants 5V to light the filament. Is the 5.5V
> winding really a "5 volt" winding and its anticipating some voltage
> drop when its drawing two amps current? How close do these filament
> voltages need to be in practice? I can always drop the voltage with a
> power resistor if I need to, but simpler is better.
>
> Thanks,
> Andy K0SM/2
>
> _
Hi Andy,

The voltage you are measuring could be high for 2 reasons (1) there is no load on the windings when you are doing your voltage measurement, and (2) your line voltage may be higher than what was normal back when the transformer was manufactured. I'd be willing to bet the 5.5V winding is nominally 5V, and the two 7.1 vollt windings are nominally 6.3V. Hook up the 80 filament to the "5.5V" winding, take a measurement, and see what you get. I generally consider anything within 5% of the target filament or heater voltage acceptable.

If the voltage is still too high you can try using one or both "7.1V" windings in series-aiding to buck the primary voltage (in series-bucking, of course). All this means is that you get the phase of the filament winding correct wrt the primary winding.

73,
-Larry/NE1S

12943. Re: [AWA Group] '227 Specs? [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-15 01:20:14 UTC
From: Larry Szendrei
Topic: 12931 Message: 12943

On 3/14/16 8:50 PM, mattgoff54@... [AWAGroup] wrote:
>
> The picture is my old shack in progress, and is where I plan to
> operate the '29 stuff. The 227 Hartley MOPA arrangment on the far
> right will be dismantled and replaced by one of those great wooden
> towers with neat panels and large tubes.
>
>
Matt, your shack is absolutely gorgeous! I'm jealous...

73,
-Larry/NE1S

12944. Re: [AWA Group] Power supply filament voltage

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-15 02:30:40 UTC
From: aflowers@frontiernet.net
Topic: 12941 Message: 12944

Thanks Larry.
I wired it up and I'm getting expected B+ DC on the cheap-o digital meter sans filter, so that's good. It's still 5.3V or so, but probably good enough. Now to see if I can find a choke....
Andy K0SM/2

On Monday, March 14, 2016 9:17 PM, "Larry Szendrei ne1s@securespeed.us [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

> On 3/14/16 8:50 PM, 'aflowers@...' aflowers@... [AWAGroup] wrote:
>
> Sorry for such a basic question, but this is all new and exciting technology...
> I'd like to try breadboarding another power supply with a type 80 rectifier. I buzzed out a nameless transformer and have identified a ~600VCT with filament outputs of 7.1, 7.1, and 5.5 volts. These are measured open circuit with 120V input. There are no center taps on the filament outputs and they are isolated from one another and the HV.
> I see the type 80 wants 5V to light the filament. Is the 5.5V winding really a "5 volt" winding and its anticipating some voltage drop when its drawing two amps current? How close do these filament voltages need to be in practice? I can always drop the voltage with a power resistor if I need to, but simpler is better.
> Thanks, Andy K0SM/2
>
> –

Hi Andy,

The voltage you are measuring could be high for 2 reasons (1) there is no load on the windings when you are doing your voltage measurement, and (2) your line voltage may be higher than what was normal back when the transformer was manufactured. I'd be willing to bet the 5.5V winding is nominally 5V, and the two 7.1 vollt windings are nominally 6.3V. Hook up the 80 filament to the "5.5V" winding, take a measurement, and see what you get. I generally consider anything within 5% of the target filament or heater voltage acceptable.

If the voltage is still too high you can try using one or both "7.1V" windings in series-aiding to buck the primary voltage (in series-bucking, of course). All this means is that you get the phase of the filament winding correct wrt the primary winding.

73,
-Larry/NE1S

12945. Re: [AWA Group] '227 Specs?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-15 02:46:51 UTC
From: dulmagedon@...
Topic: 12931 Message: 12945

Did somebody say large tubes!!!!!!!!!!!:>) I love large tubes.
Nice setup. Should do the photo in black and white just for fun and see how it looks.
I have a parasitic on my 45 TNT. I had it tuned up on 7290 today just to make sure it still works. I don;t use it much on CW anymore. I added a parasitic to my No 19 WS PA tube as well. I don't think you can go wrong putting one in the circuit for all the time it takes.
It is interesting about different tubes. My rat trap works wonderful on a 201A but is stubborn and not much fun on a 45 although I did run the after midnite BK with it. I decided to leave it a 201A afterwards because it works so well with it. I think that is why I like the 211 too. It seems to me to be an easy tube to work with for me. Never had a 10 or a 27.
I still got to work you Matt. The Recording I sent today if you got it , you come on a bit before the halfway point but it is pretty good. Love your mic! Where did you ever find that?
donVe3LYX

12946. Re: [AWA Group] '227 Specs?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-15 03:42:07 UTC
From: mattgoff54@...
Topic: 12931 Message: 12946
Attachments: 2 described; binary payloads are missing from this source WARC

Thanks Larry. It's coming along.

Yes, big tubes. Hopefully. Right now I have two 203A's with the old brown sockets. If I get a power supply up to snuff I'd like to play with some 852's. Probably not very efficient but they look cool. I have a huge cardwell split section that wants to be in a push pull amplifier. Which, BTW, if anyone has an old 3/8 shaft lever/dial they want to get rid of I'd be interested. That said, I am still very interested in the low power work. I have an ancient uv-201-A I'd like to put into low power work. Might have to find a 199.

The mic was an ebay find. Its that Western Electric T-12. 232BW carbon element. Im watching one now that has the scissor boom attached, which would be great for loop work. Still playing with the loop, trying to figure out if the mic is actually doing its job. The empty space on the desk is left for a modulator anyway.

Black and white pics, because I was thinking the same thing. Thats me taking a quick 1920s ham selfie.

73, Matt KC8ZQS

12947. RE: [AWA Group] '227 Specs?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-15 03:49:41 UTC
From: Mike Feher
Topic: 12931 Message: 12947

Wow, beautifully done Matt. The photos look just like the ones from a 20’s QST. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, March 14, 2016 11:42 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] '227 Specs?

Thanks Larry. It's coming along.

Yes, big tubes. Hopefully. Right now I have two 203A's with the old brown sockets. If I get a power supply up to snuff I'd like to play with some 852's. Probably not very efficient but they look cool. I have a huge cardwell split section that wants to be in a push pull amplifier. Which, BTW, if anyone has an old 3/8 shaft lever/dial they want to get rid of I'd be interested. That said, I am still very interested in the low power work. I have an ancient uv-201-A I'd like to put into low power work. Might have to find a 199.

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Black and white pics, because I was thinking the same thing. Thats me taking a quick 1920s ham selfie.

73, Matt KC8ZQS

12948. Re: [AWA Group] '227 Specs?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-15 03:50:52 UTC
From: mattgoff54@...
Topic: 12931 Message: 12948
Attachments: 2 described; binary payloads are missing from this source WARC

Photos don't want to attach.

12949. Re: [AWA Group] '227 Specs?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-15 11:17:01 UTC
From: dulmagedon@...
Topic: 12931 Message: 12949

When you put your mic on an ohm meter and speak what happens?
When you connect a flashlight bulb or pilot lamp across your loop without the mic what happens? Has to be single button mic. Double button mics are not suitsble.
You have to find the balance. Have enough absorption to produce a reasonable level of modulation but not enough to bother the Tx itself. It is easy to have too much. I had the 45 TNT going yesterday on the upper end of 40M on phone. Still works pretty good. Will never forget my first Loop QSO with Ve6PG (the other Tim Smith.)
I have several 201A rigs. 201A is probably my favourite tube. For the BK the last two years I would say 90% of my work was with those 201A rigs. Very tuf tube able to take a lot of abuse and run at much higher voltages.
donVe3LYX

12950. eBay Alert +

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-15 11:41:20 UTC
From: Louis Vermond
Topic: 12950 Message: 12950
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/sch/k3omi/m.html?item=361510064067&rt=nc&_trksid=p2047675.l2562

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12951. Final result of Loop mod experiments @Ve3LYX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-15 13:36:52 UTC
From: dulmagedon@...
Topic: 12951 Message: 12951
Attachments: 2 described; binary payloads are missing from this source WARC

No hands, Use only on moderate power rigs, Consistant coupling and no more then required. All adds up to a usable system for light duty use.

This is my 201A rig I used this years BK on 80M so many of U have done a CW QSO with it. The vintage telephone carbon mic is bolted to the mod base and I speak through a tube. This eliminatethe biggest problem. Hand capacity, wiggling wires etc. I am quite happy with it. It is tuned up on 3610 which is about as high as this TX can go.

I really enjoy running this rig normally (CW) as well. It seems to do ok. I find myself dragging it out every wUek or so for some fun.
donVe3LYX

12952. Re: Final result of Loop mod experiments @Ve3LYX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-15 15:27:50 UTC
From: dulmagedon@...
Topic: 12951 Message: 12952

So how do you know how much coupling to use? First get it close enough you can hear yourself well (deep rich) in a monitor receiver. Tuned in right on. Then turn on the receivers BFO and try speaking again (or switch to CW on the rx)
Speak again at the same level. While the strength may change as you speak the Note (ie 600 cycles) should not. Get as close a coupling as you can with this stability still there. This little rat trap does this easily so it is possible. No warbling. No freq change. If it did the tone would change. It doesn't when you get the coupling right.
donVe3LYX

12953. 27 transmitting specs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-15 18:02:20 UTC
From: JAMES HANLON
Topic: 12953 Message: 12953

The following specs for the '27 in General Purpose Receiving service comes from page 88 of the 1931 ARRL Handbook.

Output, 0.165watts
Plate Voltage 180
Plate Current 5 ma.
Suggest Grid bias -13.5 volts
Filament 2.5 vac, 1.75 amps
Amplification Factor (mu) 9
Plate Impedance 9000 ohms
Mutual Conductance 1000 micromhos

Neither the TNT nor the Hartley self-controlled oscillators shown in this Handbook mention using a '27. The TNT is "designed to use a Type '10 tube with a 500-volt d.c. plate supply and a 7.5-volt a.c. filament supply, or a type '01-A tube with a 135-volt d.c. plate supply and a 6-volt d.c. filament supply." However, the '01-A is also rated for General Purpose Receiving service and carries a Plate Voltage rating of 135 volts (at 3 ma.) (mu 8, Rp 10,000, Eg -9 v). So I suspect that the Handbook folks would not have exceeded 180 volts if they ran a '27 in one of these oscillators.

In the 1935 Handbook the 27 is rated with "Standard Receiving Tubes" as follows.

Description: Triode, Detector, Amplifier
Filament 2.5 volts, 1.75 amps
Plate Voltage 250
Negative Grid Volts 21
Plate Current 5.2 ma.
Plate Resistance 9250 Ohms
Mutual Conductance 975 Micromhos
Amplification Factor (mu) 9.0

In this Handbook the single-tube Hartley is no longer shown. The single tube TNT is there, and the tubes recommended for it are a 10 with a 500 volt plate supply, a 45 with a 350 volt plate supply, and a 01-A with a 135 volt plate supply.

Jim, W8KGI

12954. Re: [AWA Group] 27 transmitting specs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-15 20:45:07 UTC
From: Bill Stewart
Topic: 12953 Message: 12954

Tnx a lot Jim, for the 227 tube info. It will come in real handy when
and if I get around to trying one. Seems the '27 may be a bit of a 'sleeper'
as far as its use by our BKers. Altho, I believe I have worked several so
it may be used more than I think. Seems ideal for the beginner and seasoned
BK op. And good for us, maybe a bit low powered for the audio amp guys....
so far at least.
73 de Bill K4JYS

----- Original Message -----

From: "JAMES HANLON knjhanlon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "AWA Group" <awagroup@yahoogroups.com>
Sent: Tuesday, March 15, 2016 2:02:20 PM
Subject: [AWA Group] 27 transmitting specs

The following specs for the '27 in General Purpose Receiving service comes from page 88 of the 1931 ARRL Handbook.

Output, 0.165watts
Plate Voltage 180
Plate Current 5 ma.
Suggest Grid bias -13.5 volts
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Plate Impedance 9000 ohms
Mutual Conductance 1000 micromhos

Neither the TNT nor the Hartley self-controlled oscillators shown in this Handbook mention using a '27. The TNT is "designed to use a Type '10 tube with a 500-volt d.c. plate supply and a 7.5-volt a.c. filament supply, or a type '01-A tube with a 135-volt d.c. plate supply and a 6-volt d.c. filament supply." However, the '01-A is also rated for General Purpose Receiving service and carries a Plate Voltage rating of 135 volts (at 3 ma.) (mu 8, Rp 10,000, Eg -9 v). So I suspect that the Handbook folks would not have exceeded 180 volts if they ran a '27 in one of these oscillators.

In the 1935 Handbook the 27 is rated with "Standard Receiving Tubes" as follows.

Description: Triode, Detector, Amplifier
Filament 2.5 volts, 1.75 amps
Plate Voltage 250
Negative Grid Volts 21
Plate Current 5.2 ma.
Plate Resistance 9250 Ohms
Mutual Conductance 975 Micromhos
Amplification Factor (mu) 9.0

In this Handbook the single-tube Hartley is no longer shown. The single tube TNT is there, and the tubes recommended for it are a 10 with a 500 volt plate supply, a 45 with a 350 volt plate supply, and a 01-A with a 135 volt plate supply.

Jim, W8KGI

12955. Transmitter Layout/Design Article?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-15 22:00:58 UTC
From: w0vlz@...
Topic: 12955 Message: 12955

I'm trying to find a article I remember seeing, probably from the 50s or maybe early 60s. So far my search of the QST archives hasn't helped but maybe one of you recall the article/source.

Basically the article was a tube transmitter construction article but it started with discussing front panel and chassis layout/design options. Some of the possibilities the article recommended as better than others and explained why.

This sound familiar to anyone?

Niel - W0VLZ
http://w0vlz.blogspot.com/ http://w0vlz.blogspot.com/

12956. Re: [AWA Group] Transmitter Layout/Design Article?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-15 22:49:26 UTC
From: George
Topic: 12955 Message: 12956

Hi Niel,
Is that By Goodman's article from July 1951 QST on How to Layout a Transmitter?
That's a great reference and is part 1 of a 3 series on building a 1950's 2 tube MOPA.

73,
George N3GJ

> On Mar 15, 2016, at 6:00 PM, w0vlz@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> I'm trying to find a article I remember seeing, probably from the 50s or maybe early 60s. So far my search of the QST archives hasn't helped but maybe one of you recall the article/source.
>
> Basically the article was a tube transmitter construction article but it started with discussing front panel and chassis layout/design options. Some of the possibilities the article recommended as better than others and explained why.
>
> This sound familiar to anyone?
>
> Niel - W0VLZ
> http://w0vlz.blogspot.com/
>
>
>
>

12957. Re: [AWA Group] Transmitter Layout/Design Article?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-15 23:31:00 UTC
From: Niel - W0VLZ
Topic: 12955 Message: 12957

That's it, thanks George.

How to Lay Out a Transmitter - July '51
How to Build a Transmitter - Dec '51
How to Wire a Transmitter - Feb '52

Niel - W0VLZ

> Hi Niel,
> Is that By Goodman's article from July 1951 QST on How to Layout a
> Transmitter?
> That's a great reference and is part 1 of a 3 series on building a
> 1950's 2 tube MOPA.
>
> 73,
> George N3GJ
>
> On Mar 15, 2016, at 6:00 PM, w0vlz@...
> <mailto:w0vlz@...> [AWAGroup] <AWAGroup@yahoogroups.com
> <mailto:AWAGroup@yahoogroups.com>> wrote:
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> than others and explained why.
>
> This sound familiar to anyone?
>
> Niel - W0VLZ
> http://w0vlz.blogspot.com/
>
>

12958. Re: [AWA Group] Transmitter Layout/Design Article?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-16 00:59:49 UTC
From: Louis Vermond
Topic: 12955 Message: 12958

Sounds interesting, Niel Thank you for mentioning it. Great if someone having those issues would scan (large) and share here.

73, Lou

----- Original Message -----
From: Niel - W0VLZ w0vlz@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-03-15 7:31 PM
Subject: Re: [AWA Group] Transmitter Layout/Design Article?

That's it, thanks George.

How to Lay Out a Transmitter - July '51
How to Build a Transmitter - Dec '51
How to Wire a Transmitter - Feb '52

Niel - W0VLZ

> Hi Niel,
> Is that By Goodman's article from July 1951 QST on How to Layout a
> Transmitter?
> That's a great reference and is part 1 of a 3 series on building a
> 1950's 2 tube MOPA.
>
> 73,
> George N3GJ
>
> On Mar 15, 2016, at 6:00 PM, w0vlz@...
> <mailto:w0vlz@aggienetwork.com> [AWAGroup] <AWAGroup@yahoogroups.com
> <mailto:AWAGroup@yahoogroups.com>> wrote:
>
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>
> Basically the article was a tube transmitter construction article but
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> options. Some of the possibilities the article recommended as better
> than others and explained why.
>
> This sound familiar to anyone?
>
> Niel - W0VLZ
> http://w0vlz.blogspot.com/
>

>

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12959. Re: [AWA Group] 27 transmitting specs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-16 12:40:41 UTC
From: Louis Vermond
Topic: 12953 Message: 12959

Thank you for this posting, Jim. 73, Lou

The following specs for the '27 in General Purpose Receiving service comes from page 88 of the 1931 ARRL Handbook.

Output, 0.165watts
Plate Voltage 180
Plate Current 5 ma.
Suggest Grid bias -13.5 volts
Filament 2.5 vac, 1.75 amps
Amplification Factor (mu) 9
Plate Impedance 9000 ohms
Mutual Conductance 1000 micromhos

Neither the TNT nor the Hartley self-controlled oscillators shown in this Handbook mention using a '27. The TNT is "designed to use a Type '10 tube with a 500-volt d.c. plate supply and a 7.5-volt a.c. filament supply, or a type '01-A tube with a 135-volt d.c. plate supply and a 6-volt d.c. filament supply." However, the '01-A is also rated for General Purpose Receiving service and carries a Plate Voltage rating of 135 volts (at 3 ma.) (mu 8, Rp 10,000, Eg -9 v). So I suspect that the Handbook folks would not have exceeded 180 volts if they ran a '27 in one of these oscillators.

In the 1935 Handbook the 27 is rated with "Standard Receiving Tubes" as follows.

Description: Triode, Detector, Amplifier
Filament 2.5 volts, 1.75 amps
Plate Voltage 250
Negative Grid Volts 21
Plate Current 5.2 ma.
Plate Resistance 9250 Ohms
Mutual Conductance 975 Micromhos
Amplification Factor (mu) 9.0

In this Handbook the single-tube Hartley is no longer shown. The single tube TNT is there, and the tubes recommended for it are a 10 with a 500 volt plate supply, a 45 with a 350 volt plate supply, and a 01-A with a 135 volt plate supply.

Jim, W8KGI

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https://www.avast.com/antivirus

12960. Re: [AWA Group] Transmitter Layout/Design Article?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-16 14:57:51 UTC
From: Garey Barrell
Topic: 12955 Message: 12960
Attachments: 1 described; binary payloads are missing from this source WARC

Lou -

--
73, Garey - K4OAH
Rome, GA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

'Louis Vermond' ldvermond@... [AWAGroup] wrote:
> □
>
> Sounds interesting, Niel Thank you for mentioning it. Great if someone having those issues
> would scan (large) and share here.
> 73, Lou
>
> ----- Original Message -----
> *From:* Niel - W0VLZ w0vlz@... [AWAGroup]
> <mailto:w0vlz@...%20[AWAGroup]>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* 2016-03-15 7:31 PM
> *Subject:* Re: [AWA Group] Transmitter Layout/Design Article?
>
> That's it, thanks George.
>
> How to Lay Out a Transmitter - July '51
> How to Build a Transmitter - Dec '51
> How to Wire a Transmitter - Feb '52
>
> Niel - W0VLZ
>
> > Hi Niel,
> > Is that By Goodman's article from July 1951 QST on How to Layout a
> > Transmitter?
> > That's a great reference and is part 1 of a 3 series on building a
> > 1950's 2 tube MOPA.
> >
> > 73,
> > George N3GJ
> >
> > On Mar 15, 2016, at 6:00 PM, w0vlz@...
> > <mailto:w0vlz@...> [AWAGroup] <AWAGroup@yahoogroups.com
> > <mailto:AWAGroup@yahoogroups.com>> wrote:

> >
> > I'm trying to find a article I remember seeing, probably from the 50s
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> > Basically the article was a tube transmitter construction article but
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> > options. Some of the possibilities the article recommended as better
> > than others and explained why.
> >
> > This sound familiar to anyone?
> >
> > Niel - W0VLZ
> > http://w0vlz.blogspot.com/
> >
> >
>
>
> This email has been sent from a virus-free computer protected by Avast.
> www.avast.com
> <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>
>
>
>
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>
>

12961. Re: [AWA Group] Transmitter Layout/Design Article? [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-16 15:13:56 UTC
From: Bill Stewart
Topic: 12955 Message: 12961

Tnx from me too, Garey.
73 Bill K4JYS

----- Original Message -----

From: "Garey Barrell k4oah@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, March 16, 2016 10:57:51 AM
Subject: Re: [AWA Group] Transmitter Layout/Design Article? [1 Attachment]

Lou -

--
73, Garey - K4OAH
Rome, GA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

'Louis Vermond' ldvermond@... [AWAGroup] wrote:
>
>
> Sounds interesting, Niel Thank you for mentioning it. Great if someone having those
issues
> would scan (large) and share here.
> 73, Lou
>
> ----- Original Message -----
> *From:* Niel - W0VLZ w0vlz@... [AWAGroup]
> <mailto:w0vlz@...%20[AWAGroup]>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* 2016-03-15 7:31 PM
> *Subject:* Re: [AWA Group] Transmitter Layout/Design Article?
>
> That's it, thanks George.
>
> How to Lay Out a Transmitter - July '51
> How to Build a Transmitter - Dec '51
> How to Wire a Transmitter - Feb '52
>
> Niel - W0VLZ
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> > Hi Niel,
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> > Transmitter?

> > That's a great reference and is part 1 of a 3 series on building a
> > 1950's 2 tube MOPA.
> >
> > 73,
> > George N3GJ
> >
> > On Mar 15, 2016, at 6:00 PM, w0vlz@...
> > <mailto:w0vlz@...> [AWAGroup] <AWAGroup@yahoogroups.com
> > <mailto:AWAGroup@yahoogroups.com>> wrote:
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> > I'm trying to find a article I remember seeing, probably from the 50s
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> > but maybe one of you recall the article/source.
> >
> > Basically the article was a tube transmitter construction article but
> > it started with discussing front panel and chassis layout/design
> > options. Some of the possibilities the article recommended as better
> > than others and explained why.
> >
> > This sound familiar to anyone?
> >
> > Niel - W0VLZ
> > http://w0vlz.blogspot.com/
> >
> >
>
>
> This email has been sent from a virus-free computer protected by Avast.
> www.avast.com
> <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email
&utm_content=emailclient>
>
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>
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>

12962. Re: [AWA Group] Transmitter Layout/Design Article?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-16 15:22:20 UTC
From: Garey Barrell
Topic: 12955 Message: 12962

All -

Sorry, didn't mean to post that to all. I intended it to go to Lou to add to the files, or ....

So for the ones that want it, You're welcome!

For those who don't, my apologies...

--
73, Garey - K4OAH
Rome, GA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

12963. Power supplies

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-16 20:02:01 UTC
From: mattgoff54@...
Topic: 12963 Message: 12963

Is it a particularly bad idea to run an 80 rectifier tube on a 3A winding as opposed to the 2A?

Matt KC8ZQS

12964. Re: [AWA Group] Power supplies

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-16 20:16:36 UTC
From: Bill Stewart
Topic: 12963 Message: 12964

Matt,
Better to have it and not need it, than to need it and not have it...hi.
The extra 1 amp not a problem. Believe the '80 needs 2A fil. current.

73 Bill K4JYS

----- Original Message -----

From: "mattgoff54@...m [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, March 16, 2016 4:02:01 PM
Subject: [AWA Group] Power supplies

Is it a particularly bad idea to run an 80 rectifier tube on a 3A winding as opposed to the 2A?

Matt KC8ZQS

12965. Re: [AWA Group] Power supplies

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-16 23:07:02 UTC
From: Larry Szendrei
Topic: 12963 Message: 12965

On 3/16/16 4:02 PM, mattgoff54@... [AWAGroup] wrote:
>
> Is it a particularly bad idea to run an 80 rectifier tube on a 3A
> winding as opposed to the 2A?
>
No.

12966. Late eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-17 02:58:11 UTC
From: Louis Vermond
Topic: 12966 Message: 12966

http://www.ebay.ca/itm/Hammarlund-shortwave-radio-coil-set-Code-SWK-6-6-pin-type-original-box-/281965628436?hash=item41a6760c14:g:uIgAAOSwAuNW5kMu

---
This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12967. TEST

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-17 23:53:41 UTC
From: dulmagedon@...
Topic: 315 Message: 12967

```
time 8 pm
mode AM
freq 3616
```

12968. Crystal Etching

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-18 17:08:54 UTC
From: JAMES HANLON
Topic: 12968 Message: 12968

There's been a bit of discussion on the list recently about crystal grinding, so when I ran across an article about Crystal Etching this morning I thought I would pass it along.

The article is, "A Safe Method for Etching Crystals" by Albert J. Newland, W2IHW. It originally appeared in QST, January 1958, and it was republished in the ARRL book, Single Sideband for the Radio Amateur, pp 52-53. Newland describes using an ammonium bifluoride solution to etch FT-243 type crystals. His particular solution is reported to move a crystal (of unspecified original frequency) about 100 kc in 10 hours of etching. One hour of etching moves the crystal about 25 kc.

If you are interested in the article I'll gladly scan it and forward it to you.

Jim Hanlon, W8KGI
knjhanlon@...

12969. eBay Alert "Goodstuff"

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-19 13:36:50 UTC
From: Louis Vermond
Topic: 12969 Message: 12969

http://www.ebay.com/sch/goodstuff607607/m.html?item=252319528728&hash=item3abf6a7718%3Ag%3AvMsAAOSwyjBW5f9b&rt=nc&_trksid=p2047675.l2562

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12970. Favourite tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-20 17:22:24 UTC
From: dulmagedon@...
Topic: 12970 Message: 12970

SO I am rethinking a couple of things. One is my tube choice. I prefer the 201A tubes and that is fine as they work well in the BK on the low power times and I feel I give little if anything away. I have quite a few but dont pass up too many chances to improve that stockpile. When I step up one I use 45s. Probably because my brother gave me a handful of them many years ago and one turned out to be Ok. I used it for awhile . In fact it died one night when I was tuning up for a sched with Lou. I got a replacement from Lou and it was and still is good. I have since got two more. One is IFFY and one is a when you're desperate tube. I used to be able to buy them new but no more. They seem to lose their punch after a while (201As don't care. They are the Timex of tubes. Take a licking and keep on ticking) Now 45s are way up in price compared to even a year ago. No 10s seem to be popular with many of you so I want to know. Are they robust like a 201A or are they touchy like a 45 (171As are also iffy sometimes) Has anyone had a bum 10 or had a recent failure ? I wanna know before I part with some gold.
donVe3LYX

12971. Re: [AWA Group] Favourite tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-20 18:36:45 UTC
From: Bill Stewart
Topic: 12970 Message: 12971

Don, I am also a believer in the robustness of the '01As. My first BK rig was the '29 TNT. Even then, abt 15 yrs ago, I didn't like the prices of the '10s, so went to the '01A (wish I'd bought a few '10s back then). I was real skittish abt the B+ so for the first yr or two kept it at about 180vdc or so. Now I run the TNT at probably 250 and also use an '01A in the 160m 1924 Meissner ckt and at a bit over 300vdc. I have read in the old QSTs that much higher B+ values was used on the '01As. So far have not blown an '01A (or a '10). So, I am a firm believer that the '01As are tuff little tubes and should be used more for our BK rigs.

Also, I assume in your quest for the '10, you are also including the VT-25...which is a '10 in modern dress (ST style).....GL, 73 de Bill K4JYS

----- Original Message -----

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Sunday, March 20, 2016 1:22:24 PM
Subject: [AWA Group] Favourite tube

SO I am rethinking a couple of things. One is my tube choice. I prefer the 201A tubes and that is fine as they work well in the BK on the low power times and I feel I give little if anything away. I have quite a few but dont pass up too many chances to improve that stockpile. When I step up one I use 45s. Probably because my brother gave me a handful of them many years ago and one turned out to be Ok. I used it for awhile . In fact it died one night when I was tuning up for a sched with Lou. I got a replacement from Lou and it was and still is good. I have since got two more. One is IFFY and one is a when you're desperate tube. I used to be able to buy them new but no more. They seem to lose their punch after a while (201As don't care. They are the Timex of tubes. Take a licking and keep on ticking) Now 45s are way up in price compared to even a year ago. No 10s seem to be popular with many of you so I want to know. Are they robust like a 201A or are they touchy like a 45 (171As are also iffy sometimes) Has anyone had a bum 10 or had a recent failure ? I wanna know before I part with some gold.
donVe3LYX

12972. Re: [AWA Group] Favourite tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-20 19:26:44 UTC
From: dulmagedon@...
Topic: 12970 Message: 12972

Yes Bill. I knew you were also a 201A fella. I read once where a guy claimed he had a 1000 volts on one. I would be nervous there but run mine at 282v keydown all the time.I guess I wouldn't whimp out even at 420v or so.
I have been looking at building a push pull self rectified one. I have an article form 1930 detailing why that works and how to do it. it claims it should be indistinguishable from a filtered DC supply if done as they say and should have no trouble falling in line with the new 1929 rules.
I could use the newer militatry version of the 10 but it just doesnt look right. some of my 45s are that style do. Doesn't seem right. But my gut feeling follows your opinion exactly.
donVe3LYX

12973. Re: [AWA Group] Favourite tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-20 19:30:00 UTC
From: aflowers@frontiernet.net
Topic: 12970 Message: 12973

Does anyone have any experience with the older brass-based UV-201A's as far as their robustness and plate voltage? One thing on my punch list is to build a "1924" transmitter along the lines of what my great grandfather might have had. He's listed as having a "5W" transmitter in the 1924 callbook, which probably indicates a CW transmitter and something like a UV-201/A, but that's just speculation. I'm comfortable working with a little historical fiction, and it seems like a reasonable goal that probably doesn't have me searching for unobtainium at premium prices. The audiophile/tube-collector triangulation seems to be manageable.
As much fun as an older UV201/202 combination would be, it looks like the tungsten filaments might have short lives. Am I correct in that all the "A" suffix brass-based 201's have thoriated fillaments? How about gas problems? Since I would plan on actually using such a tube rather than having it look pretty on a shelf I'm interested in any operational experience with such old tubes.
Andy K0SM/2

On Sunday, March 20, 2016 2:37 PM, "Bill Stewart cwopr@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  Don, I am also a believer in the robustness of the '01As. My first BK rig was the '29 TNT. Even then, abt 15 yrs ago, I didn't like the prices of the '10s, so went to the '01A (wish I'd bought a few '10s back then). I was real skittish abt the B+ so for the first yr or two kept it at about 180vdc or so. Now I run the TNT at probably 250 and also use an '01A in the 160m 1924 Meissner ckt and at a bit over 300vdc.
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Also, I assume in your quest for the '10, you are also including the VT-25...which is a '10 in modern dress (ST style).....GL, 73 de Bill K4JYS

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To: AWAGroup@yahoogroups.com
Sent: Sunday, March 20, 2016 1:22:24 PM
Subject: [AWA Group] Favourite tube

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like a 45 (171As are also iffy sometimes) Has anyone had a bum 10 or had a recent failure ? I wanna know before I part with some gold.
donVe3LYX

12974. Re: [AWA Group] Favourite tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-20 20:36:50 UTC
From: Louis Vermond
Topic: 12970 Message: 12974

Does anyone have any experience with the older brass-based UV-201A's as far as their robustness and plate voltage? One thing on my punch list is to build a "1924" transmitter along the lines of what my great grandfather might have had. He's listed as having a "5W" transmitter in the 1924 callbook, which probably indicates a CW transmitter and something like a UV-201/A, but that's just speculation. I'm comfortable working with a little historical fiction, and it seems like a reasonable goal that probably doesn't have me searching for unobtainium at premium prices. The audiophile/tube-collector triangulation seems to be manageable.

As much fun as an older UV201/202 combination would be, it looks like the tungsten filaments might have short lives. Am I correct in that all the "A" suffix brass-based 201's have thoriated fillaments? How about gas problems? Since I would plan on actually using such a tube rather than having it look pretty on a shelf I'm interested in any operational experience with such old tubes.

Andy K0SM/2

Hi Andy,

I've enjoyed your new OT rig adventures.

"5W" transmitter in the 1924 callbook ... In '24 a 5W(after) rig would have a UX-202. I'm sure others here would verify this. If you would not have to skip any meals suggest that you go nuts and get one. As you may know, price out about $150-75 depending on condx etc. ...about the cost of a 210...but not as sexy. You could use the 202 for Special QSOs using a 10 or 201a the rest of the time.

U / X-201As? 300B+ would be interesting.

73, Lou
VE3AWA

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https://www.avast.com/antivirus

12975. Re: [AWA Group] Favourite tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-20 21:11:58 UTC
From: dulmagedon@...
Topic: 12970 Message: 12975

I don't know about the UV 201s but the 201As are as close to indestructible as a tube can be, I run them 6 volts too. most of the old neutrodynes which is where I fnd them were often run of the car battery for heaters. you gotta know that many people accidentally or uninformedly ran them at 6 volts or slightly more and never gave it a second thought. Then I found an old article on how to rejuvenitate them running them for a couple of hours at absolutely insane voltage on the heaters. Another place said to run them 8 hours at 7.5 then let hem cool and run them at normal. It was then I realized I can run them safely at "Approx 5 volts" so they have been at 6v ever since. I have yet to lose one although eventually that is inevitable. I suspect they are tungsten filaments because the 45s are thoriated and they just can't wait to die or even blow even at 2.5 volts. Very fragile tube in my experience. 201As just dont care. They work.
donVe3LYX

12976. Re: [AWA Group] Favourite tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-20 21:52:30 UTC
From: Larry Szendrei
Topic: 12970 Message: 12976

On 3/20/16 5:11 PM, dulmagedon@... [AWAGroup] wrote:
>
> I don't know about the UV 201s but the 201As are as close to
> indestructible as a tube can be, I run them 6 volts too. most of the
> old neutrodynes which is where I fnd them were often run of the car
> battery for heaters. you gotta know that many people accidentally or
> uninformedly ran them at 6 volts or slightly more and never gave it a
> second thought. Then I found an old article on how to rejuvenitate
> them running them for a couple of hours at absolutely insane voltage
> on the heaters. Another place said to run them 8 hours at 7.5 then let
> hem cool and run them at normal.
>
But you shouldn't run those high voltages on them when you have plate voltage applied, or you risk shortening the life of the tube dramatically. The rejuvenation process does risk burning out the filament, but here we're talking about a tube that is dead anyway unless we try it, so there's nothing to lose.

> It was then I realized I can run them safely at "Approx 5 volts" so
> they have been at 6v ever since.
>
The common practice was to use a 6V storage battery, yes, but to drop the voltage to 5V with a rheostat. The rheostat also allowed one to adjust for 5V as the batter lost its charge.

> I have yet to lose one although eventually that is inevitable. I
> suspect they are tungsten filaments because the 45s are thoriated and
> they just can't wait to die or even blow even at 2.5 volts.
>
UV201's are tungsten (not thoriated), UV201As are thoriated tungsten, and 45s are tungsten coated with rare-earth oxides so that they are good emitters at even lower voltages than thoriated tungsten. But they are more fragile.

> Very fragile tube in my experience. 201As just dont care. They work.
>

I haven't found 45s to be fragile as long as you keep the filaments as close as possible to 2.5V. I accidentally put 7.5V on a pair several years ago, for under a minute until I realized my error, without any plate voltage applied. It didn't burn out the filaments but after that they had no emission and wouldn't amplify. I think it "boiled" the oxide coating off the filament.

73,
-Larry/NE1S

12977. Re: [AWA Group] Favourite tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-20 23:34:12 UTC
From: Leonard Meek
Topic: 12970 Message: 12977

The Amateur Scientist section of Scientific American Magazine had an article years ago that used an 01A at high voltage to generate Xrays. Maybe some caution should be exercised when operating the 01A (or any other tube) at voltages higher that rated values. Some tubes emit Xrays even at rated voltages, like the HV voltage regulator in early color TV's.

Leonard

----- Original Message -----
From: Larry Szendrei ne1s@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Sunday, March 20, 2016 11:52 AM
Subject: Re: [AWA Group] Favourite tube

On 3/20/16 5:11 PM, dulmagedon@... [AWAGroup] wrote:

I don't know about the UV 201s but the 201As are as close to indestructible as a tube can be, I run them 6 volts too. most of the old neutrodynes which is where I fnd them were often run of the car battery for heaters. you gotta know that many people accidentally or uninformedly ran them at 6 volts or slightly more and never gave it a second thought. Then I found an old article on how to rejuvenitate them running them for a couple of hours at absolutely insane voltage on the heaters. Another place said to run them 8 hours at 7.5 then let hem cool and run them at normal.

But you shouldn't run those high voltages on them when you have plate voltage applied, or you risk shortening the life of the tube dramatically. The rejuvenation process does risk burning out the filament, but here we're talking about a tube that is dead anyway unless we try it, so there's nothing to lose.

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The common practice was to use a 6V storage battery, yes, but to drop the voltage to 5V with a rheostat. The rheostat also allowed one to adjust for 5V as the batter lost its charge.

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UV201's are tungsten (not thoriated), UV201As are thoriated tungsten, and 45s are tungsten coated with rare-earth oxides so that they are good emitters at even lower voltages than thoriated tungsten. But they are more fragile.

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after that they had no emission and wouldn't amplify. I think it "boiled" the oxide coating off the filament.

73,
-Larry/NE1S

12978. Re: [AWA Group] Favourite tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-21 03:04:03 UTC
From: dulmagedon@...
Topic: 12970 Message: 12978

You know it doesn't really matter to me. Sure they were intended as a 5 volt tube. But somehow I know many were run a little hot because grandma and grandpaw couldn't see the "set to this line" printing on the meter if it had one and most didn't so it doesn't take genius to realize many if not most were run where they sounded the best. However nothing wrong with being careful.
Anyway I run them as I run them. My 45 experiences have been similar. One mistake and they become a shelf queen in a heartbeat. They are a pretty good tube when they are good but intolerant of any error. Like I said before the 201A s don't care. I guess I want to know are the 10s robust or are they easily damaged like the 45 tubes are.
donVe3LYX

12979. eBay Socket Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-21 10:43:14 UTC
From: Louis Vermond
Topic: 12979 Message: 12979
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/Vintage-4-and-5-Pin-Radio-Tube-Sockets-Qty-of-28-Mostly-Bread-Board-Types-/262344820214?hash=item3d14f845f6:g:uXwAAOSwoudW7xBX

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12980. eBay ER210 Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-21 10:54:37 UTC
From: Louis Vermond
Topic: 12980 Message: 12980
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.ca/itm/NOS-NIB-Eveready-Raytheon-ER210-Globe-Type-10-Triode-Tube-Embossed-Box-Plate-/151988382283?hash=item236336aa4b:g:B9gAAOSwKtVWxpqf

N4FS... How rare is this?

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https://www.avast.com/antivirus

12981. RE: [AWA Group] eBay ER210 Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-21 11:24:41 UTC
From: Mike Feher
Topic: 12980 Message: 12981
Attachments: 1 described; binary payloads are missing from this source WARC

In that condition with the box it is pretty scarce, but I would not say rare. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, March 21, 2016 6:55 AM
To: AWAGroup
Subject: [AWA Group] eBay ER210 Alert

<http://www.ebay.ca/itm/NOS-NIB-Eveready-Raytheon-ER210-Globe-Type-10-Triode-Tube-Embossed-Box-Plate-/151988382283?hash=item236336aa4b:g:B9gAAOSwKtVWxpqf>
http://www.ebay.ca/itm/NOS-NIB-Eveready-Raytheon-ER210-Globe-Type-10-Triode-Tube-Embossed-Box-Plate-/151988382283?hash=item236336aa4b:g:B9gAAOSwKtVWxpqf

N4FS... How rare is this?

NOS-NIB-Eveready-Raytheon-ER210-Globe-Type-10-Triode-Tube-Embossed-Box-Plate

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<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

12982. Re: [AWA Group] eBay ER210 Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-21 11:59:26 UTC
From: Louis Vermond
Topic: 12980 Message: 12982
Attachments: 1 described; binary payloads are missing from this source WARC

Thank you and good morning, Mike. Too bad tho that the electrode assembly is that far off centre.

After 5 or so days of sorta spring, winter has returned.

----- Original Message -----
From: 'Mike Feher' n4fs@eozinc.com [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-03-21 7:24 AM
Subject: RE: [AWA Group] eBay ER210 Alert

In that condition with the box it is pretty scarce, but I would not say rare. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, March 21, 2016 6:55 AM
To: AWAGroup
Subject: [AWA Group] eBay ER210 Alert

http://www.ebay.ca/itm/NOS-NIB-Eveready-Raytheon-ER210-Globe-Type-10-Triode-Tube-Embossed-Box-Plate-/151988382283?hash=item236336aa4b:g:B9gAAOSwKtVWxpqf

N4FS... How rare is this?

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https://www.avast.com/antivirus

12983. RE: [AWA Group] eBay ER210 Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-21 12:02:30 UTC
From: Mike Feher
Topic: 12980 Message: 12983

GM also. It does not look bad at all as far as being off center. Sometimes a gentle tap against the palm can correct that. Yes, we had about 2", so, could have been worse. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, March 21, 2016 7:59 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay ER210 Alert

Thank you and good morning, Mike. Too bad tho that the electrode assembly is that far off centre.

After 5 or so days of sorta spring, winter has returned.

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup]
<mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2016-03-21 7:24 AM

Subject: RE: [AWA Group] eBay ER210 Alert

In that condition with the box it is pretty scarce, but I would not say rare. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

12984. Re: [AWA Group] eBay ER210 Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-21 12:26:52 UTC
From: Louis Vermond
Topic: 12980 Message: 12984

GM also. It does not look bad at all as far as being off center.

Sometimes a gentle tap against the palm can correct that. Yes, but tapping a $300 CDN tube...I don't know!

Yes, we had about 2 ... Here, just a "dusting"

... could have been worse. Worse is good. Keeps my away from digging flower beds etc, and in the shop!

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https://www.avast.com/antivirus

12985. One more try

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-21 13:41:06 UTC
From: dulmagedon@...
Topic: 12985 Message: 12985

Some may remember my recent UV199 experiment. It was unsuccessful using either of the two used Uv199 I was able to come up with but when I built an adapter for a 201A and popped it in I got very good reports so I know the Tx is good. I was able to score two NIB uv199 tubes for less then I paid for the duds and they have been shipped so it will be interesting to see how it pans out. I had been tempted to change the socket for a UX4 style but built the adapter instead from a dud UV199 and a 4 pin socket so it is simply a matter of installing one when it gets here. I am hoping it works. I still have my 3 volt heater supply at the ready. If it does I may be tempted to build a matching regen with the other tube.
donVe3LYX

12986. Re: [AWA Group] Favourite tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-21 14:09:13 UTC
From: Larry Szendrei
Topic: 12970 Message: 12986

On 3/20/16 11:04 PM, dulmagedon@... [AWAGroup] wrote:
>
> You know it doesn't really matter to me. Sure they were intended as a
> 5 volt tube. But somehow I know many were run a little hot because
> grandma and grandpaw couldn't see the "set to this line" printing on
> the meter if it had one and most didn't so it doesn't take genius to
> realize many if not most were run where they sounded the best. However
> nothing wrong with being careful.
> Anyway I run them as I run them. My 45 experiences have been similar.
> One mistake and they become a shelf queen in a heartbeat. They are a
> pretty good tube when they are good but intolerant of any error. Like
> I said before the 201A s don't care. I guess I want to know are the
> 10s robust or are they easily damaged like the 45 tubes are.
> donVe3LYX
>
>
I haven't a lot of experience with 10s.

But FWIW they have a thoriated-tungsten filament (I'm not sure about
some of the earliest UV-210s, which MIGHT be just tungsten).

12987. Re: [AWA Group] Favourite tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-21 14:43:13 UTC
From: Jon Delventhal
Topic: 12970 Message: 12987

Don,

The 210 and the 45 each has strengths and weaknesses.
The 210 is more durable electrically - if you damage the emissive layer, (for example, by drawing as much current than the filament can emit) the filament can be rejuvenated just like the 01A. Thoriated tungsten filaments are more tolerant of high plate voltages compared to the oxide coated filament of the 45..
The 45 has a heavy ribbon filament that is mechanically much stronger than the thin brittle filament of the 210. The death of a 45 will most often be the filament losing its emissive ability, while the death of the 210 will likely be the filament opening, just like the 01A.

In my experience, the 45 is long-lived. I put a pair of well used globe 45 tubes in an audiophool amplifier. After about 2000 hrs of additional use, they still work fine. But they were subjected to filament voltages within spec and a conservative plate voltage.
Jon

From: "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, March 21, 2016 9:09 AM
Subject: Re: [AWA Group] Favourite tube

> On 3/20/16 11:04 PM, dulmagedon@... [AWAGroup] wrote:
>
> You know it doesn't really matter to me. Sure they were intended as a 5 volt tube. But somehow I know many were run a little hot because grandma and grandpaw couldn't see the "set to this line" printing on the meter if it had one and most didn't so it doesn't take genius to realize many if not most were run where they sounded the best. However nothing wrong with being careful.
> Anyway I run them as I run them. My 45 experiences have been similar. One mistake and they become a shelf queen in a heartbeat. They are a pretty good tube when they are good but intolerant of any error. Like I said before the 201A s don't care. I guess I want to know are the 10s robust or are they easily damaged like the 45 tubes are.
> donVe3LYX

I haven't a lot of experience with 10s.

But FWIW they have a thoriated-tungsten filament (I'm not sure about some of the earliest UV-210s, which MIGHT be just tungsten).

12988. Re: Favorite Tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-21 15:55:13 UTC
From: JAMES HANLON
Topic: 12988 Message: 12988

Don,

I've had good experience with the '10. I run a UX-210 in my Hartley and a pair of VT-25 10Ys in my MOPA. I run around 300 volts, regulated, on the oscillators and 480 volts on the amplifier in my MOPA. I keep the filaments at 7.5 vac. They all give good service without complaint. I did have one VT-25 that was gassy when I got it, but what can you do... Harold, KB0ROB, gave me the 10Ys and I helped him with coils for his SW-3, a nice trade.

There's one thing you might want to do if you are concerned about a precious '10. Get an 801, which is early 30s vintage and just a more rugged version of the '10 intended for transmitter service, and use it for tune up, experimentation, and day-to-day service. Reserve the '10 for contest work where you need its 1929 vintage authenticity. An 801 is usually available for a lot less than a '10.

73,
Jim, W8KGI

12989. Re: [AWA Group] Re: Favorite Tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-21 16:11:51 UTC
From: Don Dulmage
Topic: 12988 Message: 12989

Thanks everyone for the info. Now just for the record I don't want anyone to think I dont watch heater most voltages very carefully. It is just that I know the 201A doesn't care and actually likes the high side of between 5 and 6 with no loss of reliability and since it is easy do, I do. My 45s I am very careful with because they are easily damaged. I have three. One is very good and one ok. and one that is useless. I look at the10 specs often and really don't see any huge advantage over the 45. However if it was more robust I might be moved. For now I think I will just stay put. I have more old style rigs then fingers so I should settle down perhaps. They are just so much fun and easy to build. The 801 is an interesting idea.
donVe3LYX

On Mon, 3/21/16, JAMES HANLON knjhanlon@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] Re: Favorite Tube
To: "AWA Group" <awagroup@yahoogroups.com>
Received: Monday, March 21, 2016, 11:55 AM

Don,

I've had good experience with the
'10. I run a UX-210 in my Hartley and a pair of VT-25
10Ys in my MOPA. I run around 300 volts, regulated, on the
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than a '10.

73,
Jim, W8KGI

12990. Re: [AWA Group] Re: Favorite Tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-21 16:52:25 UTC
From: Ron Barlow
Topic: 12988 Message: 12990

Hi Jim et all,Perhaps this price list isn't typical, but FWIW, ESRC lists 801s at $75, vs $70 for the type 10. (Both well beyond my very flat pocketbook! --- Thus, I will continue to use my pre-owned and pre-used 27's!---less than $1 each at a long ago, but not forgotten Ten-Tec hamfest). Coincidently, there was mention of using a triode connected 6L6 (low mu connection--screen grid connected to plate), as a replacement for the 801, in a recent posting on the Glowbug list. 73 de ron n4gjv

On Monday, March 21, 2016 12:11 PM, "Don Dulmage dulmagedon@yahoo.ca [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Thanks everyone for the info. Now just for the record I don't want anyone to think I dont watch heater most voltages very carefully. It is just that I know the 201A doesn't care and actually likes the high side of between 5 and 6 with no loss of reliability and since it is easy do, I do. My 45s I am very careful with because they are easily damaged. I have three. One is very good and one ok. and one that is useless. I look at the10 specs often and really don't see any huge advantage over the 45. However if it was more robust I might be moved. For now I think I will just stay put. I have more old style rigs then fingers so I should settle down perhaps. They are just so much fun and easy to build. The 801 is an interesting idea.
donVe3LYX

On Mon, 3/21/16, JAMES HANLON knjhanlon@msn.com [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] Re: Favorite Tube
To: "AWA Group" <awagroup@yahoogroups.com>
Received: Monday, March 21, 2016, 11:55 AM

Don,

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'10. I run a UX-210 in my Hartley and a pair of VT-25
10Ys in my MOPA. I run around 300 volts, regulated, on the
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without complaint. I did have one VT-25 that was gassy
when I got it, but what can you do... Harold, KB0ROB, gave
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There's
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precious '10. Get an 801, which is early 30s vintage
and just a more rugged version of the '10 intended for
transmitter service, and use it for tune up,
experimentation, and day-to-day service. Reserve the

'10 for contest work where you need its 1929 vintage authenticity. An 801 is usually available for a lot less than a '10.

73,
Jim, W8KGI

12991. Re: [AWA Group] Favourite tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-21 18:26:17 UTC
From: Bill Stewart
Topic: 12970 Message: 12991

Hi Andy,
I haven't used the brass base '01A but I am using a C-301A which is from around 1924 in a HB Meissner osc from a 1924 QST article. Its a bit of an odd circuit, but I finally got it going and use it on 160mtrs. I am getting a couple of watts output into a 160m coax fed inv L. I run around 325vdc for B+. Have worked from FL up into VE3. As, think it was, Lou mentioned, the '5 watter' was probably a 202. I have a couple of 202s, with good fils., but haven't been able to get them to oscillate. Boy, they are a real light show....fils. very bright. May just stick with the C-301A. Having plenty of fun with it.
GL...73 de Bill K4JYS

----- Original Message -----

From: "'aflowers@...' aflowers@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Sunday, March 20, 2016 3:30:00 PM
Subject: Re: [AWA Group] Favourite tube

Does anyone have any experience with the older brass-based UV-201A's as far as their robustness and plate voltage? One thing on my punch list is to build a "1924" transmitter along the lines of what my great grandfather might have had. He's listed as having a "5W" transmitter in the 1924 callbook, which probably indicates a CW transmitter and something like a UV-201/A, but that's just speculation. I'm comfortable working with a little historical fiction, and it seems like a reasonable goal that probably doesn't have me searching for unobtainium at premium prices. The audiophile/tube-collector triangulation seems to be manageable.

As much fun as an older UV201/202 combination would be, it looks like the tungsten filaments might have short lives. Am I correct in that all the "A" suffix brass-based 201's have thoriated fillaments? How about gas problems? Since I would plan on actually using such a tube rather than having it look pretty on a shelf I'm interested in any operational experience with such old tubes.

Andy K0SM/2

On Sunday, March 20, 2016 2:37 PM, "Bill Stewart cwopr@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Don, I am also a believer in the robustness of the '01As. My first BK rig was the '29 TNT. Even then, abt 15 yrs ago, I didn't like the prices of the '10s, so went to the '01A (wish I'd bought a few '10s back then). I was real skittish abt the B+ so for the first yr or two kept it at about 180vdc or so. Now I run the TNT at probably 250 and also use an '01A in the 160m 1924 Meissner ckt and at a bit over 300vdc. I have read in the old QSTs that much higher B+ values was used on the '01As. So far have not blown an '01A (or a '10). So, I am a firm believer that the '01As are tuff little tubes and should be used more for our BK rigs.

Also, I assume in your quest for the '10, you are also including the VT-25...which is a '10 in modern dress (ST style)......GL, 73 de Bill K4JYS

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Sunday, March 20, 2016 1:22:24 PM
Subject: [AWA Group] Favourite tube

SO I am rethinking a couple of things. One is my tube choice. I prefer the 201A tubes and that is fine as they work well in the BK on the low power times and I feel I give little if anything away. I have quite a few but dont pass up too many chances to improve that stockpile. When I step up one I use 45s. Probably because my brother gave me a handful of them many years ago and one turned out to be Ok. I used it for awhile . In fact it died one night when I was tuning up for a sched with Lou. I got a replacement from Lou and it was and still is good. I have since got two more. One is IFFY and one is a when you're desperate tube. I used to be able to buy them new but no more. They seem to lose their punch after a while (201As don't care. They are the Timex of tubes. Take a licking and keep on ticking) Now 45s are way up in price compared to even a year ago. No 10s seem to be popular with many of you so I want to know. Are they robust like a 201A or are they touchy like a 45 (171As are also iffy sometimes) Has anyone had a bum 10 or had a recent failure ? I wanna know before I part with some gold.
donVe3LYX

12992. Meissner OSC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-21 23:50:32 UTC
From: dulmagedon@...
Topic: 12992 Message: 12992

Bill, I am curious about the Meissner. It is my understnding the tank LC is in the plate circuit and the tickler in the grid circuit but that may be just rumour. Is that so or is your circuit something different?
donVe3LYX

12993. eBay Alert odd that

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-22 11:53:11 UTC
From: Louis Vermond
Topic: 12993 Message: 12993

http://www.ebay.com/itm/AMECO-AC-1-based-transmitter-with-russian-parts-UNFINISHED-REPLICA-KIT-/231885378210?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12994. Re: [AWA Group] Re: Favorite Tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-22 12:04:55 UTC
From: Larry Szendrei
Topic: 12988 Message: 12994

On 3/21/16 12:11 PM, Don Dulmage dulmagedon@... [AWAGroup] wrote:
>
> I look at the10 specs often and really don't see any huge advantage
> over the 45.
>

The 10 can take higher plate voltages and run safely as higher power than the 45. But within a 45's plate voltage rating, you'll actually get more power out of a 45 than a 10 under those conditions.
>
> The 801 is an interesting idea.
>

Yep, nice tube, I've got a pair I sometimes run in the TNT when not running the BK. But they're not cheap, either, these days. I bought mine when they were being sold by Fair Radio for a buck or 2 apiece. I was in college then.

73,
-Larry/NE1S

12995. eBay Alert ... this is interesting

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-22 12:07:42 UTC
From: Louis Vermond
Topic: 12995 Message: 12995
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/Antique-Vintage-Small-Tube-Radio-2-Tube-Pup/201545250279?_trksid=p2047675.c100010.m2109&_trkparms=aid%3D555012%26algo%3DPW.MBE%26ao%3D2%26asc%3D20131231084308%26meid%3D6edde5d11f4f4253a5a6348a7ac587e8%26pid%3D100010%26rk%3D1%26rkt%3D24%26sd%3D141936268602

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https://www.avast.com/antivirus

12996. Re: [AWA Group] Re: Favorite Tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-22 13:20:18 UTC
From: dulmagedon@...
Topic: 12988 Message: 12996

Yes, I have no complaints on the 45s output. I guess I have one transmitter that only real good ones work in although any 201A works there. Deep in my head I think I don't like that all my good 45s are ST instead of Balloons. I thought about a easy high power tube for some of the rigs to sub in when not BK ing. You know a 811A fits and with a cap and a clip lead for $37.95 is a quick fix. But now with the two 211 rigs it is kind pointless to bother. Besides it isnt power that is the problem. It is getting an answer. You may be able to ring the bell on the RBN or the SDR Mich remote but if one of us is not listening we often don't get reply except from the curious or the senior hams who still remember that wonderful sound. That is why co-operate testing like we did that Sat is so good. We got the job done easily and quickly and then we all had some fun too. Any day you can help a pal out and have fun as well is a good day.
donVe3LYX

12997. 210 Lud

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-22 13:03:42 UTC
From: Louis Vermond
Topic: 12997 Message: 12997
Attachments: 1 described; binary payloads are missing from this source WARC

FYI

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https://www.avast.com/antivirus

12998. 801A on ebay

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-22 16:57:12 UTC
From: JAMES HANLON
Topic: 12998 Message: 12998

There is an 801A on ebay now. As of 3/22/2015, 10:54 a.m. it will be available for another 5 days, 7 hours. It's current price is $0.99 plus $6.28 shipping. The title of the listing is "1 vintage Hytron VT-62 801A tube-tested- 10Y". The category breakdown of the listing is Consumer Electronics/Vintage Electronics/Vintage Audio & Video/ Vintage Parts & Accessories/Vintage Tubes & Tubes Sockets.

Jim, W8KGI

12999. Re: [AWA Group] 210 Lud [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-22 20:40:13 UTC
From: Larry Szendrei
Topic: 12997 Message: 12999

Gud info, Lou, thanks. From Tube Lore, or his column in the OTB?

13000. Re: [AWA Group] Meissner OSC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-22 21:57:11 UTC
From: Bill Stewart
Topic: 12992 Message: 13000

Hi Don,
The version I built was the four coil configuration. The tank coil is split in half and each half is at right angles to each other to reduce coupling. The grid coil goes into one half of the tank coil and is rota-table. A plate coil goes into the other half of the tank coil and is moveable. These smaller coils can be adjusted for coupling. The only 'connection' the tank coil has back to the plate and grid is thru the small coupling coils. The tank coil is 1/4" copper tubing and around 5" or so in dia. I added a coupling coil at the bottom end of the tank coil...6-8 turns of #12 copper wire, I think it is, so I can couple to the coax fed 160m inv. L. Also have a var. cond. there for antenna tuning. If interested, I can send along a pix or two and can also scan the article if needed.....July 1924 QST, pg 49. Another config. is the three coil version. Another article was in May 1924 QST...pg 18. From what I read, the 4-coil version is the better of the two. Like most of these rigs, anything ya adjust will move the freq. But I have found on this one, that once set up, the freq is very stable...no drift. However, most any amount of antenna/feedline movement will cause that beautiful 'wind modulation'. I am using a pair of CX-316Bs as rectifiers with no filter choke....just condensers and a bleeder...note is good, and very little chirp.
Those rectifiers light up like '02s...and are much bigger & brighter than the lil '01A... sorta gives me a chuckle when I compare the sizes.

This was sorta of a hodge-podge explanation so if ya need any more info, let me know.
73 de Bill K4JYS

----- Original Message -----

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, March 21, 2016 7:50:32 PM
Subject: [AWA Group] Meissner OSC

Bill, I am curious about the Meissner. It is my understnding the tank LC is in the plate circuit and the tickler in the grid circuit but that may be just rumour. Is that so or is your circuit something different?
donVe3LYX

13001. Re: [AWA Group] Meissner OSC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-22 22:36:02 UTC
From: dulmagedon@...
Topic: 12992 Message: 13001

Thanks Bill,
A photo would be nice I think. You must have put a lot of work into that. Is that what you used in The BK?
donVe3LYX

13002. Re: [AWA Group] Meissner OSC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-22 23:06:34 UTC
From: Bill Stewart
Topic: 12992 Message: 13002
Attachments: 3 described; binary payloads are missing from this source WARC

Here ya go Don.
As you can see, its a rats nest. But this project has been going on for several years.... for no other reason than its working and I'm lazy. I do intend to rebuild it for a better look, but who knows when....hi. The pix were taken before I made the p/s....using a Heath bench supply here. The little 'chassis' on the left is for fil. adjustment which I run at 5vac. And, yes, I used this rig in the BK on 160m. It did take a while to get things running on the right freq. I had to add a turn or two to the tank coil halves, but the coupling coils I left as suggested in the article. If it ever gets out of adjustment,
it takes a while to get the tuning condensers back to the sweet spot for freq. and pwr output. Also, I have found on this one, that if the plate current gets to 20ma or more the note gets ruff, so I can usually find a sweet spot at a lower current that gives a good note and pwr out. I think the last time I ran it, I was able to get about 2 watts out.

73 de Bill K4JYS

----- Original Message -----

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, March 22, 2016 6:36:02 PM
Subject: Re: [AWA Group] Meissner OSC

Thanks Bill,
A photo would be nice I think. You must have put a lot of work into that. Is that what you used in The BK?
donVe3LYX

13003. Re: [AWA Group] Meissner OSC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-23 01:53:20 UTC
From: dulmagedon@...
Topic: 12992 Message: 13003

WOW! A lot of time and effort has gone into that! , Pretty impressive. I would leave it like it is. Looks fine to me and it is working . I myself would hate to mess that up. Alex Meissner is who I was thinking of. I dont know if it is the same person. In 1913 A Meissner (MeiBner) invented a oscillator not unlike Armstrongs that we are familiar with. I found a reference that said he had used the opposite layout Armstrong did but otherwise the circuits were similar especially in operation. So I went looking for a schematic and in the English speaking internet could find nothing other then verbal mention of it.So I went on a German language section of another internet radio group and asked auf deutsch (in German) because I wanted to see if it was so and perhaps whip one up just for fun. When you said yours was a Meissner circuit I was intriqued so did a little searching and found a few references to your rig out there on the web including a youtube video but from my home dial up I cant load it as it is over the servers ability to deliver most days. I will go to a WIFI hot spot though and watch it. My hat is off to you. Thank you for sharing.
donVe3LYX

13004. Re: [AWA Group] Meissner OSC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-23 11:44:45 UTC
From: Bill Stewart
Topic: 12992 Message: 13004

Don, you are on the right track with Alexander Meissner. If you have the
2009 AWA Review, you can read an article by Mike Murphy, WU2D abt
the Meissner osc, etc. If you don't have it I might be able to scan it for you.
It took a while to get a signal coming out. But when I heard some noise on
the rcvr, it encouraged me to keep tinkering...plus I really wanted to get
something working on 160 besides the normal '29 Hartley. Anyway, it was
fun and I'm happy with the outcome. Yeah, I'm tempted to leave well enuf
alone...hi. I am just now getting ready to re-build a 2A5 osc, from 1933
'RADIO' mag. It's working pretty good, maybe not as efficient as I expected,
but well enuf. Hope it works at least as well after the re-build. If you need the
scan, let me know.
73 de Bill K4JYS

----- Original Message -----

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, March 22, 2016 9:53:20 PM
Subject: Re: [AWA Group] Meissner OSC

WOW! A lot of time and effort has gone into that! , Pretty impressive. I would leave it like it is. Looks fine to me and it is working . I myself would hate to mess that up. Alex Meissner is who I was thinking of. I dont know if it is the same person. In 1913 A Meissner (MeiBner) invented a oscillator not unlike Armstrongs that we are familiar with. I found a reference that said he had used the opposite layout Armstrong did but otherwise the circuits were similar especially in operation. So I went looking for a schematic and in the English speaking internet could find nothing other then verbal mention of it.So I went on a German language section of another internet radio group and asked auf deutsch (in German) because I wanted to see if it was so and perhaps whip one up just for fun. When you said yours was a Meissner circuit I was intriqued so did a little searching and found a few references to your rig out there on the web including a youtube video but from my home dial up I cant load it as it is over the servers ability to deliver most days. I will go to a WIFI hot spot though and watch it. My hat is off to you. Thank you for sharing.
donVe3LYX

13005. Re: [AWA Group] Meissner OSC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-23 11:50:21 UTC
From: Louis Vermond
Topic: 12992 Message: 13005

Good morning Bill and all,

I would like that large scan. Tks, Lou

----- Original Message -----
From: Bill Stewart cwopr@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-03-23 7:44 AM
Subject: Re: [AWA Group] Meissner OSC

Don, you are on the right track with Alexander Meissner. If you have the
2009 AWA Review, you can read an article by Mike Murphy, WU2D abt
the Meissner osc, etc. If you don't have it I might be able to scan it for you.
It took a while to get a signal coming out. But when I heard some noise on
the rcvr, it encouraged me to keep tinkering...plus I really wanted to get
something working on 160 besides the normal '29 Hartley. Anyway, it was
fun and I'm happy with the outcome. Yeah, I'm tempted to leave well enuf
alone...hi. I am just now getting ready to re-build a 2A5 osc, from 1933
'RADIO' mag. It's working pretty good, maybe not as efficient as I expected,
but well enuf. Hope it works at least as well after the re-build. If you need the
scan, let me know.
73 de Bill K4JYS

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, March 22, 2016 9:53:20 PM
Subject: Re: [AWA Group] Meissner OSC

WOW! A lot of time and effort has gone into that! , Pretty impressive. I would leave it
like it is. Looks fine to me and it is working . I myself would hate to mess that up.
Alex Meissner is who I was thinking of. I dont know if it is the same person. In 1913 A
Meissner (MeiBner) invented a oscillator not unlike Armstrongs that we are familiar with. I
found a reference that said he had used the opposite layout Armstrong did but otherwise the
circuits were similar especially in operation. So I went looking for a schematic and in the
English speaking internet could find nothing other then verbal mention of it.So I went on a
German language section of another internet radio group and asked auf deutsch (in German)
because I wanted to see if it was so and perhaps whip one up just for fun. When you said
yours was a Meissner circuit I was intriqued so did a little searching and found a few
references to your rig out there on the web including a youtube video but from my home dial
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WIFI hot spot though and watch it. My hat is off to you. Thank you for sharing.
donVe3LYX

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13006. Re: [AWA Group] Meissner OSC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-23 14:32:36 UTC
From: Bill Stewart
Topic: 12992 Message: 13006

Will be glad to Lou if I can figure out how to do it. Just scanned a bunch of pages, but can't find 'em.....Bill

----- Original Message -----

From: "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, March 23, 2016 7:50:21 AM
Subject: Re: [AWA Group] Meissner OSC

Good morning Bill and all,

I would like that large scan. Tks, Lou

----- Original Message -----
From: Bill Stewart cwopr@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-03-23 7:44 AM
Subject: Re: [AWA Group] Meissner OSC

Don, you are on the right track with Alexander Meissner. If you have the 2009 AWA Review, you can read an article by Mike Murphy, WU2D abt the Meissner osc, etc. If you don't have it I might be able to scan it for you. It took a while to get a signal coming out. But when I heard some noise on the rcvr, it encouraged me to keep tinkering...plus I really wanted to get something working on 160 besides the normal '29 Hartley. Anyway, it was fun and I'm happy with the outcome. Yeah, I'm tempted to leave well enuf alone...hi. I am just now getting ready to re-build a 2A5 osc, from 1933 'RADIO' mag. It's working pretty good, maybe not as efficient as I expected, but well enuf. Hope it works at least as well after the re-build. If you need the scan, let me know.
73 de Bill K4JYS

----- Original Message -----

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, March 22, 2016 9:53:20 PM
Subject: Re: [AWA Group] Meissner OSC

WOW! A lot of time and effort has gone into that! , Pretty impressive. I would leave it like it is. Looks fine to me and it is working . I myself would hate to mess that up. Alex Meissner is who I was thinking of. I dont know if it is the same person. In 1913 A Meissner (MeiBner) invented a oscillator not unlike Armstrongs that we are familiar with. I found a reference that said he had used the opposite layout Armstrong did but otherwise the circuits were similar especially in operation. So I went looking for a schematic and in the English speaking internet could find nothing other then verbal mention of it.So I went on a

German language section of another internet radio group and asked auf deutsch (in German) because I wanted to see if it was so and perhaps whip one up just for fun. When you said yours was a Meissner circuit I was intriqued so did a little searching and found a few references to your rig out there on the web including a youtube video but from my home dial up I cant load it as it is over the servers ability to deliver most days. I will go to a WIFI hot spot though and watch it. My hat is off to you. Thank you for sharing.
donVe3LYX

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13007. Re: [AWA Group] Meissner OSC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-23 15:02:44 UTC
From: Louis Vermond
Topic: 12992 Message: 13007

You too?

----- Original Message -----
From: Bill Stewart cwopr@embarqmail.com [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-03-23 10:32 AM
Subject: Re: [AWA Group] Meissner OSC

Will be glad to Lou if I can figure out how to do it. Just scanned a bunch of
pages, but can't find 'em.....Bill

From: "'Louis Vermond' ldvermond@sympatico.ca [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, March 23, 2016 7:50:21 AM
Subject: Re: [AWA Group] Meissner OSC

☐

Good morning Bill and all,

I would like that large scan. Tks, Lou

----- Original Message -----
From: Bill Stewart cwopr@... [AWAGroup]
To: AWAGroup@...m
Sent: 2016-03-23 7:44 AM
Subject: Re: [AWA Group] Meissner OSC

Don, you are on the right track with Alexander Meissner. If you have the
2009 AWA Review, you can read an article by Mike Murphy, WU2D abt
the Meissner osc, etc. If you don't have it I might be able to scan it for you.
It took a while to get a signal coming out. But when I heard some noise on
the rcvr, it encouraged me to keep tinkering...plus I really wanted to get
something working on 160 besides the normal '29 Hartley. Anyway, it was
fun and I'm happy with the outcome. Yeah, I'm tempted to leave well enuf
alone...hi. I am just now getting ready to re-build a 2A5 osc, from 1933
'RADIO' mag. It's working pretty good, maybe not as efficient as I expected,
but well enuf. Hope it works at least as well after the re-build. If you need the
scan, let me know.
73 de Bill K4JYS

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, March 22, 2016 9:53:20 PM

Subject: Re: [AWA Group] Meissner OSC

WOW! A lot of time and effort has gone into that! , Pretty impressive. I would leave it like it is. Looks fine to me and it is working . I myself would hate to mess that up. Alex Meissner is who I was thinking of. I dont know if it is the same person. In 1913 A Meissner (MeiBner) invented a oscillator not unlike Armstrongs that we are familiar with. I found a reference that said he had used the opposite layout Armstrong did but otherwise the circuits were similar especially in operation. So I went looking for a schematic and in the English speaking internet could find nothing other then verbal mention of it.So I went on a German language section of another internet radio group and asked auf deutsch (in German) because I wanted to see if it was so and perhaps whip one up just for fun. When you said yours was a Meissner circuit I was intriqued so did a little searching and found a few references to your rig out there on the web including a youtube video but from my home dial up I cant load it as it is over the servers ability to deliver most days. I will go to a WIFI hot spot though and watch it. My hat is off to you. Thank you for sharing.
donVe3LYX

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13008. Maple Syrup Net Tonight! ... BIG TEST

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-23 16:00:44 UTC
From: Louis Vermond
Topic: 13008 Message: 13008
Attachments: 1 described; binary payloads are missing from this source WARC

Tonight Wednesday, 730 PM / 3843 kc. / SSB

Those on the net last week may recall that tonight, VE3AWA will be giving an on net demo of his recently finished prototype TNT.

Except for the antenna coil beehive, all parts are English available prier to 1930. 4W output fully loaded - 400V B+ 45% efficiency.

Heartless Tone reports are hoped for...

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13009. Re: [AWA Group] Maple Syrup Net Tonight! ... BIG TEST

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-23 16:09:00 UTC
From: Larry Szendrei
Topic: 13008 Message: 13009

FB, Lou. Will be listening for your SSB sig from the TNT! ;-)

73 es cu tonite,
-Larry/NE1S

On 3/23/16 12:00 PM, 'Louis Vermond' ldvermond@... [AWAGroup]
wrote:
>
> Tonight Wednesday, 730 PM / 3843 kc. / SSB
>
> Those on the net last week may recall that tonight, VE3AWA will be
> giving an on net demo of his recently finished prototype TNT.
>
> Except for the antenna coil beehive, all parts are English available
> prier to 1930. 4W output fully loaded - 400V B+ 45% efficiency.
> Heartless Tone reports are hoped for...
>

13010. Lou's TNT test report

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-24 10:58:40 UTC
From: dulmagedon@...
Topic: 13010 Message: 13010

And so???????
donVe3LYX

13011. Lou's UK TNT test

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-24 12:53:14 UTC
From: Louis Vermond
Topic: 13011 Message: 13011
Attachments: 1 described; binary payloads are missing from this source WARC

And so???????
donVe3LYX

GM Don and all,

Tks to very good condx, the S reports were 8s and 9s with 3 watts out. Ts were also 8s and 9s. Nil chirp. Windy, but signal upward creep was abe to be noted, but not found quote, "objectionable". All this was at 3843 with the resonate point of the grid coil / valve at 3534. That is, well away from point of optimum signal quality.

If anyone wishes to SKED tonight or Friday at 7:30PM on or above 3615 I am available.

73, Lou
VE3AWA
This 15K tubular "cartage" power resister was open so was able to install inside a 47K, correct value for the LS5 valve GL.

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https://www.avast.com/antivirus

13012. Re: Lou's UK TNT test

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-24 14:14:23 UTC
From: mattgoff54@...
Topic: 13011 Message: 13012

Im always upset that I cant see your pictures Lou. Your TNT was 10 over here.

Matt KC8ZQS

13013. Lou's UK TNT test & Matt

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-24 14:34:11 UTC
From: Louis Vermond
Topic: 13013 Message: 13013
Attachments: 1 described; binary payloads are missing from this source WARC

Im always upset that I cant see your pictures Lou. Do not know what you have to do to change that, Matt. Someone else here perhaps?

Your TNT was 10 over here. Condx where good! Tks...

Do you see when attached?

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https://www.avast.com/antivirus

13014. Re: Lou's UK TNT test & Matt

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-24 15:18:43 UTC
From: mattgoff54@...
Topic: 13013 Message: 13014

Yes attachments seem to work. Where's the whole thing??

13015. Re: Lou's UK TNT test & Matt

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-24 16:20:15 UTC
From: dulmagedon@...
Topic: 13013 Message: 13015

Lou, This is over the top! I just sent the photo to my brother in law in upper NYS. Mike Varley. Mike is by profession an Electronics Engineer. I am sure he will find it interesting. I am around all day today and this evening so if you want to do a QSO tonite on or about 3615 I am up for it. I am pretty sure the rat trap will go there and will check it out immediately. I might want to try something too. BTW I have a 1927 Radio News with an article entitled, Circuits Favoured by British Listeners. Might as well go all the way and build a matching receiver. I can copy the schematics for you. One needs no B battery supply. It is a three tuber
Now I see I need to find a 1920 Deutsche Rohre (German Tube) and build a simplified MeiBner (Meissner) Sender.
That is a very unique looking rig. You done well OM
donVe3LYX

13016. Re: [AWA Group] Re: Lou's UK TNT test & Matt

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-24 16:55:16 UTC
From: Louis Vermond
Topic: 13013 Message: 13016
Attachments: 1 described; binary payloads are missing from this source WARC

... the whole thing

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13017. Re: [AWA Group] Re: Lou's UK TNT test & Matt

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-24 17:10:27 UTC
From: Louis Vermond
Topic: 13013 Message: 13017

Don,

I'm up to here preparing for Easter. Will reply in full to ur laytest betwen ordeals. For now...

I am around all day today and this evening so if you want to do a QSO tonight on or about 3615 I am up for it.

I am arranging with Joe, N3IBX for sked this eve on 3843 at 7:30. Please join us. Lou

---
This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13018. Re: Re: [AWA Group] Re: Lou's UK TNT test & Matt

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-24 17:18:39 UTC
From: N3IBX
Topic: 13013 Message: 13018

Lou,
? ? ? ?7:30PM on 3.843kc LSB is FBOM with me!
Joe N3IBX?
?
?
On 03/24/16, Louis Vermond wrote:
?
☐
Don,
?
I'm up to here preparing for Easter. Will reply in fullto ur laytest?betwen ordeals. ?For now...
?
?I am around all day today and this evening so if you want to do a QSOtonight on or about 3615 I am up for it.
?
I am arranging with Joe, N3IBX for sked this eve on3843 at 7:30. Please join us. Lou

This email has been sent from a virus-free computer protected by Avast.
www.avast.com (https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient)

13019. Re: Lou's UK TNT test & Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-24 19:42:24 UTC
From: Louis Vermond
Topic: 13019 Message: 13019

7:30PM on 3.843kc LSB is FBOM with me!

Joe N3IBX

OK Don, we've a crowd. CU guys, Lou

If anyone else is on freq., pse call in.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13020. Re: [AWA Group] Re: Lou's UK TNT test & Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-24 19:51:33 UTC
From: N1BUG
Topic: 13019 Message: 13020

If anyone else is on freq., pse call in.

No can do, will be out teaching Tech class. But FB looking rig Lou! Love the piece of tape... ;-)

Bugsy

13021. Lou's UK TNT test & Bugs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-24 20:01:38 UTC
From: Louis Vermond
Topic: 13021 Message: 13021

But FB looking rig Lou! Love the piece of tape... ;-) Love the innovative mounting method or is it the pretty blue?

No can do, will be out teaching Tech class. Knock 'em dead!

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13022. Re: [AWA Group] Lou's UK TNT test & Bugs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-24 21:13:13 UTC
From: N1BUG
Topic: 13021 Message: 13022

But FB looking rig Lou! Love the piece of tape... ;-) Love the innovative mounting method or is it the pretty blue?
Both.

No can do, will be out teaching Tech class. Knock 'em dead!
Will try. Final session tonight, exam Saturday. One student took the exam in another town last week; passed Technician and General!

Bugsy

13023. Grid-cathode short repair?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-24 21:39:42 UTC
From: aflowers@frontiernet.net
Topic: 13023 Message: 13023

I have a UV-203 with a grid-to-filament short. It would make a nice display tube, but I have heard of people opening such shorts by discharging a cap across the offending elements or similar tricks. I'd like to hear from anyone who has been down this road or can point me to a good resource. No, I don't expect it to work, but I see little harm giving it a shot.
Thanks!
Andy K0SM/2

13024. Re: [AWA Group] Lou's UK TNT test & Bugs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-24 21:44:41 UTC
From: Louis Vermond
Topic: 13021 Message: 13024

One student took the exam in another town last week; passed Technician and General! Ata Boy teach!

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13025. European triode

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-25 10:58:45 UTC
From: dulmagedon@...
Topic: 13025 Message: 13025

I am on the hunt for an early German triode , German made. Numbers like RE11 , RE16, RE58, RE78, RE84, RE88. Not particular. Any one of the above. Anyone have any or know where to get them?
donVe3LYX

13026. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-25 11:02:42 UTC
From: Louis Vermond
Topic: 130 Message: 13026

http://www.ebay.com/itm/ATWATER-KENT-ANTENNA-POST-WITH-TRIMMER-TYPE-H-2-CHASSIS-/281979224076?hash=item41a745800c:g:rcoAAOSwZtJW9Ilx

http://www.ebay.com/itm/17-TESTED-GOOD-NATIONAL-UNION-27-RADIO-TUBES-TYPE-UY-227-RCA-TUNG-SOL-PHILCO-/311574743334?

Good price. Go nuts and corner the market! Also make nice gifts. << hint

---
This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13027. Re: [AWA Group] European triode

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-25 11:09:18 UTC
From: Louis Vermond
Topic: 13025 Message: 13027

GM,

There is a fellow in Germany having a very large selection. Sri, forgot name etc, but he is there for you to find.

Also, http://www.worldtubecompany.com/mm5/merchant.mvc?Screen=CTGY&Store_Code=WTC&Category_Code=3

CU tonight, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13028. Re: [AWA Group] European triode

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-25 14:30:45 UTC
From: dulmagedon@...
Topic: 13025 Message: 13028

I didnt find the one in Germany but I found one in Wien Osterrriech und es ist schon unterweg.
Hopefully it gets here ok. An RE84 triode from the 1920s.
CU 2NYT
donVe3LYX

13029. Re: [AWA Group] Grid-cathode short repair?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-25 14:27:55 UTC
From: Jon Delventhal
Topic: 13023 Message: 13029

I don't think that "trick" would work for a transmitting tube due to the high peak voltages between the grid and filament.I have had success by whacking tubes against the palm of my hand to correct internal shorts of tubes with poorly supported internals.
Make sure the filament isn't broken. If both broken ends are dangling and touching the grid, the filament can still light.

From: "'aflowers@...' aflowers@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: yahoogroups <awagroup@yahoogroups.com>
Sent: Thursday, March 24, 2016 4:39 PM
Subject: [AWA Group] Grid-cathode short repair?

  I have a UV-203 with a grid-to-filament short. It would make a nice display tube, but I have heard of people opening such shorts by discharging a cap across the offending elements or similar tricks. I'd like to hear from anyone who has been down this road or can point me to a good resource. No, I don't expect it to work, but I see little harm giving it a shot.
Thanks!
Andy K0SM/2

13030. European triode & Herr Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-25 16:15:42 UTC
From: Louis Vermond
Topic: 13030 Message: 13030

An RE84 triode from the 1920s. Was there a pix of it?! $ > Arm and a leg? Have socket? Vienna?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13031. RE: [AWA Group] European triode & Herr Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-25 16:22:16 UTC
From: Mike Feher
Topic: 13030 Message: 13031
Attachments: 1 described; binary payloads are missing from this source WARC

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, March 25, 2016 12:16 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] European triode & Herr Don

☐

An RE84 triode from the 1920s. Was there a pix of it?! $ > Arm and a leg? Have socket? Vienna?

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<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13032. RE: [AWA Group] European triode & Herr Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-25 16:24:11 UTC
From: Mike Feher
Topic: 13030 Message: 13032

http://www.radiomuseum.org/tubes/tube_re84.html

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, March 25, 2016 12:16 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] European triode & Herr Don

☐

An RE84 triode from the 1920s. Was there a pix of it?! $ > Arm and a leg? Have socket? Vienna?

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13033. RE: [AWA Group] European triode & Herr Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-25 16:30:37 UTC
From: Mike Feher
Topic: 13030 Message: 13033
Attachments: 1 described; binary payloads are missing from this source WARC

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, March 25, 2016 12:16 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] European triode & Herr Don

☐

An RE84 triode from the 1920s. Was there a pix of it?! $ > Arm and a leg? Have socket? Vienna?

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13034. RE: [AWA Group] European triode & Herr Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-25 17:23:17 UTC
From: Don Dulmage
Topic: 13030 Message: 13034

Ich habe nicht so viel bezahlen. (I have not so much pay.) It was tested and posted for sale on Ebay De where I have had an account for many years. It was made by Valvo which is a Hamburg De Company.It is later production I think then Mike's picture but still ballon and old style. And the shipping was reasonable. (Less then we pay here.) I suggested to the XYL we go an get it but got no response although we have been there several times. I have no Socket (Sockell) but I have made them before. I am sure not real powerful but If it works I am happy. 1.5 volt heater so that should be easy. I have a regen with a pair of 26 tubes and have no trouble keeping it lit. I have to replenish my stock of copper tubing as I am currently out. I think I will use 1/8th this time as a MeiBner has a lot of coils. I took a chance on it based on what I know about the Deutsche character. Lying is almost impossible for us despite other flaws so there is a pretty good chance it is as it says it is. Time will tell.
donVe3LYX
On Fri, 3/25/16, 'Mike Feher' n4fs@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: RE: [AWA Group] European triode & Herr Don
To: AWAGroup@yahoogroups.com
Received: Friday, March 25, 2016, 12:30 PM

Mike B. Feher,
N4FS89 Arnold
Blvd.Howell, NJ,
07731732-886-5960

From: AWAGroup@yahoogroups.com
[mailto:AWAGroup@yahoogroups.com]
Sent: Friday, March 25, 2016 12:16 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] European triode
& Herr Don ☐ An
RE84 triode from the 1920s. Was there a pix of it?! $ >
Arm and a leg? Have socket? Vienna?
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13035. Re: [AWA Group] European triode & Herr Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-25 21:00:34 UTC
From: Louis Vermond
Topic: 13030 Message: 13035
Attachments: 1 described; binary payloads are missing from this source WARC

510.00 EUR = 756.10 CAD !

Thank you, Mike for taking the time to gather all that. I have been musuming over acquiring français & Deutsche valves. If $756 is an indication, I had better stay with the English valves....cheap, compared.

Don, With a RE84 you'll be King.

Sieben drei / Seven - tre , Lou
Don & Joe.... Not too suprisingly, it works. The 530S is tuned up on 3615 realy to go at 8PM.
Joe, pse have your phone handy.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13036. Fwd: [Glowbugs] Fun QSL

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-25 21:13:15 UTC
From: Larry Szendrei
Topic: 13036 Message: 13036

On 3/25/16 5:12 PM, Larry Szendrei wrote:
> Forwarded from the Glowbugs list - note XMTR.
>
> 73,
> -Larry/NE1S
>
> On 3/25/16 2:12 PM, Hubert Miller wrote:
>>
>> Speaking of QSLs – i was looking thru a box here, deciding what i can
>> and should live without, and saw this card:
>>
>> VE3IW Toronto Ontario
>>
>> Radio......W8MQO QSO at 6:10 PM EST Oct. 18 1934
>>
>> Xmtr.......2 245s In....PP TNT Ckt.....400 Volts Ant....Marconi
>>
>> Remarks......Hope we have longer QSO next time. Sorry I had
>>
>> to cut our QSO short....BCL downstairs came up and
>>
>> complained of QRM from my “key klick”
>>
>> -Ash
>>
>> (via: Hue Miller) (6 PM is prime BCL time! Wait until they’ve
>> packed it in and gone to bed, then DX, hi !)
>>
>

13037. Re: [AWA Group] European triode & Herr Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-25 23:06:59 UTC
From: dulmagedon@...
Topic: 13030 Message: 13037

I paid less then $100 CAD but I will reserve jumping up and down till it gets here. That is first and foremost, then I have to make an operational MeiBner and that may not be easy.
donVe3LYX
Bis 8pm

13038. RE: [AWA Group] European triode & Herr Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-25 23:42:48 UTC
From: Mike Feher
Topic: 13030 Message: 13038

I think I will start writing responses in Hungarian Don. I certainly spent more time there than you ever did in Germany, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, March 25, 2016 7:07 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] European triode & Herr Don

I paid less then $100 CAD but I will reserve jumping up and down till it gets here. That is first and foremost, then I have to make an operational MeiBner and that may not be easy.
donVe3LYX
Bis 8pm

13039. Re: [AWA Group] European triode & Herr Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-26 01:27:17 UTC
From: Louis Vermond
Topic: 13030 Message: 13039

добра ноќ, uram Mike ...

73, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13040. RE: [AWA Group] European triode & Herr Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-26 01:27:03 UTC
From: dulmagedon@...
Topic: 13030 Message: 13040

And you know this how?
donVe3LYX

13041. RE: [AWA Group] European triode & Herr Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-26 01:31:53 UTC
From: Mike Feher
Topic: 13030 Message: 13041

I only had 2 years of mandatory Russian, but do not remember any of it. Try again in Hungarian, HI. – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, March 25, 2016 9:27 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] European triode & Herr Don

□

добра ноќ, иram Mike ...

73, Lou

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13042. RE: [AWA Group] European triode & Herr Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-26 01:37:06 UTC
From: Mike Feher
Topic: 13030 Message: 13042

Is this addressed to me? OK, I just assumed as I spent a total of 11 continuous years in Hungary, where as I believe you only visited Germany multiple times and was not born there .Additionally, we spoke it at home in the States till I was 20 and left for college as my parents, especially my mother had a hard time with English. So, you are right, I may be wrong, HI. Will not be the first time. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@...m [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, March 25, 2016 9:27 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] European triode & Herr Don

And you know this how?
donVe3LYX

13043. Re: [AWA Group] European triode & Herr Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-26 10:03:31 UTC
From: Louis Vermond
Topic: 13030 Message: 13043

I only had 2 years of mandatory Russian, but do not remember any of it. Try again in Hungarian, HI. – Mike

Macedonian... És jó reggelt

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13044. RE: [AWA Group] European triode & Herr Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-26 11:25:18 UTC
From: Mike Feher
Topic: 13030 Message: 13044

Koszonom. Neked is. - Mihaly

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, March 26, 2016 6:04 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] European triode & Herr Don

☐

I only had 2 years of mandatory Russian, but do not remember any of it. Try again in Hungarian, HI. – Mike

Macedonian... És jó reggelt

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13045. Re: [AWA Group] European triode & Herr Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-26 11:51:01 UTC
From: Louis Vermond
Topic: 13030 Message: 13045

Koszonom. Neked is. - Mihaly Same to ya, buster!

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13046. RE: [AWA Group] European triode & Herr Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-26 11:57:51 UTC
From: Mike Feher
Topic: 13030 Message: 13046

What is Macedonian doing there?

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, March 26, 2016 7:25 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] European triode & Herr Don

Koszonom. Neked is. - Mihaly

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, March 26, 2016 6:04 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] European triode & Herr Don

□

I only had 2 years of mandatory Russian, but do not remember any of it. Try again in Hungarian, HI. – Mike

Macedonian... És jó reggelt

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13047. Re: [AWA Group] European triode & Herr Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-26 12:22:58 UTC
From: Louis Vermond
Topic: 13030 Message: 13047
Attachments: 1 described; binary payloads are missing from this source WARC

What is Macedonian doing there? It is the common language of St. Marys, Ontario Canada.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13048. RE: [AWA Group] European triode & Herr Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-26 12:24:27 UTC
From: Mike Feher
Topic: 13030 Message: 13048
Attachments: 1 described; binary payloads are missing from this source WARC

Your house must already be full and you are going crazy -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, March 26, 2016 8:23 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] European triode & Herr Don

☐

What is Macedonian doing there? It is the common language of St. Marys, Ontario Canada.

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<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13049. Re: [AWA Group] European triode & Herr Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-26 12:34:32 UTC
From: Louis Vermond
Topic: 13030 Message: 13049

Your house must already be full ... No, that's tomorrow.

...and you are going crazy - Arrived there long ago.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13050. Re: [AWA Group] European triode & Herr Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-26 14:27:16 UTC
From: dulmagedon@...
Topic: 13030 Message: 13050

I checked my account messages this morning. It says it is already shipped. There is a picture but it has non english on it so I stuff it for now. Here's hoping.
D Karl Talmacz

13051. RE: [AWA Group] European triode & Herr Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-26 14:32:16 UTC
From: Mike Feher
Topic: 13030 Message: 13051

Is it coming from Germany? I buy a lot of collectible tubes from Europe and they have always gotten here without a problem. There was one exception, but, the seller packed it very poorly. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, March 26, 2016 10:27 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] European triode & Herr Don

I checked my account messages this morning. It says it is already shipped. There is a picture but it has non english on it so I stuff it for now. Here's hoping.
D Karl Talmacz

13052. RE: [AWA Group] European triode & Herr Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-26 19:01:13 UTC
From: dulmagedon@...
Topic: 13030 Message: 13052

I have bought tubes from England before for my No 9 (not no 19) wireless set. The price was excellant and delivery very good. I bought a complete set. Have also bought PT 215 transmitter tubes for a T 1154 based project with good success. This one while found on Ebay.de is coming from Austria. What is really spooky is I think I know or at least have had contact with this guy before but in my automotive career. Just from his name and the invoice but I will check further when I have the hard copy in my hand. Back then he told me he was in the Audio Amplifier business. We shall see. Kinda freaky if it so. I am hoping it isn't so. That would be a good thing. ;>)
BTW I have had an s8 + noise level here for a few days. I first noticed it the night we were all on SSB. but when today it was unchanged i grabbed a portable Sw analog RX abd went on a hunt. found it. A new Walmart sold small current smart battery charger. It was transmitting noise in the middle of 80M and radiating it to everything plugged into that side of my panel as well. Noise level now is down a whole bunch. After unplugging it I checked and it read 1.5 S units. It is higher at the moment but still no where near where it was before finding it.
donVe3LYX

13053. On the half hour marks 3615kcs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-26 21:22:54 UTC
From: dulmagedon@...
Topic: 13053 Message: 13053

My noise problem solved and time on my hands I will be firing up the Rat Trap rig on 3615 and testing (CQ test) on the half hour mark 530 630 730 etc till I get too sleepy. I know it is easter weekend and everyone is probably busy but here it is quiet so if anyone else needs something to do please listen for my signal. Replys in SSB or Cw are fine. I will be modulating but will start with CW test sig first. (VVV VVV VVV) I don't have a lot of power but if conditions are favourable its hould be enuf.
donVe3LYX

13054. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-28 17:41:56 UTC
From: Louis Vermond
Topic: 130 Message: 13054

http://www.ebay.com/itm/50-000-PIECES-TYPE-JAN-6418-548DX-RAYTHEON-USA-MADE-NOS-NIB-AUDIO-TUBES-RARE-/400992814279?hash=item5d5d08c4c7:g:JZwAAOxy7nNTVKv2

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13055. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-28 17:49:07 UTC
From: Louis Vermond
Topic: 130 Message: 13055

http://www.ebay.com/itm/42-PIECES-FOR-WESTERN-ELECTRIC-300B-20A-PORCELIAN-TUBE-SOCKETS-300-B-274-A-2A3-/301911362132?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13056. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-29 11:00:03 UTC
From: Louis Vermond
Topic: 130 Message: 13056

http://www.ebay.com/itm/EARLY-PRE-WW-2-C-COIL-SET-FOR-NATIONAL-HRO-RECEIVER-COVERS-3-5-TO-7-4-MHz-/281984154038?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13057. Maple Syrup Net Tomorrow Wednesday Night

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-29 14:09:27 UTC
From: Louis Vermond
Topic: 13057 Message: 13057
Attachments: 1 described; binary payloads are missing from this source WARC

7:30 PM 3843Kc.

The World Listens

This email has been checked for viruses by Avast antivirus software.
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13058. Matt & Regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-29 21:02:39 UTC
From: Louis Vermond
Topic: 13058 Message: 13058

Matt,

There are vibrations in the Aether to the effect that you have a simple regen driving a old speaker. If true, please post photos here.

73, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13059. 801 winning bid

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-29 21:10:34 UTC
From: JAMES HANLON
Topic: 13059 Message: 13059

The winning bid on that 801A on ebay was $45.88.

Jim, W8KGI

13060. See buss wiring

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-30 11:43:27 UTC
From: Louis Vermond
Topic: 13060 Message: 13060
Attachments: 1 described; binary payloads are missing from this source WARC

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13061. Re: [AWA Group] See buss wiring [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-30 18:07:26 UTC
From: Bill Stewart
Topic: 13060 Message: 13061

Lou, that's a beautiful wiring job and have seen similar
wiring in other sets, but it raises a question:
What was the advantage over using 'hook-up' wire of the
time...cloth covered stranded or solid wire and a neat
wiring arrangement . Any ideas?
73 Bill K4JYS

----- Original Message -----

From: "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Sent: Wednesday, March 30, 2016 7:43:27 AM
Subject: [AWA Group] See buss wiring [1 Attachment]

This email has been sent from a virus-free computer protected by Avast.
www.avast.com

13062. Re: Matt & Regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-31 22:17:24 UTC
From: mattgoff54@...
Topic: 13058 Message: 13062

Lou, it is true. I will post some pictures with description tonight.

13063. Re: [AWA Group] Re: Matt & Regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-03-31 23:46:29 UTC
From: Louis Vermond
Topic: 13058 Message: 13063

Tks Matt, we're staying tuned... Lou

----- Original Message -----
From: mattgoff54@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-03-31 6:17 PM
Subject: [AWA Group] Re: Matt & Regen

Lou, it is true. I will post some pictures with description tonight.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13064. Re: [AWA Group] Re: Matt & Regen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-01 02:24:02 UTC
From: mattgoff54@...
Topic: 13058 Message: 13064
Attachments: 3 described; binary payloads are missing from this source WARC

Ok here is the regen. Many thanks to Don for helping me sort it out via email. My first attempt was less than successful. I had never done a SW regen before. So after lots of questions and answers I came out with this. The national dx capacitor is cut down to basically two plates. The stator actually has three because I didn't feel like taking it all apart again and it was easier to take out rotor plates. So I stuck the last rotor plate on the outside. I was concerned about losing too much C so I mounted a Pilot midget on top. It stays near open for 80m. The 3 meg grid leak and .00025 sangamo capacitor duo is threaded onto the dx post. Tubes are Cunningham ux301-A but I originally was using some older bakelite bass uv's. I realize the plug in coil type does not match the period exactly for these tubes and sockets, but it's what I had handy. The rheostat is for filament control while the smaller pot below is the resistance for B+ regeneration control. With this setup I can power the Atwater Kent speaker borrowed from my model 40 pretty well. Many signals can easily be copied from the next room, including SSB. If I could improve one thing it would be selectivity, as the bandpass seems to be much much wider than I am used to. But it works and thats a lot further along than I was so I'm happy.

Matt KC8ZQS

13065. Matt & Regen ...rpt

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-01 09:18:30 UTC
From: Louis Vermond
Topic: 13065 Message: 13065
Attachments: 1 described; binary payloads are missing from this source WARC

GM Matt and thank you.

Gud job of it, OM. How many dial divisions for the Kelley window, 3550-3580?

Clever

----- Original Message -----
From: mattgoff54@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-03-31 10:24 PM
Subject: Re: [AWA Group] Re: Matt & Regen [3 Attachments]

Ok here is the regen. Many thanks to Don for helping me sort it out via email. My first attempt was less than successful. I had never done a SW regen before. So after lots of questions and answers I came out with this. The national dx capacitor is cut down to basically two plates. The stator actually has three because I didn't feel like taking it all apart again and it was easier to take out rotor plates. So I stuck the last rotor plate on the outside. I was concerned about losing too much C so I mounted a Pilot midget on top. It stays near open for 80m. The 3 meg grid leak and .00025 sangamo capacitor duo is threaded onto the dx post. Tubes are Cunningham ux301-A but I originally was using some older bakelite bass uv's. I realize the plug in coil type does not match the period exactly for these tubes and sockets, but it's what I had handy. The rheostat is for filament control while the smaller pot below is the resistance for B+ regeneration control. With this setup I can power the Atwater Kent speaker borrowed from my model 40 pretty well. Many signals can easily be copied from the next room, including SSB. If I could improve one thing it would be selectivity, as the bandpass seems to be much much wider than I am used to. But it works and thats a lot further along than I was so I'm happy.

Matt KC8ZQS

View attachments on the web

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13066. Antenna TesT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-01 10:41:01 UTC
From: dulmagedon@...
Topic: 13066 Message: 13066

I bumped into yet another bare essentials builder last night. We decided to do as he called it a duet. So at a 11pm here I hooked mine up to the new Hb vertical 80/40 and called. Despite heavy QRN (lightning crashes) for both of us the signal got thru fairly well. The distance was about 400 mi according to QRZ and the power as many know is not huge so I am quite pleased , especially with the performance of the new antenna.
That is the good news. The bad news is my Bootoon GDO died. I had hoped it was just the cable but it isnt. I suspect something has come loose in the tiny tube in the head. Been going to make a Fet one for years. I guess it is time. Old unit will still make a nice well regulated PSU so all is not lost.
donVe3LYX

13067. Re: [AWA Group] Antenna TesT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-01 11:00:07 UTC
From: Larry Szendrei
Topic: 13066 Message: 13067

On 4/1/16 6:41 AM, dulmagedon@... [AWAGroup] wrote:
>
> The bad news is my Bootoon GDO died. I had hoped it was just the cable
> but it isnt. I suspect something has come loose in the tiny tube in
> the head.
>

Don, get into the thing and troubleshoot it to positively identify the failure. If it is, in fact, the 955 acorn tube that died, I can mail you another.

73,
-Larry/NE1S

13068. Re: [AWA Group] Antenna TesT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-01 11:15:08 UTC
From: Louis Vermond
Topic: 13066 Message: 13068

GM All,

I bumped into yet another bare essentials builder last night. And who was that, Don?

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https://www.avast.com/antivirus

13069. RE: [AWA Group] Antenna TesT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-01 12:35:38 UTC
From: Mike Feher
Topic: 13066 Message: 13069

Don –

Those that use an acorn tube? I am sure I have some. Let me know what it is. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, April 01, 2016 6:41 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Antenna TesT

I bumped into yet another bare essentials builder last night. We decided to do as he called it a duet. So at a 11pm here I hooked mine up to the new Hb vertical 80/40 and called. Despite heavy QRN (lightning crashes) for both of us the signal got thru fairly well. The distance was about 400 mi according to QRZ and the power as many know is not huge so I am quite pleased , especially with the performance of the new antenna.
That is the good news. The bad news is my Bootoon GDO died. I had hoped it was just the cable but it isnt. I suspect something has come loose in the tiny tube in the head. Been going to make a Fet one for years. I guess it is time. Old unit will still make a nice well regulated PSU so all is not lost.
donVe3LYX

13070. RE: [AWA Group] Antenna TesT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-01 12:38:07 UTC
From: Mike Feher
Topic: 13066 Message: 13070

I guess I should have read further. I guess you are covered either way. I have a box of 600 NOS 955s from WWII downstairs. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, April 01, 2016 7:00 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Antenna TesT

On 4/1/16 6:41 AM, dulmagedon@... [AWAGroup] wrote:

The bad news is my Bootoon GDO died. I had hoped it was just the cable but it isnt. I suspect something has come loose in the tiny tube in the head.

Don, get into the thing and troubleshoot it to positively identify the failure. If it is, in fact, the 955 acorn tube that died, I can mail you another.

73,
-Larry/NE1S

13071. Buss wire & K4JYS

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-01 17:11:02 UTC
From: Louis Vermond
Topic: 13071 Message: 13071

Lou, that's a beautiful wiring job and have seen similar
wiring in other sets, but it raises a question:
cloth covered stranded or solid wire and a neat
wiring arrangement. Any ideas?
73 Bill K4JYS

Bill,

What was the advantage over using 'hook-up' wire of the time... No idea regarding advantages. As to why used, here's a guess. You've problem noticed that the pre-1925 RX and TX look more electrical then electronic. The early wireless researchers and designers were electrical engineers and that background, to me, shows in their radios. For example, buss bar "wiring" is common in transformer stations then and now.

Perhaps there is a cognoscenti here that will tell me I'm all wet...and why.

73, Lou

See example below of BC set buss BAR wireing...

http://www.ebay.ca/itm/262319812033?ru=http%3A%2F%2Fwww.ebay.ca%2Fsch%2Fi.html%3F_from%3DR40%26_sacat%3D0%26_nkw%3D262319812033%26_rdc%3D1

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https://www.avast.com/antivirus

13072. Wanted: Restorable Meissner Traffic Master Receiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-01 17:26:16 UTC
From: Roger Kuchera
Topic: 13072 Message: 13072

Today at 1:19 PM Gentlemen, I am looking for a restorable Meissner Traffic Master receiver. I believe they were basically sold as kits,circa 1938 -1943. They had 14 tubes in them. By restorable, I mean a unit that doesn't look like it took adirect hit from the USS New Jersey!

I would trade this for my National FBXa with an original PSK preselector. The FBX comes with a set of6.3 volt tubes and several sets of coils in a homemade coil holder. There are a few spare coils and someorphans. No power supply or speaker. Both the FBX and PSK have been recapped with modern parts. Imodified the PSK (reversible) to shunt feed the plate of the RF amplifier in the preselector.

Digi pix are available. It has been repainted in Black crackle. Other information available on request.

Please contact only by email.

Roger/K1TG

13073. Re: [AWA Group] Buss wire & K4JYS

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-01 18:07:27 UTC
From: Bill Stewart
Topic: 13071 Message: 13073

Lou, you might be right....it does sorta look like a miniature sub-station...I like it.
Bill

----- Original Message -----

From: "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Sent: Friday, April 1, 2016 1:11:02 PM
Subject: [AWA Group] Buss wire & K4JYS

Lou, that's a beautiful wiring job and have seen similar
wiring in other sets, but it raises a question:
cloth covered stranded or solid wire and a neat
wiring arrangement. Any ideas?
73 Bill K4JYS

Bill,

What was the advantage over using 'hook-up' wire of the time... No idea regarding advantages. As to why used, here's a guess. You've problem noticed that the pre-1925 RX and TX look more electrical then electronic. The early wireless researchers and designers were electrical engineers and that background, to me, shows in their radios. For example, buss bar "wiring" is common in transformer stations then and now.

Perhaps there is a cognoscenti here that will tell me I'm all wet...and why.

73, Lou

See example below of BC set buss BAR wireing...

http://www.ebay.ca/itm/262319812033?ru=http%3A%2F%2Fwww.ebay.ca%2Fsch%2Fi.html%3F_from%3DR40%26_sacat%3D0%26_nkw%3D262319812033%26_rdc%3D1

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13074. Re: [AWA Group] Antenna TesT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-01 18:19:05 UTC
From: dulmagedon@...
Topic: 13066 Message: 13074

N8AFT Lane, Columbus Ohio.
I have had the GDO apart already trying to sort it out. I had thought it was intermittent cabling because it works and then doesn't but when I tested it it checked out fine no matter how I twisted it. I realize it is a pretty high quality piece but right when you really need it it quit. It may have to sit on the shelf for a bit while I cool down. It works for a bit then stops then just when you are ready to through in the towel quits again. I will set it aside for now. I am going to make a FET one anyway and have been for quite sometime since I would have to buy absolutley nothing to do it but I did like the Booton very much. Let me cool off and I will go from there. Thanks for offers of help.
donVe3LYX

13075. Wanted: Restorable Meissner Traffic Master Receiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-01 19:55:34 UTC
From: Roger Kuchera
Topic: 13072 Message: 13075

Gentlemen, I am looking for a restorable Meissner Traffic Master receiver. I believe they were basically sold as kits,circa 1938 -1943. They had 14 tubes in them. By restorable, I mean a unit that doesn't look like it took adirect hit from the USS New Jersey!

I would trade this for my National FBXa with an original PSK preselector. The FBX comes with a set of6.3 volt tubes and several sets of coils in a homemade coil holder. There are a few spare coils and someorphans. No power supply or speaker. Both the FBX and PSK have been recapped with modern parts. Imodified the PSK (reversible) to shunt feed the plate of the RF amplifier in the preselector.

Digi pix are available. It has been repainted in Black crackle. Other information available on request.

Please contact only by email.

Roger/K1TG

13076. Fresh RF

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-01 20:58:24 UTC
From: dfaklis@...
Topic: 13076 Message: 13076

I'm around 3.560 calling (5-7pm EDT Friday) with a new rig. RBN can't hear me and I'm wondering if anyone else can. Thanks!

73, Dean, NW2K

13077. I am looking for a restorable Meissner Traffic Master receiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-01 21:01:48 UTC
From: Louis Vermond
Topic: 13077 Message: 13077
Attachments: 1 described; binary payloads are missing from this source WARC

I can see why, Roger! GL, Lou

....very rare 1939 Meissner TrafficMaster, built from a kit

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https://www.avast.com/antivirus

13078. National and REL restorers note text below top photo....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-01 21:07:57 UTC
From: Louis Vermond
Topic: 13078 Message: 13078
Attachments: 5 described; binary payloads are missing from this source WARC

Jim, VE3BHK.... This fits you. Apr. 9th, Lou

KC8VWM
Premium Subscriber
QRZ Page
Favorite band cruiser:

BC348Q

Restored using wrinkle finish. Preserved original lettering, markings during the process using a toothpick and silly putty formed to mask the lettering before painting. Handles stripped down to bare brass and polished using jewelers polish and a Dremmel tool.

Remember that's "Megacycles" not "Megahertz"

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www.avast.com

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https://www.avast.com/antivirus

13079. Antenna TesT & N8AFT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-01 21:20:47 UTC
From: Louis Vermond
Topic: 13079 Message: 13079

N8AFT Lane, Columbus Ohio. What was he running? Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13080. Re: [AWA Group] Buss wire & K4JYS

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-01 21:23:43 UTC
From: Louis Vermond
Topic: 13071 Message: 13080

Lou, you might be right....it does sorta look like a miniature sub-station...I like it. Hope u use that approach one day.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13081. 801 winning bid & W8KGI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-01 21:27:08 UTC
From: Louis Vermond
Topic: 13081 Message: 13081

Hi Jim,

Is this an average price ...or? Lou

The winning bid on that 801A on ebay was $45.88.

Jim, W8KGI

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13082. Re: Fresh RF

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-01 21:30:08 UTC
From: dulmagedon@...
Topic: 13076 Message: 13082

Dean, 3560. I just saw it now. I am on it. Should be warm in about 3 minutes.
Only time I ring the RBN bell is on the amp with over 150 watts out.
Just doesnt work for me.
donVe3LYX

13083. Re: Fresh RF

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-01 21:41:17 UTC
From: dulmagedon@...
Topic: 13076 Message: 13083

Dean I have a 3561 rock in the BE and am listening on 3560 +or -. I will stay on it till after 7 pm so go for it.
donVe3LYX

13084. Re: Antenna TesT & N8AFT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-01 22:14:11 UTC
From: dulmagedon@...
Topic: 13079 Message: 13084

A BE modified for chirp. Because we wre both exeriencing lightning sounds an high winds we kept it short but could hear each other unmistakably.
don

13085. Re: [AWA Group] Re: Fresh RF

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-01 22:15:52 UTC
From: aflowers@frontiernet.net
Topic: 13076 Message: 13085

Dean sounds great!
The wind is really blowing today (Dean is about 30 miles from here so he's dealing with the same stuff) but his frequency is much more stable than mine. I managed to work him by loading my 40m dipole as a Tee, using my 40m coil as the antenna link and clipping in an 80m plate coil that looked about right. I love this stuff!
I'll also hang around on 3560 when I'm in the basement with the wide filter on the RX. We still have a couple hours of light here.
Andy K0SM/2

On Friday, April 1, 2016 5:41 PM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  Dean I have a 3561 rock in the BE and am listening on 3560 +or -. I will stay on it till after 7 pm so go for it.
donVe3LYX

13086. Re: [AWA Group] Re: Fresh RF

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-01 23:07:06 UTC
From: dulmagedon@...
Topic: 13076 Message: 13086

I can hear Dean here. Not real strong but certainly readable. We are pretty close though (approx 100mi)so it may be better farther out.
I am in studio A tonite so if anyone is testing let me know and I can listen on the side and will.
donVe3LYX

13087. Re: Fresh RF

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-01 23:31:53 UTC
From: dfaklis@...
Topic: 13076 Message: 13087

Don, I just saw your note (7:25pm). Sorry about that. I made a couple of calls just now on 3561.

Nice QSO with K0SM and NO3M among a bunch of SKCCers. Not bad for a watt or less (B+=200v, Ip=16ma on two parallel 27s). Coupling is very loose.

I have a lot to learn. Seems like magic to me! Thanks to all for your help.

PS Cathode keying gives 22v across the key; close to what I measure for grid bias.

73, Dean, NW2K

13088. Re: Fresh RF

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-02 00:21:01 UTC
From: dulmagedon@...
Topic: 13076 Message: 13088

No problem. My only concern was someone was there to listen. I saw you were well looked after but stayed for the frey. Anytime anyone needs a ear if I am home I am available. I am going to take a shot at Andy in a few minutes as he emailed and said he could copy me calling you. I figure after dark should be bit better. I am on my Bare Essentials rig which is basically an AC Dc rig running a 50C6 octal tube and crystal control. Not lot of power but it usually gets it done. I could copy you on the regen as well. Louder then on the trio 59R.
Running the ancient rigs is wonderful. A privilage even. I my go down stairs later on and try my rattrap on Am again of conidtions stay like they are. Fell off the front step yesterday slipping on the wet grass. Not moving too good but moving.
donVe3LYX

13089. Re: [AWA Group] Re: Fresh RF

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-02 01:07:22 UTC
From: Don Dulmage
Topic: 13076 Message: 13089

I am going down to the vintage shack and will have the 3615khz loop running shortly. Will start in Cw but you will need to be in Am on you switch or you will only hear my carrier.
donVe3LYX

On Fri, 4/1/16, dulmagedon@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] Re: Fresh RF
To: AWAGroup@yahoogroups.com
Received: Friday, April 1, 2016, 8:21 PM

No problem. My only concern was someone was there
to listen. I saw you were well looked after but stayed for
the frey. Anytime anyone needs a ear if I am home I am
available. I am going to take a shot at Andy in a few
minutes as he emailed and said he could copy me calling you.
I figure after dark should be bit better. I am on my Bare
Essentials rig which is basically an AC Dc rig running a
50C6 octal tube and crystal control. Not lot of power but
it usually gets it done. I could copy you on the regen as
well. Louder then on the trio 59R.
Running
the ancient rigs is wonderful. A privilage even. I my go
down stairs later on and try my rattrap on Am again of
conidtions stay like they are. Fell off the front step
yesterday slipping on the wet grass. Not moving too good but
moving.
donVe3LYX

13090. Re: Matt & Regen ...rpt

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-02 01:32:51 UTC
From: mattgoff54@...
Topic: 13065 Message: 13090

Lou, 6 divisions from 3.550-3.580.

13091. Re: [AWA Group] Re: Matt & Regen ...rpt

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-02 03:06:31 UTC
From: Louis Vermond
Topic: 13065 Message: 13091

Thank you, Matt.

Lou, 6 divisions from 3.550-3.580. Is there a band-spread variable in ur near future?

The Kelley could use a little "something". 100% HB regen operation? Maybe those doing so could have their calls, regardless of numbers worked, given at the top of the results list? Are you reading this, Scott?

73, Lou
3.550-3.580.

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https://www.avast.com/antivirus

13092. Re: [AWA Group] Re: Matt & Regen ...rpt

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-02 10:11:32 UTC
From: dulmagedon@...
Topic: 13065 Message: 13092

Common mode of ops here. A good regen like a twinplex is no handicap. Tis an advantage and I don't care what you have R390 SDR whatever. It will still hear more when set up right with an experienced operator. (yes,Virginy, I have some SDR ;>) ability here) If you build it with bandspread and then put the vernier on the bandspread cap you can get some pretty fine tuning. Or use PT which is very fine. Ok I will go back in my cave now.
However did use a regen several times for ops even in the last few dys including copying Dean. he was about twice as strong on the regen and a 10 inch loop as on the trio Com RX and a beverage. the TS830S wasnt even in the ball game really.
donVe3LYX

13093. Re: [AWA Group] Antenna TesT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-02 13:16:10 UTC
From: Larry Szendrei
Topic: 13066 Message: 13093

Mike,

You've got just a few more than I do, HI. Also, I don't know if the ones I have are new or used. I do have equipment to test gm and I can put them on the curve tracer if I really want to know what's going on.

73,
-Larry/NE1S

PS: we missed you on the AWA top band net last Monday!

On 4/1/16 8:38 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> I guess I should have read further. I guess you are covered either
> way. I have a box of 600 NOS 955s from WWII downstairs. 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Friday, April 01, 2016 7:00 AM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* Re: [AWA Group] Antenna TesT
>
> On 4/1/16 6:41 AM, dulmagedon@... <mailto:dulmagedon@...>
> [AWAGroup] wrote:
>
> The bad news is my Bootoon GDO died. I had hoped it was just the
> cable but it isnt. I suspect something has come loose in the tiny
> tube in the head.
>
>
> Don, get into the thing and troubleshoot it to positively identify the
> failure. If it is, in fact, the 955 acorn tube that died, I can mail
> you another.
>
> 73,
> -Larry/NE1S
>

13094. RE: [AWA Group] Antenna TesT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-02 13:22:06 UTC
From: Mike Feher
Topic: 13066 Message: 13094

Larry –

Yes, I guess I do, HI. Mine are new in boxes from WWII. I have one large crate full. If Don decides he needs one, I'll be happy to send him a couple.

I usually take a nap each day, and, on Monday I took a late one and got up just a little after 8 PM, and then forgot all about the net. Will definitely see you there this coming Monday. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, April 02, 2016 9:16 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Antenna TesT

Mike,

You've got just a few more than I do, HI. Also, I don't know if the ones I have are new or used. I do have equipment to test gm and I can put them on the curve tracer if I really want to know what's going on.

73,
-Larry/NE1S

PS: we missed you on the AWA top band net last Monday!

On 4/1/16 8:38 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

I guess I should have read further. I guess you are covered either way. I have a box of 600 NOS 955s from WWII downstairs. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, April 01, 2016 7:00 AM
To: AWAGroup@yahoogroups.com

Subject: Re: [AWA Group] Antenna TesT

On 4/1/16 6:41 AM, dulmagedon@... [AWAGroup] wrote:

The bad news is my Bootoon GDO died. I had hoped it was just the cable but it isnt. I suspect something has come loose in the tiny tube in the head.

Don, get into the thing and troubleshoot it to positively identify the failure. If it is, in fact, the 955 acorn tube that died, I can mail you another.

73,
-Larry/NE1S

13095. Re: [AWA Group] Re: Matt & Regen ...rpt

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-02 13:24:34 UTC
From: mattgoff54@...
Topic: 13065 Message: 13095

Well I had imagined that the cut down dx would be enough band spread but I guess the plates are too large for great fine tuning. I used that cap because it was already mounted to that section of panel with the velvet vernier. Hence the rather strange looks of the set.

13096. Re: [AWA Group] Re: Matt & Regen ...rpt

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-02 15:08:27 UTC
From: Louis Vermond
Topic: 13065 Message: 13096

Well I had imagined that the cut down dx would be enough band spread but I guess the plates are too large for great fine tuning. Increase the plate spacing...

Secret msg. >>>> Andy, bking for a coffee... :0)

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13097. Re: [AWA Group] Antenna TesT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-02 15:24:49 UTC
From: Larry Szendrei
Topic: 13066 Message: 13097

On 4/2/16 9:22 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
> I usually take a nap each day, and, on Monday I took a late one and
> got up just a little after 8 PM, and then forgot all about the net.
> Will definitely see you there this coming Monday. 73 – Mike
See you then, Mike!

For others on the group: the AWA top-band net meets every Monday evening on 1945 KHz at 8:00PM Eastern time. We're almost always on LSB, but AM check-ins are also welcome.

73,
-Larry/NE1S

13098. Re: [AWA Group] Re: Fresh RF

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-02 16:01:59 UTC
From: Ron Barlow
Topic: 13076 Message: 13098

Hi Dean, Don, et others,
 Congrats on your success with your new AWA type rig, Dean! Unfortunately, I was unable to listen to your test xmsn, due to thunderstorm activity.
 With regard to the RBN, I have never seen an RBN response, while using my 40m "29" transmitter. The power output is only a bit over 1 watt, from a single 27, with only ~ 200 volts on the plate. The feedline loss is large due to the use of a long run of old RG-58 type coax. Nevertheless, there were a number of "sharp eared" BK participants that were able to copy my feeble sig well enough to log some QSOs. The point is, don't allow the lack of an RBN response discourage you.
GL & 73 de Ron n4gjv

On Friday, April 1, 2016 9:07 PM, "Don Dulmage dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  I am going down to the vintage shack and will have the 3615khz loop running shortly. Will start in Cw but you will need to be in Am on you switch or you will only hear my carrier.
donVe3LYX

On Fri, 4/1/16, dulmagedon@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] Re: Fresh RF
To: AWAGroup@yahoogroups.com
Received: Friday, April 1, 2016, 8:21 PM

No problem. My only concern was someone was there
to listen. I saw you were well looked after but stayed for
the frey. Anytime anyone needs a ear if I am home I am
available. I am going to take a shot at Andy in a few
minutes as he emailed and said he could copy me calling you.
I figure after dark should be bit better. I am on my Bare
Essentials rig which is basically an AC Dc rig running a
50C6 octal tube and crystal control. Not lot of power but
it usually gets it done. I could copy you on the regen as
well. Louder then on the trio 59R.
Running
the ancient rigs is wonderful. A privilage even. I my go
down stairs later on and try my rattrap on Am again of
conidtions stay like they are. Fell off the front step
yesterday slipping on the wet grass. Not moving too good but
moving.
donVe3LYX

13099. Re: [AWA Group] Re: Fresh RF

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-02 17:30:00 UTC
From: Steve
Topic: 13076 Message: 13099

>With regard to the RBN, I have never seen an RBN response, while using my
>40m "29" transmitter.

always copyable up here! I think also, RBN will 'ignore' a signal that has a certain level of chirp / instability. As well, it wants to hear near-perfect / machine-like code so sending by hand might also limit the number of spots.

Steve 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

13100. Re: [AWA Group] Antenna TesT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-02 20:26:13 UTC
From: dulmagedon@...
Topic: 13066 Message: 13100

I have never ever had a 160 contact. I have a 160 rig and an SSb rig that will do it. I wonder?
don

13101. Re: [AWA Group] Re: Matt & Regen ...rpt

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-02 20:29:11 UTC
From: dulmagedon@...
Topic: 13065 Message: 13101

And a verier ir drive reduction adds lot of versatility as well.
donVe3LYX

13102. Re: [AWA Group] Re: Matt & Regen ...rpt

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-02 21:52:11 UTC
From: mattgoff54@...
Topic: 13065 Message: 13102

I guess I hadnt thought about the fact that more spacing would have the same effect as removing plates. I will have to do that. Don, it is equipped with a velvet vernier. The chopped panel and dx cap was an ebay find originally planned to use for a Hull hartley, but Ive since found bigger DX's more suited. I was toying with the idea of a reduction into a reduction but I can easily move the rotor plate back and add capacity at the pilot.

Im a little ADD with my projects and Im also working on a P-P hartley running two 203-As.

13103. Re: [AWA Group] Re: Matt & Regen ...rpt

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-02 21:58:29 UTC
From: Don Dulmage
Topic: 13065 Message: 13103

PP 203! I will watch for the coming glow in my antenna. You could also just put a cap in series. The resulting total cap will be less then the smallest cap in series. I have to adjust my coil a bit on my new one. Only goes to about 3725.
don

On Sat, 4/2/16, mattgoff54@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Re: Matt & Regen ...rpt
To: AWAGroup@yahoogroups.com
Received: Saturday, April 2, 2016, 5:52 PM

I guess I hadnt thought about the fact that more
spacing would have the same effect as removing plates. I
will have to do that. Don, it is equipped with a velvet
vernier. The chopped panel and dx cap was an ebay find
originally planned to use for a Hull hartley, but Ive since
found bigger DX's more suited. I was toying with the
idea of a reduction into a reduction but I can easily move
the rotor plate back and add capacity at the pilot.

Im a little ADD with my projects and Im also working on a
P-P hartley running two 203-As.

13104. RE: [AWA Group] Antenna TesT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-03 10:36:08 UTC
From: dulmagedon@...
Topic: 13066 Message: 13104

Larry and Mike, So I gather neither of you think it would be a stretch that that submini tube is failing? I will have to make a spot on the bench and do some further testing but I think I do want to fix it. However last night after supper i found an unused RS circuit board, a small coil form and raided my parts bin. I actually had everything needed to build a 80/40m Gate dip osc in stock so I did a build using a circuit from a 1999 AWA OTB (vol39)(intended for broadcast band but I bent the specs to suit my needs.) I didnt mount the meter as I would prefer a LED . Somewhere I have about 30 LEDs "Where" is the big question. So if I didnt mess up in the build it will buy me some time while I give the Booton serious look. Thanks for you offers. I will let you know what I find.
donVe3LYX

13105. Re: [AWA Group] Antenna TesT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-03 11:53:48 UTC
From: Larry Szendrei
Topic: 13066 Message: 13105

On 4/3/16 6:36 AM, dulmagedon@... [AWAGroup] wrote:
>
> Larry and Mike, So I gather neither of you think it would be a stretch
> that that submini tube is failing? I will have to make a spot on the
> bench and do some further testing but I think I do want to fix it.
>
If you haven't already, check the obvious - plate voltage (the VR tube should be lit, for example), resistance of grid leak, good, clean connections to the coil and capacitor rotor, etc.) Also check continuity of the 955 heater. If everything around the 955 looks good and it's still not oscillating, at that point I'd suspect the tube.

> However last night after supper i found an unused RS circuit board, a
> small coil form and raided my parts bin. I actually had everything
> needed to build a 80/40m Gate dip osc in stock so I did a build using
> a circuit from a 1999 AWA OTB (vol39)(intended for broadcast band but
> I bent the specs to suit my needs.) I didnt mount the meter as I
> would prefer a LED . Somewhere I have about 30 LEDs "Where" is the big
> question. So if I didnt mess up in the build it will buy me some time
> while I give the Booton serious look. Thanks for you offers. I will
> let you know what I find.
>
I'm not sure how the LEDs would work out - let us know. I think I'd prefer the meter.

73,
-Larry/NE1S

13106. eBay Alert.... Unique BC Set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-03 14:45:23 UTC
From: Louis Vermond
Topic: 13106 Message: 13106

http://www.ebay.com/itm/VINTAGE-1920s-OLD-OZARKA-VIKING-5-TUBE-UNIQUE-FACADE-RESTORED-ANTIQUE-RADIO-/371588701924?hash=item5684699ee4:g:gskAAOSwzvlW~TG6

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https://www.avast.com/antivirus

13107. Front end amplifiers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-04 16:55:19 UTC
From: aflowers@frontiernet.net
Topic: 13107 Message: 13107

I'm looking at a schematic for a Browning-Drake 4-tube broadcast receiver, probably 1926-27. It's a regen design with a neutralized front-end RF amplifier ahead of the detector circuit, followed by two stages of AF. My understanding is that the front end amplifier would both isolate the antenna from the oscillator and provide some attenuation of the oscillator from radiating. It looks B&D concept dates back to at least 1923.
So my question is, how far back does the use of the RF front-end amplifier (in any form) go in amateur "shortwave" (200m and down) receivers? I think the National SW-x series might have had one in some designs, c. 1930. Has anyone seen published examples of this in amateur shortwave designs before 1925? It seems that scaling the "regenaformer" coil for the for the shortwave bands construction might be a reasonable experiment for a ham in the mid 1920's, but I'm curious if anyone actually tried it back then.
Thanks,
Andy K0SM/2

13108. Re: [AWA Group] Antenna TesT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-05 01:30:22 UTC
From: dulmagedon@...
Topic: 13066 Message: 13108

Read the mail tonight. I used my upstairs beverage and the Trio 9R-59. I heard one of my most favorite words too, "DIVIDEND" . Now entering my 19th year of retirement (and only a cookie jar, no work related pension)that words still gives me a warm glow.
It was Joe --IBX who encouraged me to give the Trio another chance. On the beverage with the original speaker it does a pretty good job. Turns out it doesn't like any of my earphones. Obviously I have some mismatches but I have no idea what it should have. Anyway I am still listening to Larry and Joe GMS.
Spent much of the morning trying to improve my 211 TNT. Made some progress I think. Then in a moment of foolishness I plugged it into the cathode modulator (6y6) and was surprised to hear how it sounded. Got a test coming up between 10 and 11 tonight to see if it gets out. 7110kcs beginning in Cw then switch to phone for a few minutes. For those restricted CW reports are more then welcome. Wish I knew the exact time but I don't yet.
donVe3LYX

13109. Re: [AWA Group] Antenna TesT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-05 01:35:26 UTC
From: Don Dulmage
Topic: 13066 Message: 13109

Now, Just got a note from the other end
don

On Mon, 4/4/16, dulmagedon@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Antenna TesT
To: AWAGroup@yahoogroups.com
Received: Monday, April 4, 2016, 9:30 PM

Read the mail tonight. I used my upstairs beverage
and the Trio 9R-59. I heard one of my most favorite words
too, "DIVIDEND" . Now entering my 19th year of
retirement (and only a cookie jar, no work related
pension)that words still gives me a warm glow.
It was Joe --IBX who encouraged me to give the
Trio another chance. On the beverage with the original
speaker it does a pretty good job. Turns out it doesn't
like any of my earphones. Obviously I have some mismatches
but I have no idea what it should have. Anyway I am still
listening to Larry and Joe GMS.
Spent much
of the morning trying to improve my 211 TNT. Made some
progress I think. Then in a moment of foolishness I plugged
it into the cathode modulator (6y6) and was surprised to
hear how it sounded. Got a test coming up between 10 and 11
tonight to see if it gets out. 7110kcs beginning in Cw then
switch to phone for a few minutes. For those restricted CW
reports are more then welcome. Wish I knew the exact time
but I don't yet.
donVe3LYX

13110. RE: [AWA Group] Antenna TesT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-05 01:44:24 UTC
From: Mike Feher
Topic: 13066 Message: 13110

Don –

You should try and load up your antenna on 160 and join us. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, April 04, 2016 9:30 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Antenna TesT

Read the mail tonight. I used my upstairs beverage and the Trio 9R-59. I heard one of my most favorite words too, "DIVIDEND" . Now entering my 19th year of retirement (and only a cookie jar, no work related pension)that words still gives me a warm glow.
It was Joe --IBX who encouraged me to give the Trio another chance. On the beverage with the original speaker it does a pretty good job. Turns out it doesn't like any of my earphones. Obviously I have some mismatches but I have no idea what it should have. Anyway I am still listening to Larry and Joe GMS.
Spent much of the morning trying to improve my 211 TNT. Made some progress I think. Then in a moment of foolishness I plugged it into the cathode modulator (6y6) and was surprised to hear how it sounded. Got a test coming up between 10 and 11 tonight to see if it gets out. 7110kcs beginning in Cw then switch to phone for a few minutes. For those restricted CW reports are more then welcome. Wish I knew the exact time but I don't yet.
donVe3LYX

13111. 40M test

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-05 10:13:26 UTC
From: dulmagedon@...
Topic: 13111 Message: 13111

I have been working on my TNT 211 rig trying to get it to sound a bit better. I split the Bneg supply right in the PSU (resistive Y to heaters) and moved the keying there as well. I changed the gridleak and its method so as not to unbalance the cathode/heater circuit and made a capacitive Y for tank coil ground return. All helped and bit by bit I am making progress. I am able to work fairly decent distances and I monitored it on AM just to check hum modulation. Perfect? No, but pretty good. Certainly a big improvement over as built was. It was really pretty quiet and was sitting just above the cathode modulator I built for my ARC5 stuff. So I tried it. Sounded pretty good here. I need a on air test. Not too far as power in phone mode is reduced. I need someone used to AM with an AM receiver. I am set up on 7110 on my rx but have been told it is actually 7108. So around 7110kcs. I don't know what is the best time on 40M. Probably early afternoon. Late night it changes in a few seconds to high noise so I think afternoons would do better. It would be quick and painless. Probably under 5 minutes after contact is established. I have no SSB function in Studio B where all the good stuff is. So would call CQ Test in CW then switch to AM mode. Need a listener who will also switch their rx to AM mode. Any willing ears would be a big help. Then I could put it behind me ready for the next big adventure.
donVe3LYX

13112. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-05 11:34:03 UTC
From: Louis Vermond
Topic: 130 Message: 13112

http://www.ebay.com/itm/Clapp-Eastham-Cambridge-Tuner-Loose-Coupler-circa-1914-1916-WWI-All-Original-/201555389575?

Wonderful design work

Mike?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13113. Maple Syrup Net Tomorrow Wednesday Night

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-05 11:50:42 UTC
From: Louis Vermond
Topic: 13057 Message: 13113
Attachments: 1 described; binary payloads are missing from this source WARC

7:30PM* on 3843 Kc.
SSB - AM - CW - Loop

*A Net Member has requested that the Net start time be moved up to 8 PM. The Net will be discussing this and much more tomorrow night starting at 7:30PM.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13114. Re: [AWA Group] Maple Syrup Net Tomorrow Wednesday Night

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-05 13:27:11 UTC
From: Larry Szendrei
Topic: 13057 Message: 13114

I'll probably miss it, unless you guys are still going around 8:30PM or
so. Got a conflict...

73,
-Larry/NE1S

On 4/5/16 7:50 AM, 'Louis Vermond' ldvermond@... [AWAGroup] wrote:
>
>
> *A Net Member has requested that the Net start time be moved up to 8
> PM. The Net will be discussing this and much more tomorrow night
> starting at 7:30PM.
>

13115. Re: [AWA Group] Maple Syrup Net Tomorrow Wednesday Night

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-05 14:14:34 UTC
From: Louis Vermond
Topic: 13057 Message: 13115

I'll probably miss it, unless you guys are still going around 8:30PM or so. Got a conflict... Larry, You vote yes or no to Net time change? Lou

---
This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13116. Re: Front end amplifiers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-05 14:18:43 UTC
From: mattgoff54@...
Topic: 13107 Message: 13116

Andy, looking through my earlier copies, QST February 1924 has an article on extreme low power work and features a receiver with not one but two RF amplifiers. I dont think there is an abundance of info on the receiver itself but if you want I can scan the article.

13117. Re: [AWA Group] Re: Front end amplifiers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-05 15:20:34 UTC
From: aflowers@frontiernet.net
Topic: 13107 Message: 13117

Thanks Matt,
I came across the same article in my travels last night. There's not concrete design in there, but the principles were obviously in circulation and one could definitely apply them.
I think it was the Jan 1925 edition that had an article on coil design by either Kruse or Hull that showed a picture of a zenith tuner that had its coils wound for "shortwave" operation using spaced windings. The thrust of the article is about the merits and engineering tradeoffs of different coil winding designs, and they used this modified commercial tuner with a cylindrical coil to show that there's nothing inherently wrong with boring cylindrical inductors for amateur work so long as the parasitic capacity is kept in check. The author suggests that amateur's preference exotic spiderwebs and basket weaves have more to do with aesthetics than function...which is probably just as true today!
I didn't identify the tuner in the picture, but it looked like it might have been a neutrodyne-type circuit. Whatever it was, it was an concrete example of amateurs reusing BC receiver in late 1924 (when they would have sent the QST article to the publisher).
It seems reasonable to me that amateurs might have taken something like a common Browning-Drake kit or similar and wound the coils for 200m operation. I definitely remember coming across a "reflex" circuit described in QST that had a postscript by the designer that said to halve the number of turns to put it on 200m. (I can probably dig it up the reference for that if someone wants it. I'm almost sure it authored by Mr. Grimes, who sold reflex receivers commercially at the time.)
Andy K0SM/2

On Tuesday, April 5, 2016 10:18 AM, "mattgoff54@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

> Andy, looking through my earlier copies, QST February 1924 has an article on extreme low power work and features a receiver with not one but two RF amplifiers. I dont think there is an abundance of info on the receiver itself but if you want I can scan the article.

13118. The UV199 Transmitter Project

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-05 15:55:37 UTC
From: dulmagedon@...
Topic: 13118 Message: 13118

As you may remeber I was trying to build a transmitter with a UV199. First one I got was dud so I bought one from a vintage tube guy. It seemed to test Ok in a test jig but i could never get it to go. I rebuilt the Tx in several different forms but it refused to go. So i thought perhaps I did something wrong and I built a 201 to UV199 from an open circuit tube I destroyed to get the base. It worked and very well. nice note , no chirp. Some of you worked me on it. I suspected the UV199 doesnt make a good Tx tube and was and am very suspicious of the article I read claiming they had tried one. A few days back i saw 2 NIB uv199 on ebay. I got them cheap thinking just in case it was worth a try. The instructions for radio builders in the 1910s and 1920s were wrapped
around each tube and since they were not the same brand I also had two sets of instructions. I read them. I had said to myself once when working on this before that ot acted like a 45 with too little heater voltage. (They often don't want to start unless at 2.5 volts.) The UV199 is rated at a filament voltage of 3v. You will find all kinds of warnings about being careful with them all over the WWW so I was most careful. I already had many used a new pair of c batteries as my source , checking with my digital meter to be sure they were supplying 3 volts. Actually they were just over when fresh at about 3.1 volts for the pair. With that in mind imagine my surprise as I read the instructions telling me to power the filaments with three No 6 batteries in series and a diagram showing how. I am old enuf to have bought No 6 cells new so I knew that is 4.5 volts not 3volts. I double checked the spec sheet. Yup, it said filament 3 volts. I opened the other tube box and unraveled it. Its paper said and I quote. Heater voltage from 4 1/2 to 3 volts. THREE is the minimum. My gut was right. I took out three new D cells and soldered them in series with hook up wire. I tried it again first with 45 volts B power then just over 100 volts B power. Still nothing. sounded like it wanted to go but no joy. Poped in the adapted 201A and supplied required voltage. Worked perfect. I decided the UV199 was awasteof time (and money.) So I dismantled the little rig so it wouldn't be sitting there taunting me and I could use the parts for another project.. I already have several Hartleys so didnt really need this one. This morning I was cleaning up the shack and found another UV199 tx I had built but an Armstrong circuit . I had thought that would have been the first tx circuit so I whipped one up using a uv199 to 201A adapter I had for a socket. Before ripping it down I decided to pop one of the new tubes in and the proper 4.5 heater volts supply and try it. I hooked up the 45 volt supply and turned on a SW poertable on 40M. Mmmm that sounded good. You get to know the sound. don't ask me to explain. You just do.I grabbed the set and pushed the key searching for a signal. There it was 7084kcs. I Keyed it to be sure I wasn't dreaming then searched for it on the DX394 shack RX. Yup there it was. Not real powerful but it is working. I installed the old Pilot socket and wired it up and tried. Yup still working. 1.87 ma, 134 volts B and 4.5 heater volts. Not very practical for Dx but ok for a Cw walkitalkie perhaps. Anyway that is what happened here today. And it wasn't anything I planned either.

donVe3LYx

13119. RE: [AWA Group] The UV199 Transmitter Project

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-05 16:04:42 UTC
From: Mike Feher
Topic: 13118 Message: 13119

Did you try your other 199s in that circuit? – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, April 05, 2016 11:56 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] The UV199 Transmitter Project

As you may remeber I was trying to build a transmitter with a UV199. First one I got was dud so I bought one from a vintage tube guy. It seemed to test Ok in a test jig but i could never get it to go. I rebuilt the Tx in several different forms but it refused to go. So i thought perhaps I did something wrong and I built a 201 to UV199 from an open circuit tube I destroyed to get the base. It worked and very well. nice note , no chirp. Some of you worked me on it. I suspected the UV199 doesnt make a good Tx tube and was and am very suspicious of the article I read claiming they had tried one. A few days back i saw 2 NIB uv199 on ebay. I got them cheap thinking just in case it was worth a try. The instructions for radio builders in the 1910s and 1920s were wrapped

around each tube and since they were not the same brand I also had two sets of instructions. I read them. I had said to myself once when working on this before that ot acted like a 45 with too little heater voltage. (They often don't want to start unless at 2.5 volts.) The UV199 is rated at a filament voltage of 3v. You will find all kinds of warnings about being careful with them all over the WWW so I was most careful. I already had many used a new pair of c batteries as my source , checking with my digital meter to be sure they were supplying 3 volts. Actually they were just over when fresh at about 3.1 volts for the pair. With that in mind imagine my surprise as I read the instructions telling me to power the filaments with three No 6 batteries in series and a diagram showing how. I am old enuf to have bought No 6 cells new so I knew that is 4.5 volts not 3volts. I double checked the spec sheet. Yup, it said filament 3 volts. I opened the other tube box and unraveled it. Its paper said and I quote. Heater voltage from 4 1/2 to 3 volts. THREE is the minimum. My gut was right. I took out three new D cells and soldered them in series with hook up wire. I tried it again first with 45 volts B power then just over 100 volts B power. Still nothing. sounded like it wanted to go but no joy. Poped in the adapted 201A and supplied required voltage. Worked perfect. I decided the UV199 was awasteof time (and money.) So I dismantled the little rig so it wouldn't be sitting there taunting me and I could use the parts for another project.. I already have several Hartleys so didnt really need this one. This morning I was cleaning up the shack and found another UV199 tx I had built but an Armstrong circuit . I had thought that would have been the first tx circuit so I whipped one up using a uv199 to 201A adapter I had for a socket. Before ripping it down I decided to pop one of the new tubes in and the proper 4.5 heater volts supply and try it. I

hooked up the 45 volt supply and turned on a SW poertable on 40M. Mmmm that sounded good. You get to know the sound. don't ask me to explain. You just do.I grabbed the set and pushed the key searching for a signal. There it was 7084kcs. I Keyed it to be sure I wasn't dreaming then searched for it on the DX394 shack RX. Yup there it was. Not real powerful but it is working. I installed the old Pilot socket and wired it up and tried. Yup still working. 1.87 ma, 134 volts B and 4.5 heater volts. Not very practical for Dx but ok for a Cw walkitalkie perhaps. Anyway that is what happened here today. And it wasn't anything I planned either.

donVe3LYx

13120. Re: [AWA Group] Maple Syrup Net Tomorrow Wednesday Night

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-05 16:49:03 UTC
From: Preston Clark
Topic: 13057 Message: 13120

Is this for any liscence ham
Thanks
Preston Clark kf5evv

Sent from my iPhone

13121. Maple Syrup Net & Preston

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-05 17:18:53 UTC
From: Louis Vermond
Topic: 13121 Message: 13121

Is this for any licence ham... You bet, Preston. The Net topics range from spark thru 1950s gear and insults to Canadians for spelling funny.

Hope CU MSN, Lou
VE3AWA

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13122. Re: Re: [AWA Group] Maple Syrup Net Tomorrow Wednesday Night

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-05 17:19:56 UTC
From: N3IBX
Topic: 13057 Message: 13122

Lou,Everyone,
? ? ? ? ? ? ? ? ? ? ? A family issue came up today that will have me away from the house at the Net start time. Unfortunately I'll be gone until about 10PM or a little before. I tried in earnest to get out of my commitment at home but unfortunately I can't due to a medical issue with my wife Jocelyn. God willing, I'll be on the Net next Wednesday at whatever the start time will be.?

I vote for a change to 8PM, but will try to be there regardless of the start time. ?

Mod-U-Later,
Joe Cro N3IBX

?
?
On 04/05/16, Louis Vermond wrote:
?
I'll probably miss it, unless youguys are still going around 8:30PM or so. Got a conflict...?Larry, You vote yes or no to Net time change?Lou
?

This email has been sent from a virus-free computer protected by Avast.
www.avast.com (https://www.avast.com/sig-email?utm_medium=email&;utm_source=link&utm_campaign=sig-email&utm_content=emailclient)

13123. Re: Re: [AWA Group] Maple Syrup Net Tomorrow Wednesday Night

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-05 17:35:22 UTC
From: Louis Vermond
Topic: 13057 Message: 13123
Attachments: 1 described; binary payloads are missing from this source WARC

OK Joe. It's the pits, but a mans gota do etc.

CU next Net.

Lou
Just won this from UK seller. It's almost the norm that when I'm working on a 'UK project', stuff pops up.

Future plug-in '20s tank...

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13124. Re: Re: [AWA Group] Maple Syrup Net Tomorrow Wednesday Night

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-05 18:08:32 UTC
From: Louis Vermond
Topic: 13057 Message: 13124

BTW: Noted, Joe.

I vote for a change to 8PM, but will try to be there regardless of the start time.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13125. RE: [AWA Group] The UV199 Transmitter Project

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-05 18:29:39 UTC
From: Don Dulmage
Topic: 13118 Message: 13125

I did Mike. All 4 work.
don

On Tue, 4/5/16, 'Mike Feher' n4fs@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: RE: [AWA Group] The UV199 Transmitter Project
To: AWAGroup@yahoogroups.com
Received: Tuesday, April 5, 2016, 12:04 PM

Did you try your
other 199s in that circuit? – Mike
 Mike B. Feher,
N4FS89 Arnold
Blvd.Howell, NJ,
07731732-886-5960

 From: AWAGroup@yahoogroups.com
[mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, April 05, 2016 11:56
AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] The UV199
Transmitter Project   As you may remeber I was
trying to build a transmitter with a UV199. First one I got
was dud so I bought one from a vintage tube guy. It seemed
to test Ok in a test jig but i could never get it to go. I
rebuilt the Tx in several different forms but it refused to
go. So i thought perhaps I did something wrong and I built a
201 to UV199 from an open circuit tube I destroyed to get
the base. It worked and very well. nice note , no chirp.
Some of you worked me on it. I suspected the UV199 doesnt
make a good Tx tube and was and am very suspicious of the
article I read claiming they had tried one. A few days back
i saw 2 NIB uv199 on ebay. I got them cheap thinking just in
case it was worth a try. The instructions for radio builders
in the 1910s and 1920s were wrapped around each
tube and since they were not the same brand I also had two
sets of instructions. I read them. I had said to myself once
when working on this before that ot acted like a 45 with too
little heater voltage. (They often don't want to start
unless at 2.5 volts.) The UV199 is rated at a filament
voltage of 3v. You will find all kinds of warnings about
being careful with them all over the WWW so I was most
careful. I already had many used a new pair of c batteries
as my source , checking with my digital meter to be sure
they were supplying 3 volts. Actually they were just over

when fresh at about 3.1 volts for the pair. With that in mind imagine my surprise as I read the instructions telling me to power the filaments with three No 6 batteries in series and a diagram showing how. I am old enuf to have bought No 6 cells new so I knew that is 4.5 volts not 3volts. I double checked the spec sheet. Yup, it said filament 3 volts. I opened the other tube box and unraveled it. Its paper said and I quote. Heater voltage from 4 1/2 to 3 volts. THREE is the minimum. My gut was right. I took out three new D cells and soldered them in series with hook up wire. I tried it again first with 45 volts B power then just over 100 volts B power. Still nothing. sounded like it wanted to go but no joy. Poped in the adapted 201A and supplied required voltage. Worked perfect. I decided the UV199 was awasteof time (and money.) So I dismantled the little rig so it wouldn't be sitting there taunting me and I could use the parts for another project.. I already have several Hartleys so didnt really need this one.
This morning I was cleaning up the shack and found another UV199 tx I had built but an Armstrong circuit . I had thought that would have been the first tx circuit so I whipped one up using a uv199 to 201A adapter I had for a socket. Before ripping it down I decided to pop one of the new tubes in and the proper 4.5 heater volts supply and try it. I hooked up the 45 volt supply and turned on a SW poertable on 40M. Mmmm that sounded good. You get to know the sound. don't ask me to explain. You just do.I grabbed the set and pushed the key searching for a signal. There it was 7084kcs. I Keyed it to be sure I wasn't dreaming then searched for it on the DX394 shack RX. Yup there it was. Not real powerful but it is working. I installed the old Pilot socket and wired it up and tried. Yup still working. 1.87 ma, 134 volts B and 4.5 heater volts. Not very practical for Dx but ok for a Cw walkitalkie perhaps. Anyway that is what happened here today. And it wasn't anything I planned either. donVe3LYx

13126. RE: [AWA Group] The UV199 Transmitter Project

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-05 18:35:16 UTC
From: Mike Feher
Topic: 13118 Message: 13126

Cool. You could make a real QRP rig then. Maybe 1/2W to a watt. There was no reason for them not to work as they are used in regens. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, April 05, 2016 2:30 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] The UV199 Transmitter Project

I did Mike. All 4 work.
don

On Tue, 4/5/16, 'Mike Feher' n4fs@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

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Did you try your
other 199s in that circuit? – Mike
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Sent: Tuesday, April 05, 2016 11:56
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wasn't anything I planned either. donVe3LYx

13127. Re: [AWA Group] Maple Syrup Net & Preston

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-05 18:42:48 UTC
From: Roger Kuchera
Topic: 13121 Message: 13127

How many canook insults do you want Lou?
Roger/K1TG

On Tuesday, April 5, 2016 1:17 PM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv8978957902 #yiv8978957902 .yiv8978957902ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv8978957902 div.yiv8978957902ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv8978957902 div.yiv8978957902photo-title a, #yiv8978957902 div.yiv8978957902photo-title a:active, #yiv8978957902 div.yiv8978957902photo-title a:hover, #yiv8978957902 div.yiv8978957902photo-title a:visited {text-decoration:none;}#yiv8978957902 div.yiv8978957902attach-table div.yiv8978957902attach-row {clear:both;}#yiv8978957902 div.yiv8978957902attach-table div.yiv8978957902attach-row div {float:left;}#yiv8978957902 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv8978957902 div.yiv8978957902ygrp-file {width:30px;}#yiv8978957902 div.yiv8978957902attach-table div.yiv8978957902attach-row div div a {text-decoration:none;}#yiv8978957902 div.yiv8978957902attach-table div.yiv8978957902attach-row div div span {font-weight:normal;}#yiv8978957902 div.yiv8978957902ygrp-file-title {font-weight:bold;}#yiv8978957902 -->

  Is this for any licence ham... You bet, Preston. The Net topics range from spark thru 1950s gear and insults to Canadians for spelling funny. Hope CU MSN, LouVE3AWA

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www.avast.com |

13128. RE: [AWA Group] The UV199 Transmitter Project

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-05 18:44:48 UTC
From: Don Dulmage
Topic: 13118 Message: 13128

Ah you read my mind. I thought I need a regen. Since the circuit is the same other then phones and regen control It should be ok. It was my impression the UV199 didnt have enough inherent feedback or internal C perhaps to function in a conventional circuit well so I figured with the Armstrong I can add feedback till it can't refuse.
donVe3LYX

On Tue, 4/5/16, 'Mike Feher' n4fs@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: RE: [AWA Group] The UV199 Transmitter Project
To: AWAGroup@yahoogroups.com
Received: Tuesday, April 5, 2016, 2:35 PM

Cool. You could make
a real QRP rig then. Maybe 1/2W to a watt. There was no
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07731732-886-5960

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[mailto:AWAGroup@yahoogroups.com]
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To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] The UV199
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series and a diagram showing
how. I am old enuf to have
bought No 6 cells
new so I knew that is 4.5 volts not
3volts.
I double checked the spec sheet. Yup, it said
filament 3 volts. I opened the other tube box
and unraveled
it. Its paper said and I
quote. Heater voltage from 4 1/2 to
3 volts.
THREE is the minimum. My gut was right. I took out
three new D cells and soldered them in series
with hook up
wire. I tried it again first
with 45 volts B power then just
over 100
volts B power. Still nothing. sounded like it
wanted to go but no joy. Poped in the adapted
201A and
supplied required voltage. Worked
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rig so it wouldn't be sitting there taunting me
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13129. Re: [AWA Group] Maple Syrup Net & Preston

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-05 21:07:10 UTC
From: dulmagedon@...
Topic: 13121 Message: 13129

Not a can you would want to open. Like insulting your Mom. She may know things about you you wish would remain unsaid. Respect, quiet admiration and reverence of your northern most friendly neighbours (neighbors) will be sufficient. We walk softly but some of us carry a really big stick! :>)
donVe3LYX

13130. Re: [AWA Group] Maple Syrup Net Tomorrow Wednesday Night

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-05 23:43:58 UTC
From: Larry Szendrei
Topic: 13057 Message: 13130

On 4/5/16 10:14 AM, 'Louis Vermond' ldvermond@... [AWAGroup] wrote:
>
> I'll probably miss it, unless you guys are still going around 8:30PM
> or so. Got a conflict... Larry, You vote yes or no to Net time change? Lou
>
I'd be fine with 7:30 or 8:00PM, either way.

-'1S

13131. Re: [AWA Group] Maple Syrup Net & Preston

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-05 23:46:15 UTC
From: Louis Vermond
Topic: 13121 Message: 13131

Not a can you would want to open.

...cuz we spell funny. Screw-ball grammar = It's a joke.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13132. Re: [AWA Group] Maple Syrup Net Tomorrow Wednesday Night

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-06 01:00:37 UTC
From: Louis Vermond
Topic: 13057 Message: 13132

Hi Larry,

I'll probably miss it, unless you guys are still going around 8:30PM or so. Let's hope.

I'd be fine with 7:30 or 8:00PM, either way. Marked down.

GN, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13133. Re: [AWA Group] Maple Syrup Net & Preston

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-06 01:12:03 UTC
From: Louis Vermond
Topic: 13121 Message: 13133

How many canook insults do you want Lou?

Many? Pour 'em on Ol' Boy just so they don't lead to gun fire!

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13134. Re: [AWA Group] Maple Syrup Net Tomorrow Wednesday Night

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-06 01:25:38 UTC
From: Preston Clark
Topic: 13057 Message: 13134

What state does this originate from

Sent from my iPhone

13135. Re: [AWA Group] Maple Syrup Net Tomorrow Wednesday Night

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-06 01:52:03 UTC
From: Louis Vermond
Topic: 13057 Message: 13135

Ontario, Canada

----- Original Message -----
From: Preston Clark prestonclark67@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-04-05 9:25 PM
Subject: Re: [AWA Group] Maple Syrup Net Tomorrow Wednesday Night

What state does this originate from

Sent from my iPhone

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13136. 211 TNT Experiments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-06 10:59:20 UTC
From: dulmagedon@...
Topic: 13136 Message: 13136

I have been working on my 211 TNT to improve its performance for the receiving station. I have made some progress but as I mentioned I got tempted by the Cathode modulator and tried it out. Seems pretty good as I said and I had tried to put a test together to try it on 7110kcs. I choose that freq because I knew I could tune up there from my use of it in recent AWA sponsored events which allowed higher power rigs. Since no-one was there for a test I began to search and see where would it actually tune to. Much to my surprise all the way to 7295kcs without a problem so I will just wait for an opening in the AM window and give it a shot if I can get my foot in the door with a potentially PW signal as they often call it. I didn't expect it to tune up there but it does.
donVe3LYX

13137. Re: [AWA Group] 211 TNT Experiments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-06 11:08:45 UTC
From: Louis Vermond
Topic: 13136 Message: 13137

I will just wait for an opening in the AM window and give it a shot ... GL Don.....

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13138. MSN tonite

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-07 01:43:11 UTC
From: dulmagedon@...
Topic: 13138 Message: 13138

Was able to join in. near the end. Still was a good time. Thanks. Time change really helped me out.
don

13139. Re: [AWA Group] Re: Fresh RF

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-07 06:01:19 UTC
From: Ron Barlow
Topic: 13076 Message: 13139

Hi Steve et all, I understand that the RBN would not function well with a sig that chirped excessively, but I don't believe that chirp was an issue, with my situation--I believe that the added feedline loss that was associated with my antenna relocation, is the major issue. I am reasonably cerain that we have not achieved a BK QSO, since that relocation was implemented. 73 de ron n4gjv

On Saturday, April 2, 2016 1:30 PM, "'Steve' ve7sl@shaw.ca [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

>With regard to the RBN, I have never seen an RBN response, while using my >40m "29" transmitter.

always copyable up here! I think also, RBN will 'ignore' a signal that has a certain level of chirp / instability. As well, it wants to hear near-perfect / machine-like code so sending by hand might also limit the number of spots.

Steve 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

13140. Re: [AWA Group] Re: Fresh RF

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-07 11:06:29 UTC
From: dulmagedon@...
Topic: 13076 Message: 13140

Andy knows a bit about RBN ignores and how that is done. What I know about that I learned from him. twas interesting what he had to say.
All I use RBN for is to see where the band is open to. I doubt I could ring its bell without my AMP on and almost machine style CW.
don

13141. Re: [AWA Group] Re: Fresh RF

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-07 11:26:17 UTC
From: Larry Szendrei
Topic: 13076 Message: 13141

Hearing this, I'm really surprised that RBN has picked up my PPTNT on 40M. The few times I've checked, it's always heard it. Anyone who has heard my TNT on 40M knows it's not the poster child for stability or a T9 note ;-)

73,
-Larry/NE1S

On 4/7/16 2:01 AM, Ron Barlow imalowfer@... [AWAGroup] wrote:
> Hi Steve et all,
> I understand that the RBN would not function well with a sig that
> chirped excessively, but I don't believe that chirp was an issue, with
> my situation--I believe that the added feedline loss that was
> associated with my antenna relocation, is the major issue. I am
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>
>
>
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>
>
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>
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> has a
> certain level of chirp / instability. As well, it wants to hear
> near-perfect
> / machine-like code so sending by hand might also limit the number of
> spots.
>
> Steve 73
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
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> Nanowaves":
> http://ve7sl.blogspot.ca/
>
>
>

>

13142. Re: [AWA Group] Re: Fresh RF

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-07 13:30:30 UTC
From: aflowers@frontiernet.net
Topic: 13076 Message: 13142

Larry,
NE1S is a very short callsign. This does two things to your advantage:
A) Fewer bits of information to get right.B) Assuming drift is a function of time only, there is less drift over those bits.
Here's my advice if you want to test with the RBN:
1) Send faster, so long as you have a reasonable fist (per item B). Good spacing is key.2) Send "TEST K0SM K0SM TEST". You really need your call twice and the "TEST" is keyword that skimmer will recognize as a "CQ" message. You may need to do this a few times if you don't have a big SNR and/or have an long or unlikely callsign. Don't change frequency. Yes this looks like a contest CQ, but on a weekday its unlikely to gather much attention unless you find yourself on during the CWT or one of the evening sprints. It's what skimmer likes to see. 3) Send below x.045 if you can, and certainly below x.090. More skimmers are listening increasing the probability of being heard. Yes, I know we didn't all design our TNTs optimally there...
Also, CW skimmer is usually configured to include the prior probability of the callsign (i.e., "is the callsign a likely?") Things that make a callsign likely would to be prevalence of calls "similar" to yours and/or your presents in the super-check partial database (i.e., you've done some contesting with that callsign in the last few years). skimmer can only see certain portions of the band at once, typically in 48, 96 or in a few cases 192 KHz. They tend to cover from the bottom of the band, so the higher you are the fewer skimmers are able to hear you. There are very few watching above 7100, for example. You can see a the current list of active and inactive skimmers here along with their frequency ranges:
http://reversebeacon.net/nodes/detail.php
Andy K0SM/2

On Thursday, April 7, 2016 7:26 AM, "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  Hearing this, I'm really surprised that RBN has picked up my PPTNT on 40M. The few times I've checked, it's always heard it. Anyone who has heard my TNT on 40M knows it's not the poster child for stability or a T9 note ;-)

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Steve 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

13143. Re: [AWA Group] Re: Fresh RF

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-07 16:18:50 UTC
From: Ron Barlow
Topic: 13076 Message: 13143

Many tks for the RBN info & hints Andy & Larry! I should have mentioned that I did have good success with RBN responses on 160m & 80m, using the same fist, etc----it is only on 40m that I had a problem. The lack of RBN response was mirrored by my results, during the BK fun-fest. The list of cwnr (called with no reply) BK stations was much greater, percentage wise, on 40m vs the 2 lower freq bands. Tks agn & vy 73 de ron n4gjv

On Thursday, April 7, 2016 9:30 AM, "'aflowers@frontiernet.net' aflowers@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Larry,
NE1S is a very short callsign. This does two things to your advantage:
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Steve 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

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13144. eBay Alert 750-0-750

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-07 18:00:22 UTC
From: Louis Vermond
Topic: 13144 Message: 13144

http://www.ebay.ca/itm/Homebrew-Tube-Power-Supply-Vintage-Electronics-Ham-Radio-Transforme
r-/361509968316?hash=item542bac59bc

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13145. Re: [AWA Group] Re: Fresh RF

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-08 12:07:56 UTC
From: Larry Szendrei
Topic: 13076 Message: 13145

Andy,

Thanks for the tips, and the link. Good talking with you on the Maple Syrple Net the other night.

-'1S

On 4/7/16 9:30 AM, 'aflowers@...' aflowers@... [AWAGroup] wrote:
> Larry,
>
> NE1S is a very short callsign. This does two things to your advantage:
>
> A) Fewer bits of information to get right.
> B) Assuming drift is a function of time only, there is less drift over those bits.
>
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>
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>
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>
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>

> http://reversebeacon.net/nodes/detail.php
>
> Andy K0SM/2
>
>
>
>
> On Thursday, April 7, 2016 7:26 AM, "Larry Szendrei
> ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:
>
>
> Hearing this, I'm really surprised that RBN has picked up my PPTNT on
> 40M. The few times I've checked, it's always heard it. Anyone who has
> heard my TNT on 40M knows it's not the poster child for stability or a
> T9 note ;-)
>
> 73,
> -Larry/NE1S
>

13146. Rheostat question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-08 20:12:27 UTC
From: Louis Vermond
Topic: 13146 Message: 13146

Hi,

I am searching for a filament rheostat to be use with a Marconi-Osram LS5 valve. Test findings below...

LS5 Fil. voltage operating range: 4.25 - 5.25V DC at 0.8 A average

Readings using 5 ohm rheostat:

4.25 V / 2.9 ohms

5 V / 1.8 ohms

5.25 V / 1.6 ohms

Assuming an average 1920s RX rheostat and for least amount of winding heating, 3 ohms maximum would be the ideal.

Agree? No? What then please.

Tks, Lou
VE3AWA

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13147. Re: Rheostat question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-08 23:10:02 UTC
From: dulmagedon@...
Topic: 13146 Message: 13147

well first the low voltage for sufficient heat is wonderful for a RX which is intended to be used hour on hour. all year long. A Tx often doesn't run well on minimum heating as as it transmits it loses a bit of that warmth so general they run better near the top of their rating. We have to remember the factory rating, recommended rating is 4.25v (least it will run with and in TX mode probably wont sustain running long) As you may remember from my recent posts my UV199 would not run at is minimum even a bit above it. Ie It wouldn't even start at 3 volts or even 3.1volts. Its specs are given as 4.1/2 volts to 3 volts in both sheets that came with the tubes. I don't care what the internet says or your tube manuals that is what the enclosed spec sheets said for both NOS tubes) So if the manufacturer says it requires 5.25v to 4.25 volts then anything in that range is fine. Are you a better man for running it at 4.25 v then 5.25v? No. Both are with in spec. And in spec is IN SPEC. Would it die if it got more? I understand you don't want to go there so we will forget that. Point is any of your voltages are with in Manufacturer specifications and there is no prize for erroring on the low side. In spec is sufficient care. And no reason to go above the high side. I imagine if my experience has any relevance is the performance difference between 4.25 v and 5.25 would be fairly dramatic. It is with some of the tubes I run. And I know any manufacturer worth his salt includes a fudge factor for accidental momentary errors. Anyway you said "any thoughts." Those are mine.
donVe3LYX

13148. RE: [AWA Group] Rheostat question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-08 23:13:45 UTC
From: Steve Flood
Topic: 13146 Message: 13148

Three ohms would give you the most precise adjustment ability since you have use of the full rotation of the rheostat.

Up to five ohms still seems reasonable.

I think if the rheo is in series (not shunting the supply as a voltage diver) there is no worry about winding heating since the wiper shorts across the 'unused' windings.

Steve

KK7UV

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13149. GDO and 2day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-09 14:54:02 UTC
From: dulmagedon@...
Topic: 13149 Message: 13149

I fired up the FET GDO (From AWA yesterday.(from OTB Vol 39 No 3 pg 50) It works ok but is no Booton. Not even close. It will buy me some time while I trouble shoot the good one. Cost me no actual $ so I'm good. The LED indicator system works but takes some getting used to.(As Larry figured I might not like it.) I gestimated the coil and hit it almost bang on. Covers 80m and 40M which is what I wanted. I just need it to ball park the coils and only for 40m and 80M so even though that is wide tune it serves my purpose. The tuning cap I used was a transistor poly variable from my junk box. It has a scratchy center contact so I ordered 10 from Argentina to replenish my QRP stores. They will probably arrive "sometime" but I am ok for now. I also scored a 210 tube so I'm hoping it is here in a few days. Want to compare it against my 45s. 45s make good power but are somewhat unstable when used for oscillators so I have discovered (210a s while not powerful are rock solid performers (I did my testing in the same rig just adjusting the heater voltage for the 45 or the 201A. I suspect the 210 being intended for tx may be better built mechanically. Now I have to make the heater supply for a 210. Maybe somday a 201A210 Mopa! Checked into the Old Military Radio net with the No 19 this morning. Just made it. ??? never mind. Going to try some AM ops today with the No 19 and the ARC5 and its newly reworked PSU. Am watching 80M for victims now but will switch to 40m soon as the bands change. Also want to see if I can improve the No 19 PSU a bit. Can't hurt to try. the ARC5 one os now quieter then the No 19 PSU
Anyone want to try anything today I expect to be in the shack most of the day and can listen if needed.

Have a gud day all. 73 DonVe3LYX.

13150. Re: [AWA Group] GDO and 2day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-09 15:05:19 UTC
From: Eric NO3M
Topic: 13149 Message: 13150

I'll try some CQs around 3555 kc starting at 11:15z with a new 80M MOPA,
abt 5W output but can squeeze more out with tighter coupling...

45 Hartley driving a 210.

73 Eric NO3M

On 04/09/2016 10:54 AM, dulmagedon@... [AWAGroup] wrote:
>
> Am watching 80M for victims now but will switch to 40m soon as the
> bands change. Also want to see if I can improve the No 19 PSU a bit.
> Can't hurt to try. the ARC5 one os now quieter then the No 19 PSU
>
> Anyone want to try anything today I expect to be in the shack most of
> the day and can listen if needed.
>
> Have a gud day all. 73 DonVe3LYX.
>
>
> --
>

13151. Re: [AWA Group] GDO and 2day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-09 15:21:18 UTC
From: Eric NO3M
Topic: 13149 Message: 13151

Yikes... meant 11:15 EDT (1515Z).... ie "now".

On 04/09/2016 11:05 AM, Eric NO3M no3m@... [AWAGroup] wrote:
>
> I'll try some CQs around 3555 kc starting at 11:15z with a new 80M
> MOPA, abt 5W output but can squeeze more out with tighter coupling...
>
> 45 Hartley driving a 210.
>
> 73 Eric NO3M
>
>
>

13152. Re: [AWA Group] GDO and 2day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-09 16:05:45 UTC
From: Don Dulmage
Topic: 13149 Message: 13152

ERic I just saw your note. I am on it and will monitor till 3 pm. I can answer on something. hope I am not too late! 1205 EDT
don

On Sat, 4/9/16, Eric NO3M no3m@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] GDO and 2day
To: AWAGroup@yahoogroups.com
Received: Saturday, April 9, 2016, 11:21 AM

Yikes... meant 11:15 EDT (1515Z).... ie
"now".

On
04/09/2016 11:05 AM, Eric NO3M
no3m@...
[AWAGroup] wrote:

I'll try some CQs around 3555 kc
starting at 11:15z with
a new 80M MOPA, abt 5W output but can squeeze
more out
with tighter coupling...

45 Hartley driving a 210.

73 Eric NO3M

13153. Re: Rheostat question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-09 18:31:22 UTC
From: JAMES HANLON
Topic: 13146 Message: 13153

You might want to consider using a small Variac on the primary of your filament transformer.

Jim, W8KGI

13154. RE: [AWA Group] Re: Rheostat question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-09 19:01:20 UTC
From: Mike Feher
Topic: 13146 Message: 13154

Of course it has to be a British variac, HI. I may have a few British rheostats. Will let you know. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, April 09, 2016 2:31 PM
To: AWA Group
Subject: [AWA Group] Re: Rheostat question

You might want to consider using a small Variac on the primary of your filament transformer.

Jim, W8KGI

13155. Re: [AWA Group] GDO and 2day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-09 23:30:13 UTC
From: Eric NO3M
Topic: 13149 Message: 13155

I called for about 20 minutes (QRT about 1135 EDT), hit some RBNs
though. Did get the rig loaded up to 15w, but pulled back and ran 10w
during CQs.

http://no3m.net/wp-content/uploads/2016/04/80m-45-210-1928-mopa-e1460216524837.png

Just back in the shack now, maybe try later this evening.

On 04/09/2016 12:05 PM, Don Dulmage dulmagedon@... [AWAGroup] wrote:
>
> ERic I just saw your note. I am on it and will monitor till 3 pm. I
> can answer on something. hope I am not too late! 1205 EDT
> don
>

13156. Re: [AWA Group] GDO and 2day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-09 23:46:32 UTC
From: Don Dulmage
Topic: 13149 Message: 13156

OK, I will switch on the upstairs rx and the BE transmitter. I am right beside it. It has a 3555 crystal and is ready to go. If you let me know that is good but I can probably hear you anyway I hope. donVe3LYx

---

On Sat, 4/9/16, Eric NO3M no3m@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] GDO and 2day
To: AWAGroup@yahoogroups.com
Received: Saturday, April 9, 2016, 7:30 PM

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some RBNs
though. Did get the rig loaded up to 15w, but pulled
back and ran
10w during CQs.

http://no3m.net/wp-content/uploads/2016/04/80m-45-210-1928-mopa-e1460216524837.png

Just back in the shack now, maybe try later this
evening.

On
04/09/2016 12:05 PM, Don Dulmage
dulmagedon@...
[AWAGroup] wrote:

ERic I just saw your note. I am on it and
will monitor
till 3 pm. I can answer on something. hope I
am not too
late! 1205 EDT

don

13157. Re: [AWA Group] GDO and 2day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-10 00:07:46 UTC
From: Eric NO3M
Topic: 13149 Message: 13157

Traffic net on 3555 at the moment, will wait until they clear out.

On 04/09/2016 07:46 PM, Don Dulmage dulmagedon@... [AWAGroup] wrote:
>
> OK, I will switch on the upstairs rx and the BE transmitter. I am
> right beside it. It has a 3555 crystal and is ready to go. If you let
> me know that is good but I can probably hear you anyway I hope. donVe3LYx
> ----------
>

13158. Re: [AWA Group] GDO and 2day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-10 00:27:02 UTC
From: Don Dulmage
Topic: 13149 Message: 13158

oK, if you send a series of slow VVV VVV VVV that is very easy to find. I am slow anyway.
don

On Sat, 4/9/16, Eric NO3M no3m@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] GDO and 2day
To: AWAGroup@yahoogroups.com
Received: Saturday, April 9, 2016, 8:07 PM

Traffic net on 3555 at the moment, will wait until they
clear out.

On
04/09/2016 07:46 PM, Don Dulmage
dulmagedon@...
[AWAGroup] wrote:

OK, I will switch on the upstairs rx and the
BE
transmitter. I am right beside it. It has a
3555 crystal
and is ready to go. If you let me know that is
good but I
can probably hear you anyway I hope.
donVe3LYx

13159. Fwd: Re: [AWA Group] GDO and 2day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-10 00:36:17 UTC
From: Eric NO3M
Topic: 13149 Message: 13159

In QSO with K9JDC right now 3554.5; he answered my CQs.

Will call you after we sign

oK, if you send a series of slow VVV VVV VVV that is very easy to find.
I am slow anyway.
don

On Sat, 4/9/16, Eric NO3M no3m@... [AWAGroup]
<AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] GDO and 2day
To: AWAGroup@yahoogroups.com
Received: Saturday, April 9, 2016, 8:07 PM

13160. Re: Fwd: Re: [AWA Group] GDO and 2day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-10 00:47:46 UTC
From: Eric NO3M
Topic: 13149 Message: 13160

Made a bunch of racket on 3555. I heard you before K9JDC called,
sounded like you were running one of your OT rigs.

Going to standby for a bit.... area around 3555 is getting a bit
congested with nets and other ongoings.

>
> oK, if you send a series of slow VVV VVV VVV that is very easy to
> find. I am slow anyway.
> don
> ----------
>

13161. Re: Fwd: Re: [AWA Group] GDO and 2day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-10 01:31:37 UTC
From: Don Dulmage
Topic: 13149 Message: 13161

Well i thought I heard you. I just jump in. They never check but just walk over top everyone often calling CQ and never waiting for an answer. I am still here.
yes i was running my Bare Essentials rig. A AC DC powered 50C6 single tube tx. cyrstal control. Make some noise
don

On Sat, 4/9/16, Eric NO3M no3m@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: Fwd: Re: [AWA Group] GDO and 2day
To: AWAGroup@yahoogroups.com
Received: Saturday, April 9, 2016, 8:47 PM

Made a bunch of racket on 3555. I heard you before
K9JDC called,
sounded like you were running one of your OT rigs.

Going to standby for a bit.... area around 3555 is
getting a bit
congested with nets and other ongoings.

oK, if you send a series of slow VVV VVV
VVV that is
very easy to find. I am slow anyway.

don

13162. Re: Fwd: Re: [AWA Group] GDO and 2day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-10 01:37:20 UTC
From: Eric NO3M
Topic: 13149 Message: 13162

on 3559 with N0TYL (CO) just signing. he is running a chirpy Heathkit 60DX

On 04/09/2016 09:31 PM, Don Dulmage dulmagedon@... [AWAGroup] wrote:
>
> Well i thought I heard you. I just jump in. They never check but just
> walk over top everyone often calling CQ and never waiting for an
> answer. I am still here.
> yes i was running my Bare Essentials rig. A AC DC powered 50C6 single
> tube tx. cyrstal control. Make some noise
> don
> ---
> On Sat, 4/9/16, Eric NO3M no3m@... [AWAGroup]
> <AWAGroup@yahoogroups.com> wrote:
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> Subject: Re: Fwd: Re: [AWA Group] GDO and 2day
> To: AWAGroup@yahoogroups.com
> Received: Saturday, April 9, 2016, 8:47 PM
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> VVV that is
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13163. Tube Info

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-10 01:55:04 UTC
From: Louis Vermond
Topic: 13163 Message: 13163

http://www.worldtubecompany.com/mm5/merchant.mvc?Screen=TF-5

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https://www.avast.com/antivirus

13164. Re: Fwd: Re: [AWA Group] GDO and 2day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-10 01:58:07 UTC
From: Don Dulmage
Topic: 13149 Message: 13164

OK So Ur Gud now. That is the main thing. I am tuned up there but to lae. is nice ad quiet. Go ahed and send something of you like I can turn the computer on record and see what we get. Or if you have had enuf excitment for one day that is ok too. Congrats on the new rig. building is a ball. hard to stop. Anyway I will be here for 10 ro 15 minutes more. I tuned the kenwood rx to 3559 and will leave it on the speaker till i quit for the night.
don VE3LYX

On Sat, 4/9/16, Eric NO3M no3m@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: Fwd: Re: [AWA Group] GDO and 2day
To: AWAGroup@yahoogroups.com
Received: Saturday, April 9, 2016, 9:37 PM

on 3559 with N0TYL (CO) just signing. he is running a
chirpy
Heathkit 60DX

On
04/09/2016 09:31 PM, Don Dulmage
dulmagedon@...
[AWAGroup] wrote:

Well i thought I heard you. I just jump in.
They never
check but just walk over top everyone often
calling CQ and
never waiting for an answer. I am still here.

yes i was running my Bare Essentials rig. A AC
DC powered
50C6 single tube tx. cyrstal control. Make
some noise

don

On Sat, 4/9/16, Eric NO3M no3m@...t
[AWAGroup]
<AWAGroup@yahoogroups.com>
wrote:

Subject: Re: Fwd: Re: [AWA Group] GDO and
2day

To: AWAGroup@yahoogroups.com

Received: Saturday, April 9, 2016, 8:47 PM

Made a bunch of racket on 3555. I heard you before

K9JDC called,

sounded like you were running one of your OT rigs.

Going to standby for a bit.... area around 3555 is

getting a bit

congested with nets and other ongoings.

oK, if you send a series of slow VVV VVV

VVV that is

very easy to find. I am slow anyway.

don

13165. Re: Tube Info

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-10 11:29:33 UTC
From: dulmagedon@...
Topic: 13163 Message: 13165

Thanks Lou, Lots of interesting stuff there.
don

13166. Re: [AWA Group] GDO and 2day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-10 16:50:34 UTC
From: Larry Szendrei
Topic: 13149 Message: 13166

On 4/9/16 7:30 PM, Eric NO3M no3m@... [AWAGroup] wrote:
>
>
> http://no3m.net/wp-content/uploads/2016/04/80m-45-210-1928-mopa-e1460216524837.png
>
Beautiful work, Eric!

73,
-Larry/NE1S

13167. Re: [AWA Group] GDO and 2day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-10 17:23:04 UTC
From: Louis Vermond
Topic: 13149 Message: 13167

Beautiful work, Eric!

That's for sure! FB, Eric. Lou

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https://www.avast.com/antivirus

13168. Info on early REL radios?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-10 19:21:35 UTC
From: Art Lebermann
Topic: 13168 Message: 13168

Does anyone in the group have info on early radios from Radio Engineering Labs ("REL")? I have what I believe to be a Model 278 receiver (from 1931?), but have found very little information. I'm looking for a schematic, and any other data that might be available.

Thanks!
Art Lebermann
W6REQ

13169. Re: [AWA Group] Info on early REL radios?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-10 22:01:01 UTC
From: Louis Vermond
Topic: 13168 Message: 13169

Does anyone in the group have info on early radios from Radio Engineering Labs ("REL")? I have what I believe to be a Model 278 receiver (from 1931?), but have found very little information. I'm looking for a schematic, and any other data that might be available.

Hello Art,

Suggest that you contact Wayne, W6AHH wayne.a.wheeler@... for this information. I consider him the, "REL Guy".

Regardless of condx, please post 278 photo here.

Tks, Lou

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https://www.avast.com/antivirus

13170. RE: [AWA Group] Info on early REL radios?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-10 22:12:48 UTC
From: Mike Feher
Topic: 13168 Message: 13170

Here is an REL 278 that was sold on eBay 291019600085 and some additional photos here http://www.qsl.net/la5ki/org/re/278.htm . 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, April 10, 2016 6:01 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Info on early REL radios?

☐

Does anyone in the group have info on early radios from Radio Engineering Labs ("REL")? I have what I believe to be a Model 278 receiver (from 1931?), but have found very little information. I'm looking for a schematic, and any other data that might be available.

Hello Art,

Suggest that you contact Wayne, W6AHH wayne.a.wheeler@... for this information. I consider him the, "REL Guy".

Regardless of condx, please post 278 photo here.

Tks, Lou

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13171. Re: [AWA Group] Info on early REL radios?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-11 04:20:11 UTC
From: Art Lebermann
Topic: 13168 Message: 13171
Attachments: 5 described; binary payloads are missing from this source WARC

Thanks for the contact info!? Here are photos of my Model 278.? It's in very good condition, with three coils (80m, 40m, 20m).

?

73,

Art Lebermann

W6REQ

?

?

-----Original Message-----
From: "'Louis Vermond' ldvermond@sympatico.ca [AWAGroup]"
Sent: Apr 10, 2016 3:01 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Info on early REL radios?

?

□

Does anyone in the group have info on early radios from Radio Engineering Labs ("REL")? I have what I believe to be a Model 278 receiver (from 1931?), but have found very little information. I'm looking for a schematic, and any other data that might be available.

Hello Art,

?

Suggest that you contact Wayne, W6AHH? wayne.a.wheeler@aero.org?? for this information. I consider him the, "REL Guy".

?

Regardless of condx, please post 278 photo here.

?

Tks, Lou

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13172. Re: [AWA Group] Info on early REL radios?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-11 12:07:42 UTC
From: Louis Vermond
Topic: 13168 Message: 13172
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks for the contact info! Here are photos of my Model 278. It's in very good condition, with three coils (80m, 40m, 20m). 73, Art Lebermann W6REQ

Thank you Art and good morning. We all hate your guts of course, but that's the price of glory...

Wow wow wow... Looking it over forgot to breath. Beyond possible cleaning, have you restored it in any way? How did it come your way? Have you "put it on the air"? Would $10K get it?

73, Lou
VE3AWA

From 1929 REL Flier

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13173. RE: [AWA Group] Info on early REL radios? [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-11 12:11:34 UTC
From: Mike Feher
Topic: 13168 Message: 13173

Did you see the eBay link I sent? That one may be the same one, and was a BIN for $495. – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, April 11, 2016 8:08 AM
To: AWAGroup
Subject: Re: [AWA Group] Info on early REL radios? [1 Attachment]

☐

Thanks for the contact info! Here are photos of my Model 278. It's in very good condition, with three coils (80m, 40m, 20m). 73, Art Lebermann W6REQ

Thank you Art and good morning. We all hate your guts of course, but that's the price of glory...

Wow wow wow... Looking it over forgot to breath. Beyond possible cleaning, have you restored it in any way? How did it come your way? Have you "put it on the air"? Would $10K get it?

73, Lou

VE3AWA

From 1929 REL Flier

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13174. Re: [AWA Group] Info on early REL radios?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-11 12:18:11 UTC
From: Louis Vermond
Topic: 13168 Message: 13174

Mike, I went to it, but has dead. Zip. No matter...
----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-04-11 8:11 AM
Subject: RE: [AWA Group] Info on early REL radios?

Did you see the eBay link I sent? That one may be the same one, and was a BIN for $495. – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

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13175. RE: [AWA Group] Info on early REL radios?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-11 12:19:49 UTC
From: Mike Feher
Topic: 13168 Message: 13175

Try this. It still works for me. – Mike

http://www.ebay.com/itm/REL-278-Short-Wave-Receiver-With-Coils-by-Radio-Engineering-Labs-Circa-1931-/291019600085

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, April 11, 2016 8:18 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Info on early REL radios?

☐

Mike, I went to it, but has dead. Zip. No matter...

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup] <mailto:n4fs@eozinc.com%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2016-04-11 8:11 AM

Subject: RE: [AWA Group] Info on early REL radios?

Did you see the eBay link I sent? That one may be the same one, and was a BIN for $495. – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

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13176. RE: [AWA Group] Info on early REL radios?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-11 12:24:34 UTC
From: Mike Feher
Topic: 13168 Message: 13176

Taking a closer look. It does not appear to be the same one, but one just like it. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, April 11, 2016 8:18 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Info on early REL radios?

☐

Mike, I went to it, but has dead. Zip. No matter...

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup] <mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2016-04-11 8:11 AM

Subject: RE: [AWA Group] Info on early REL radios?

Did you see the eBay link I sent? That one may be the same one, and was a BIN for $495. – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

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13177. RE: [AWA Group] Info on early REL radios?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-11 12:27:30 UTC
From: Mike Feher
Topic: 13168 Message: 13177

Well, shit. Now I realize why I can see it and you cant. Seems like I bought it, HI. Now I have to find it. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, April 11, 2016 8:18 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Info on early REL radios?

☐

Mike, I went to it, but has dead. Zip. No matter...

----- Original Message -----

From: 'Mike Feher' n4fs@eozinc.com [AWAGroup] <mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2016-04-11 8:11 AM

Subject: RE: [AWA Group] Info on early REL radios?

Did you see the eBay link I sent? That one may be the same one, and was a BIN for $495. – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

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13178. RE: [AWA Group] Info on early REL radios?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-11 12:30:05 UTC
From: Mike Feher
Topic: 13168 Message: 13178
Attachments: 1 described; binary payloads are missing from this source WARC

Here is mine, from one of the eBay photos. This getting old sucks. – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, April 11, 2016 8:18 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Info on early REL radios?

☐

Mike, I went to it, but has dead. Zip. No matter...

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup] <mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2016-04-11 8:11 AM

Subject: RE: [AWA Group] Info on early REL radios?

Did you see the eBay link I sent? That one may be the same one, and was a BIN for $495. – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

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13179. Re: [AWA Group] Info on early REL radios?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-11 14:44:02 UTC
From: Louis Vermond
Topic: 13168 Message: 13179
Attachments: 1 described; binary payloads are missing from this source WARC

Ya know, I had a hunch... But why only one bidder?!

REL became more sophisticated in their designs and workmanship inside and out with this. Quite impressive. Comparing looks, the SW-3 is an industrial box.

Hope that Art and you fire them up and give the Group a report on its electrical comparison with the SW-3.

73, Lou

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https://www.avast.com/antivirus

13180. RE: [AWA Group] Info on early REL radios?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-11 15:02:34 UTC
From: Mike Feher
Topic: 13168 Message: 13180
Attachments: 1 described; binary payloads are missing from this source WARC

Well, your hunch was better than mine. I had assumed that Art bought it, till I learned otherwise. I looked in the house and it is not in here, so, it must be out in the shed. It is in the 60's, so, I may go out there in a while and see if I can locate it. It will be a while till I will be able to make comparisons, or even hook up any of my OT rigs (HI). Need to do a lot of organization and will need my sons help for that. Anyway, after this week, I will be retired and once I get used to the idea, I hope to get back into just playing radio and selling on eBay. Why only one bid, I do not know. Maybe it was a BIN, or, maybe no one else wanted it as his starting price was what I paid, which was $495. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, April 11, 2016 10:44 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Info on early REL radios?

☐

Ya know, I had a hunch... But why only one bidder?!

REL became more sophisticated in their designs and workmanship inside and out with this. Quite impressive. Comparing looks, the SW-3 is an industrial box.

Hope that Art and you fire them up and give the Group a report on its electrical comparison with the SW-3.

73, Lou

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13181. Re: [AWA Group] Info on early REL radios?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-11 16:29:25 UTC
From: Larry Szendrei
Topic: 13168 Message: 13181

On 4/11/16 10:44 AM, 'Louis Vermond' ldvermond@... [AWAGroup]
wrote:
>
> REL became more sophisticated in their designs and workmanship inside
> and out with this. Quite impressive. Comparing looks, the SW-3 is an
> industrial box.
>
> Hope that Art and you fire them up and give the Group a report on its
> electrical comparison with the SW-3.
> 73, Lou
A pretty radio indeed, but my guess would be its performance is inferior
to the SW-3. For one thing, there is no TRF stage. For another, the
design appears similar to the Gross Eagle, of which I've had the
opportunity to try out a couple of examples. My impression of that set,
although it worked OK, was that it was a toy compared to the SW-3.

73,
-Larry/NE1S

13182. RE: [AWA Group] Info on early REL radios?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-11 16:39:50 UTC
From: Preston Clark
Topic: 13168 Message: 13182

That looks like a good one easy to build from scratch I'm a newbie but how do you wind the coils
Thanks
Preston Clark

13183. Re: [AWA Group] Info on early REL radios?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-11 18:23:11 UTC
From: Art Lebermann
Topic: 13168 Message: 13183
Attachments: 1 described; binary payloads are missing from this source WARC

Mike and the Group....

Here's a little more background on this radio. I'm a member of the California Historical Radio Society, and I purchased this radio from one of our members at a swap meet – about five years ago. I had no idea of the value, though I did recognize the "REL" logo. My friend didn't know much about it either, which is probably why we agreed on a price of $50 (yes – $50!). It's been sitting on a shelf in my shop since then. I'm in the process of organizing my collection, and "re-discovered" it. I thought it would be interesting to see how it worked, but found very little info on the Internet. As a member of AWA, this seemed like a good place to post a request. It looks like my unit is complete, except for missing the dial scales behind the "regen" and "gain" controls.

Does anyone have a schematic for the 278? I can trace the circuit, but a schematic would help! I do have a National SW-3, so I can make a comparison test – when I get them both operating. FYI – I'm a broadcast engineer, recently retired from full-time work with Cumulus Media in San Francisco. I'm now doing independent "contract" work for Bay Area radio stations, so I'll have a little more time for the radio restoration projects.

73,
Art Lebermann
W6REQ

From: mailto:AWAGroup@yahoogroups.com
Sent: Monday, April 11, 2016 8:02 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Info on early REL radios?

Well, your hunch was better than mine. I had assumed that Art bought it, till I learned otherwise. I looked in the house and it is not in here, so, it must be out in the shed. It is in the 60's, so, I may go out there in a while and see if I can locate it. It will be a while till I will be able to make comparisons, or even hook up any of my OT rigs (HI). Need to do a lot of organization and will need my sons help for that. Anyway, after this week, I will be retired and once I get used to the idea, I hope to get back into just playing radio and selling on eBay. Why only one bid, I do not know. Maybe it was a BIN, or, maybe no one else wanted it as his starting price was what I paid, which was $495. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, April 11, 2016 10:44 AM

To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Info on early REL radios?

☐

Ya know, I had a hunch... But why only one bidder?!

REL became more sophisticated in their designs and workmanship inside and out with this. Quite impressive. Comparing looks, the SW-3 is an industrial box.

Hope that Art and you fire them up and give the Group a report on its electrical comparison with the SW-3.

73, Lou

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13184. 1BGF Tuner building

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-11 23:03:07 UTC
From: aflowers@frontiernet.net
Topic: 13184 Message: 13184

I'm intending to build a 1924 style station. It's an interesting time since this is the year that the 80, 40, and 20m bands were opened to all amateurs and there is a great deal of interest in building "short wave" receivers that can tune the new bands.
For the RX, the "1BGF" Tuner looks like a pretty good way to go since it has continuous adjustments for antenna coupling and feedback, and I think I would have an easier go of it that dealing with switched inductances and stray capacitances in the (older) Reinartz design. It also seems to be pretty popular. A quick look through the 1924 QSL cards on for sale on eBay shows quite a few "1BGF" or "QST Low-Loss" receivers being used, and the article only came out in February of that year! I'd like to build it for 80m, and maybe for 40, though I have my doubts whether I could get it to work in both places with the same coils. This would be my first hollow-state regenerative receiver project.
Has any one built one of these and have experience or pictures to share?
Andy K0SM/2

13185. Re: [AWA Group] 1BGF Tuner building

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-11 23:30:08 UTC
From: Louis Vermond
Topic: 13184 Message: 13185

Andy, Do you have to original QST article? Lou

----- Original Message -----
From: 'aflowers@...' aflowers@... [AWAGroup]
To: yahoogroups
Sent: 2016-04-11 7:03 PM
Subject: [AWA Group] 1BGF Tuner building

I'm intending to build a 1924 style station. It's an interesting time since this is the year that the 80, 40, and 20m bands were opened to all amateurs and there is a great deal of interest in building "short wave" receivers that can tune the new bands.

For the RX, the "1BGF" Tuner looks like a pretty good way to go since it has continuous adjustments for antenna coupling and feedback, and I think I would have an easier go of it that dealing with switched inductances and stray capacitances in the (older) Reinartz design. It also seems to be pretty popular. A quick look through the 1924 QSL cards on for sale on eBay shows quite a few "1BGF" or "QST Low-Loss" receivers being used, and the article only came out in February of that year! I'd like to build it for 80m, and maybe for 40, though I have my doubts whether I could get it to work in both places with the same coils. This would be my first hollow-state regenerative receiver project.

Has any one built one of these and have experience or pictures to share?

Andy K0SM/2

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13186. Re: [AWA Group] 1BGF Tuner building

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-11 23:57:58 UTC
From: aflowers@frontiernet.net
Topic: 13184 Message: 13186

Hi Lou,
I don't yet have a copy of the February '24 "Low-Loss tuner" QST article. I've just been looking at some pictures and descriptions to figure out what people built at the time and trying to understand the construction techniques involved. It looks like a pretty standard regenerative circuit with the "innovation" of continuously variable coupling and tickler rather than the use of tapped inductances. I don't need to make an exact replica of an exact radio, but rather more of a process recreation to learn something about how one went about it with period parts.
The Browning-Drake "Regenaformer" BC receiver I have here is one that uses a continuously variable feedback, and input gain to the detector is by means of a TRF stage. The typical ham receiver doesn't seem to have this TRF front end in 1924, although there is some discussion of it in the radio periodicals in 1924-25, probably thanks to the popularity of the BD design. I presume it would be "cutting edge" in 1924 to use a TRF at short wave (I think I saw only one card out of more than 20 from late 1924 that mentioned one step RF).
Anyway, the dual-coupling would be very handy to both reduce the coupling between the oscillator and the antenna as well as provide some amount of RF gain.
My only experience with a regen was a solid-state Ramsey kit I built as a teenager I don't remember much about it!
Andy K0SM/2

On Monday, April 11, 2016 7:29 PM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

☐Andy, Do you have to original QST article? Lou
----- Original Message ----- From: mailto:'aflowers@...'%20aflowers@...%20[AWAGroup] To: yahoogroups Sent: 2016-04-11 7:03 PM Subject: [AWA Group] 1BGF Tuner building

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Has any one built one of these and have experience or pictures to share?
Andy K0SM/2

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13187. 1BGF Tuner building

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-12 00:34:21 UTC
From: Louis Vermond
Topic: 13184 Message: 13187
Attachments: 1 described; binary payloads are missing from this source WARC

I don't yet have a copy of the February '24 "Low-Loss tuner" QST article.

Andy, I will send directly the rather long article. Anyone else?

I know there was a close reproduction built in the last 20 years or so. I can see the photo of it. Perhaps in an OTB? N4FS...recall that?

Ken, W2BGN (real Old Timer) told me that to maintain the positions of L1 & L3, the knobs/dials were tight up against the front panel.

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https://www.avast.com/antivirus

13188. Re: [AWA Group] 1BGF Tuner building

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-12 00:43:13 UTC
From: Eric NO3M
Topic: 13184 Message: 13188

Lou

Thanks for posting page 9! The article download from the ARRL is missing page 9, instead has page 11 in it's place (page 11 in the article twice).

A 1BGF:

http://n6jv.com/1924.htm

and a Schnell:

http://www.sparkbench.com/homebrew/schnell/schnell.html

73 Eric NO3M

13189. Re: [AWA Group] 1BGF Tuner building

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-12 00:50:09 UTC
From: Louis Vermond
Topic: 13184 Message: 13189
Attachments: 1 described; binary payloads are missing from this source WARC

Tks Eric. It's not the repro I have in mind, but a nice one for sure. Lou

---
This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13190. Re: [AWA Group] 1BGF Tuner building [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-12 00:56:25 UTC
From: Michael Bittner
Topic: 13190 Message: 13190

No grid leak resistor. Must use a soft tube. UX or UV 200? Mike W6MAB
-
-
----- Original Message -----
From: 'Louis Vermond' ldvermond@sympatico.ca [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Monday, April 11, 2016 5:50 PM
Subject: Re: [AWA Group] 1BGF Tuner building [1 Attachment]

☐

Tks Eric. It's not the repro I have in mind, but a nice one for sure. Lou

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https://www.avast.com/antivirus

13191. Re: [AWA Group] 1BGF Tuner building

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-12 01:00:01 UTC
From: Eric NO3M
Topic: 13184 Message: 13191

The 1BGF and Schnell are very similar, the main difference appears to be a split secondary inductance, elaborated upon in the caption below the schematic of the Schnell:

"The two-part secondary completely avoids inter-action between the tickler and the antenna-coupling. Either one of them can be moved around without causing the note to slide around, as is the annoying habit of ordinary tuners."

In that respect, the Schnell is better.

Interesting that the grid leak is missing in the 1BGF schematic and not the Schnell....

On 04/11/2016 08:43 PM, Eric NO3M no3m@... [AWAGroup] wrote:
>
> Lou
>
> Thanks for posting page 9! The article download from the ARRL is
> missing page 9, instead has page 11 in it's place (page 11 in the
> article twice).
>
> A 1BGF:
>
> http://n6jv.com/1924.htm
>
> and a Schnell:
>
> http://www.sparkbench.com/homebrew/schnell/schnell.html
>
> 73 Eric NO3M
>
>
> --
>

13192. Re: [AWA Group] 1BGF Tuner building

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-12 01:16:18 UTC
From: aflowers@frontiernet.net
Topic: 13184 Message: 13192
Attachments: 1 described; binary payloads are missing from this source WARC

There's a addendum in QST March 1924 p. 26 (attached) that specifies the number of turns for the secondary (L2), which was accidentally left out of the February article (24 turns for ham bands).
Andy K0SM/2

On Monday, April 11, 2016 9:00 PM, "Eric NO3M no3m@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  The 1BGF and Schnell are very similar, the main difference appears to be a split secondary inductance, elaborated upon in the caption below the schematic of the Schnell:

"The two-part secondary completely avoids inter-action between the tickler and the antenna-coupling. Either one of them can be moved around without causing the note to slide around, as is the annoying habit of ordinary tuners."

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On 04/11/2016 08:43 PM, Eric NO3M no3m@... [AWAGroup] wrote:

  Lou

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missing page 9, instead has page 11 in it's place (page 11 in the
article twice).

A 1BGF:

http://n6jv.com/1924.htm

and a Schnell:

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73 Eric NO3M

13193. Re: [AWA Group] 1BGF Tuner building

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-12 02:54:59 UTC
From: dulmagedon@...
Topic: 13184 Message: 13193
Attachments: 2 described; binary payloads are missing from this source WARC

There I was running my 1930s style station when this popped up on the screen over on the next desk. Would be a lot of fun. Something about using a regen to listen and a period correct matching Tx to transmit that has a special fun. I was at that moment comparing the signals between a 9R -59 Trio com rx and my 6sl7 regen. The Trio being fed by several hundred feet of antenna and the regen on a 10 inch window loop(here is the loop) . No comparison. Regen wins hands down. Was listening to N8AFT, Lane, in Columbus Oh in qso with another VE3. Might give it a shot before turning in and see who I can raise. 3555kcs.
Hope you build it the 24 QST rx or something similar. They are a lot of fun and work very well. My 1920s regen that I use is downstairs with the old rigs. It is currently running a pair of 26 tubes although 01As would probably work better. There is one up here too but I havent had it going for a year or so. Maybe it is time.
A coal Oil lamp or a candle would add to the moment. Hope it goes well for you.
donVe3LYX

13194. Re: [AWA Group] 1BGF Tuner building

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-12 03:22:44 UTC
From: dulmagedon@...
Topic: 13184 Message: 13194
Attachments: 1 described; binary payloads are missing from this source WARC

Whoops, Right church, wrong pew. Wrong station. Very sorry. Here is the right one. Although it is a regen and a 80M tx. As Mike said earlier about getting old!
donVe3LYX

13195. Re: [AWA Group] 1BGF Tuner building

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-12 03:24:52 UTC
From: dulmagedon@...
Topic: 13184 Message: 13195
Attachments: 1 described; binary payloads are missing from this source WARC

whoops. Wrong century

13196. Regen tips from the field

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-12 13:29:22 UTC
From: dulmagedon@...
Topic: 13196 Message: 13196

I love regens , I guess that is no secret. Simply put because they really perform. over the many years I have been building them (since about 1964) i have changed some of the things I do. So I will just mention them in case it might help someone else.
Plug in coils. For years one big obstacle was finding plug in coil forms and many a project was on hold as I searched for a new source or made them from old tube bases. Then one day i realized I never changed them anyway. For instance my twinplex while it has coils for 80 40 and 20m has never been used on anything but 80M by me and I have had it something like 34 years or so. So now I don't bther with plug ins but build fixed coils like I do for my TXs as well.
Antenna. When first building I thought a big antenna was the answer. And resonant would be good. Now I know a few feet hung over the curtain rod or my empty gun rack (We are not allowed to display our guns here so other then BB guns it is empty) is more then enough. in fact better .A resonat antenna at its sweet spot may cause a dead spot in tuning as it overloads the circuit.
RF front end. I have built them with an RF stage but no more. Totally unnecessary and a hamper to good performance. Radiation is only a few feet if you run your set right and there is no reason not to. In fact the VFO on my DX60B can also be heard when using PTT if I don't switch to standby as can my No 19s osc if I have another RX on when using it in CW ops. Overblown problem. In a properly run set does not exist as a real problem and your set WILL NOT work better with a RF stage. I no longer build them with one. We in North America are consumed witha "More is Better" mentality. In fact in many instances Less is More!
Tubes. Some tubes are much better suited to Regen ops then others. For instance with 1930s/40s tubes a 6sl7 is a much better choice then a 6sn7. Both work but the difference in performance is surprising. Last one I built used 26 tubes. I think 201A would have been a better choice. I prefer triodes having built with both.

Throttle caps work to be sure but I find them very annoying and prefer a pot to control regen .
You can by the way also build a working regen wth no regen adjustment and I have two of those.

Whatever you decide and whatever you build I would encourage you even if it runs against everything I said. there is nothing more fun then sitting in a dim light in the shack earphones on Hartley or TNT at the ready holding a QSO using your regen. Real radio! I used one as much as possible this year in the AWA events and have one of mine running I think i can safely say almost everyday. Doesnt get any better then that. IMO
Oh yeah, Don't beleive everything you read about them. Ie poor selectivity, Not practical , radiate RF to the neighbours etc. Balderdash to be polite. Based on 50+ years of using one on a regular basis..
DonVe3LYX

13197. REL radios and Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-12 14:39:09 UTC
From: Louis Vermond
Topic: 13197 Message: 13197

Anyway, after this week, I will be retired ... Good reason for a party here! FB, Mike. Lou

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13198. Re: [AWA Group] Regen tips from the field

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-12 14:39:48 UTC
From: Michael Bittner
Topic: 13196 Message: 13198

Don, What kind of pot regen control do you prefer? Screen grid voltage, plate voltage, shunt across the tickler coil, pot in series with a fixed throttle capacitor, or something else I haven't thought of?

Also. why is a variable throttle capacitor "very annoying"? I'm a regen fan too. Mike, W6MAB
-
-
----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Tuesday, April 12, 2016 6:29 AM
Subject: [AWA Group] Regen tips from the field

Throttle caps work to be sure but I find them very annoying and prefer a pot to control regen .

DonVe3LYX

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https://www.avast.com/antivirus

13199. Re: [AWA Group] Re: Rheostat question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-12 14:57:09 UTC
From: Louis Vermond
Topic: 13146 Message: 13199

I may have a few British rheostats. Will let you know. 73 - Mike Please do, Mike. Lou

---
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13200. Rheostat question es W8KGI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-12 15:00:00 UTC
From: Louis Vermond
Topic: 13200 Message: 13200

You might want to consider using a small Variac on the primary of your filament transformer. Jim, W8KGI

Hi Jim and tks. The rheostat will be rig mounted. CU, Lou

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13201. Re: [AWA Group] Rheostat question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-12 15:07:40 UTC
From: Louis Vermond
Topic: 13146 Message: 13201

Three ohms would give you the most precise adjustment

Thank you, Steve. Now all I have to do is find one marked, 'By Appointment to the King'.

Lou

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13202. Re: [AWA Group] Regen tips from the field

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-12 17:27:10 UTC
From: Leonard Meek
Topic: 13196 Message: 13202

I'll file this away for future reference, but it kind of discourages my efforts on my Mk.28 Supergenodyne just when I was getting it to work right. I'm laying out my Mk.30 Supergenodyne now, which may be my last AC set. I want to get into battery sets while I still can, and I'm going to use some of Don's findings.

Leonard

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Tuesday, April 12, 2016 3:29 AM
Subject: [AWA Group] Regen tips from the field

I love regens , I guess that is no secret. Simply put because they really perform. over the many years I have been building them (since about 1964) i have changed some of the things I do. So I will just mention them in case it might help someone else.
Plug in coils. For years one big obstacle was finding plug in coil forms and many a project was on hold as I searched for a new source or made them from old tube bases. Then one day i realized I never changed them anyway. For instance my twinplex while it has coils for 80 40 and 20m has never been used on anything but 80M by me and I have had it something like 34 years or so. So now I don't bther with plug ins but build fixed coils like I do for my TXs as well.
Antenna. When first building I thought a big antenna was the answer. And resonant would be good. Now I know a few feet hung over the curtain rod or my empty gun rack (We are not allowed to display our guns here so other then BB guns it is empty) is more then enough. in fact better .A resonat antenna at its sweet spot may cause a dead spot in tuning as it overloads the circuit.
RF front end. I have built them with an RF stage but no more. Totally unnecessary and a hamper to good performance. Radiation is only a few feet if you run your set right and there is no reason not to. In fact the VFO on my DX60B can also be heard when using PTT if I don't switch to standby as can my No 19s osc if I have another RX on when using it in CW ops. Overblown problem. In a properly run set does not exist as a real problem and your set WILL NOT work better with a RF stage. I no longer build them with one. We in North America are consumed witha "More is Better" mentality. In fact in many instances Less is More!

Tubes. Some tubes are much better suited to Regen ops then others. For instance with 1930s/40s tubes a 6sl7 is a much better choice then a 6sn7. Both work but the difference in performance is surprising. Last one I built used 26 tubes. I think 201A would have been a better choice. I prefer triodes having built with both.

Throttle caps work to be sure but I find them very annoying and prefer a pot to control regen .

You can by the way also build a working regen wth no regen adjustment and I have two of those.

Whatever you decide and whatever you build I would encourage you even if it runs against everything I said. there is nothing more fun then sitting in a dim light in the shack earphones on Hartley or TNT at the ready holding a QSO using your regen. Real radio! I used one as much as possible this year in the AWA events and have one of mine running I think i can safely say almost everyday. Doesnt get any better then that. IMO

Oh yeah, Don't beleive everything you read about them. Ie poor selectivity, Not practical , radiate RF to the neighbours etc. Balderdash to be polite. Based on 50+ years of using one on a regular basis..

DonVe3LYX

13203. Re: [AWA Group] Regen tips from the field

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-12 19:25:50 UTC
From: Don Dulmage
Topic: 13196 Message: 13203

I use plate voltage pot for regen. Why did I find the throtle cap annoying? MMMMMMMMM I was just never comfortable with it and it required constant adjustment. My best regens rarely require any adjustment on the pot. I finally removed it from the first one I used it on and replaced it with a plate circuit pot. But still have it on the breadboarded Regen I built. It bothers freq some as well (although not a lot) which the pot does not. I won't monkey with the breadboarded one as it is working and is as it should be and is a classic from the ARRL handbook. I dont use a pot in the screen anymore as I have forbidden myself from building any more non triode regens. They never work as well as a twinplex dual triode. I suspect there are some accidental things that go on inside a single envelope twin triode that are not scripted. Those dang things just flat out work, every time and very well too. Best place for a beam power tube in the mix is an additional final Audio Amp and they do a good job there. IE 6v6 etc. That has been my experience. So i would say if you want to add an extra stagean extra Audio PA would be my pic and my one set has that. An Audio filter can also be included giving you a real decent performer.
BTW got some QRO in today. Was interviewed by the local radio station live. Also very interesting as it is a small outfit and all was visable. Busy place! New experience which is always interesting.
donVe3LYX

On Tue, 4/12/16, 'Michael Bittner' mmab@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Regen tips from the field
To: AWAGroup@yahoogroups.com
Received: Tuesday, April 12, 2016, 10:39 AM

☐

Don, What kind of pot regen control do you
prefer? Screen grid
voltage, plate voltage, shunt across the tickler coil, pot
in series with a
fixed throttle capacitor, or something else I haven't
thought of?

Also. why is a variable throttle capacitor "very
annoying"?   I'm a regen fan too.   Mike,
W6MAB
-
-

----- Original Message -----

From:
dulmagedon@...
[AWAGroup]
To: AWAGroup@yahoogroups.com

Sent: Tuesday, April
12, 2016 6:29
AM
Subject: [AWA Group]
Regen tips from the
field

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prefer a pot to control regen .
DonVe3LYX

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antivirus software.

www.avast.com

13204. Re: [AWA Group] Regen tips from the field

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-12 19:30:54 UTC
From: Don Dulmage
Topic: 13196 Message: 13204

Dont let me discourage your Leonard. You have probably built more regens then any man alive. I have been watching.
don

On Tue, 4/12/16, 'Leonard Meek' lemeek@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Regen tips from the field
To: AWAGroup@yahoogroups.com
Received: Tuesday, April 12, 2016, 1:27 PM

☐

I'll file this away for future reference, but
it kind of discourages my
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Leonard

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To: AWAGroup@yahoogroups.com

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no regen adjustment
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Whatever you decide and whatever you build I
would encourage you even
if it runs against everything I said. there is nothing
more fun then sitting
in a dim light in the shack earphones on Hartley or TNT at
the ready holding a
QSO using your regen. Real radio! I used one as much as
possible this year in
the AWA events and have one of mine running I think i can
safely say almost
everyday. Doesnt get any better then that.
IMO
Oh yeah, Don't beleive everything you read
about them. Ie poor
selectivity, Not practical , radiate RF to the
neighbours etc.
Balderdash to be polite. Based on 50+ years of using one
on a regular
basis..
DonVe3LYX

13205. Re: [AWA Group] Regen tips from the field

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-12 21:43:36 UTC
From: Michael Bittner
Topic: 13196 Message: 13205

Don, Thanks for your explanation. There's one other possibility which is a rheostat in the filament circuit of battery-type detector tubes. I've used that on an 01A regen. Mike, W6MAB
-
-
----- Original Message -----
From: Don Dulmage dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Tuesday, April 12, 2016 12:25 PM
Subject: Re: [AWA Group] Regen tips from the field

I use plate voltage pot for regen. Why did I find the throtle cap annoying? MMMMMMMMM I was just never comfortable with it and it required constant adjustment. My best regens rarely require any adjustment on the pot. I finally removed it from the first one I used it on and replaced it with a plate circuit pot. But still have it on the breadboarded Regen I built. It bothers freq some as well (although not a lot) which the pot does not. I won't monkey with the breadboarded one as it is working and is as it should be and is a classic from the ARRL handbook. I dont use a pot in the screen anymore as I have forbidden myself from building any more non triode regens. They never work as well as a twinplex dual triode. I suspect there are some accidental things that go on inside a single envelope twin triode that are not scripted. Those dang things just flat out work, every time and very well too. Best place for a beam power tube in the mix is an additional final Audio Amp and they do a good job there. IE 6v6 etc. That has been my experience. So i would say if you want to add an extra stagean extra Audio PA would be my pic and my one set has that. An Audio filter can also be included giving you a real decent performer.
BTW got some QRO in today. Was interviewed by the local radio station live. Also very interesting as it is a small outfit and all was visable. Busy place! New experience which is always interesting.
donVe3LYX

On Tue, 4/12/16, 'Michael Bittner' mmab@cox.net [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Regen tips from the field
To: AWAGroup@yahoogroups.com
Received: Tuesday, April 12, 2016, 10:39 AM

☐

Don, What kind of pot regen control do you
prefer? Screen grid
voltage, plate voltage, shunt across the tickler coil, pot
in series with a
fixed throttle capacitor, or something else I haven't
thought of?

Also. why is a variable throttle capacitor "very
annoying"? I'm a regen fan too. Mike,
W6MAB
-
-

----- Original Message -----

From:
dulmagedon@...
[AWAGroup]
To: AWAGroup@yahoogroups.com

Sent: Tuesday, April
12, 2016 6:29
AM
Subject: [AWA Group]
Regen tips from the
field

Throttle caps work to be sure but I find them
very annoying and
prefer a pot to control regen .
DonVe3LYX

This email has been checked for viruses by Avast
antivirus software.

www.avast.com

13206. FYI... British RAF Receiver R1155A (1940)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-13 01:12:28 UTC
From: Louis Vermond
Topic: 13206 Message: 13206

http://www.duxfordradiosociety.org/restoration/equip/r1155/r1155.html

---
This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13207. RE: [AWA Group] FYI... British RAF Receiver R1155A (1940)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-13 01:23:59 UTC
From: Mike Feher
Topic: 13206 Message: 13207

Another one that I have down in the basement. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, April 12, 2016 9:12 PM
To: AWAGroup
Subject: [AWA Group] FYI... British RAF Receiver R1155A (1940)

http://www.duxfordradiosociety.org/restoration/equip/r1155/r1155.html

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campai
gn=sig-email&utm_content=emailclient>

Virus-free.
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campai
gn=sig-email&utm_content=emailclient> www.avast.com

13208. RE: [AWA Group] FYI... British RAF Receiver R1155A (1940)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-13 02:36:09 UTC
From: Don Dulmage
Topic: 13206 Message: 13208

I had a Canadian Navy variant. CR5A. It was NIB. I unpacked it. Bought it from Ford Surplus in Prospect Ontario
. He had several. Do you have an T1154 as well Mike?
donVe3LYX
On Tue, 4/12/16, 'Mike Feher' n4fs@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: RE: [AWA Group] FYI... British RAF Receiver R1155A (1940)
To: AWAGroup@yahoogroups.com
Received: Tuesday, April 12, 2016, 9:23 PM

Another one that I
have down in the basement. 73 – Mike
 Mike B. Feher,
N4FS89 Arnold
Blvd.Howell, NJ,
07731732-886-5960

 From: AWAGroup@yahoogroups.com
[mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, April 12, 2016 9:12 PM
To: AWAGroup
Subject: [AWA Group] FYI... British RAF
Receiver R1155A (1940)
http://www.duxfordradiosociety.org/restoration/equip/r1155/r1155.html Virus-free.
www.avast.com

13209. RE: [AWA Group] FYI... British RAF Receiver R1155A (1940)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-13 02:39:38 UTC
From: Mike Feher
Topic: 13206 Message: 13209

No Don, I do not have the transmitter. I also have a Canadian Marconi CR5, far from NIB, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, April 12, 2016 10:36 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] FYI... British RAF Receiver R1155A (1940)

I had a Canadian Navy variant. CR5A. It was NIB. I unpacked it. Bought it from Ford Surplus in Prospect Ontario
. He had several. Do you have an T1154 as well Mike?
donVe3LYX
On Tue, 4/12/16, 'Mike Feher' n4fs@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: RE: [AWA Group] FYI... British RAF Receiver R1155A (1940)
To: AWAGroup@yahoogroups.com
Received: Tuesday, April 12, 2016, 9:23 PM

Another one that I
have down in the basement. 73 – Mike
Mike B. Feher,
N4FS89 Arnold
Blvd.Howell, NJ,
07731732-886-5960

From: AWAGroup@yahoogroups.com
[mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, April 12, 2016 9:12 PM
To: AWAGroup
Subject: [AWA Group] FYI... British RAF
Receiver R1155A (1940)
http://www.duxfordradiosociety.org/restoration/equip/r1155/r1155.html Virus-free.
www.avast.com

13210. RE: [AWA Group] FYI... British RAF Receiver R1155A (1940)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-13 11:52:48 UTC
From: dulmagedon@...
Topic: 13206 Message: 13210
Attachments: 2 described; binary payloads are missing from this source WARC

I got mine through my older brother Ron who spent half his life selling surplus. He and Bill Ford dealt often at a wholesale level and he told me about them. I don't know where Bill Ford got them but he had several. i suspect Crown Assets as they both used to be accepted bidders at the Govt disposals. I paid $125 for it and it would have been in the 1980s. pre 1985. They look very similar to a R 1155A except don't have the central tuning control. And they came with a 110v supply installed suitable for the admiral's shore office.
I have another neat deal my brother bought back then. A spy locator radio kit from the "old country" . My brother gave it to my Dad who kept it in his office on display. When Dad moved to a seniors home he gave it to me. It is all there , briefcase and all except the batteries. I never had the nerve to power it up. The manual has been translated to english and you cans see the translation has been pasted over the original pages and copied. Probably by Gestetner. I can tell because it is not page 1 2 0r 3 but Blatt1 Blatt 2 Blatt 3 and I can see the edge of the pasted sheets on the copy. (Blatt means leaf or page in German.)
So do any of your sets ever check out or is your basement like the Black Roach Motel (they check in but they don't check out)
BTW Did I see you were retiring . If so congrats. You will begin now the best job you ever had if that is so.
donVe3LYX

13211. RE: [AWA Group] FYI... British RAF Receiver R1155A (1940) [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-13 12:08:52 UTC
From: Mike Feher
Topic: 13206 Message: 13211

Don –

Very interesting. Could you send me higher resolution photos of that little set? I have enough German sets and manuals to know what Blatt means, HI. A lot of the German WWII equipment have EEIS numbers (Enemy Equipment Information Service) marked on them. Thanks on the kind words regarding retirement. It will be quiet a transition as I have worked all my life. I started working a little after we got to this country, so, by 12 I had a job and later during HS worked almost full time at a radio TV repair shop. I also worked full time throughout college, someone had to pay for it, HI. And of course, ever since. I was on a telecon almost all day yesterday and will be today and tomorrow as well. However, this is my last week. My heart is just no longer in it. I think it will take me some time to get adjusted to my new life, and while I am apprehensive about it now, I know it will be great. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, April 13, 2016 7:53 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] FYI... British RAF Receiver R1155A (1940) [2 Attachments]

I got mine through my older brother Ron who spent half his life selling surplus. He and Bill Ford dealt often at a wholesale level and he told me about them. I don't know where Bill Ford got them but he had several. i suspect Crown Assets as they both used to be accepted bidders at the Govt disposals. I paid $125 for it and it would have been in the 1980s. pre 1985. They look very similar to a R 1155A except don't have the central tuning control. And they came with a 110v supply installed suitable for the admiral's shore office.
I have another neat deal my brother bought back then. A spy locator radio kit from the "old country" . My brother gave it to my Dad who kept it in his office on display. When Dad moved to a seniors home he gave it to me. It is all there , briefcase and all except the batteries. I never had the nerve to power it up. The manual has been translated to english and you cans see the translation has been pasted over the original pages and copied. Probably by Gestetner. I can tell because it is not page 1 2 0r 3 but Blatt1 Blatt 2 Blatt 3 and I can see the edge of the pasted sheets on the copy. (Blatt means leaf or page in German.)
So do any of your sets ever check out or is your basement like the Black Roach Motel (they check in but they don't check out)
BTW Did I see you were retiring . If so congrats. You will begin now the best job you ever

had if that is so.
donVe3LYX

13212. RE: [AWA Group] FYI... British RAF Receiver R1155A (1940) [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-13 12:51:16 UTC
From: dulmagedon@...
Topic: 13206 Message: 13212

re blatt , It wasn't you I was worried about.
Yes Mike I will take some hi res phtos probably today and will go to a wifi connection to send them to you. This sever won't send anything over 150K on my dial up connection and we don't have much alternative here on the island unless we pay a fortune extra.
For me when I retired the first 90 days or so were the worst. So much of a man is defined in his head by what he does all of the sudden that is gone. However that is just in our head. Others don't measure us that way but it takes awhile to get that to register. I found once a week breakfast with an old croonie or croonies was a real big help. I miss the contact with others I guess. Even the idiots. Without them around it was like going hunting and never seeing a rabbit. ;>) After a bit it becomes ok and you begin to enjoy life in a way you and I probably never did when young. I also worked, always even as a kid. Not much play. The last few years though have been unbelievable. In fact sometimes I have to pinch myself. This group and this hobby is a great asset as well. You will be fine. I don't know if you are musical but if so peruse it . Lots of jams or stuff to do with that and it is great therapy. Volunteering is good too. Historical societies, Fair boards etc are good one.
Ah U'll be fine. Awake each morning thinking "What will we make or work on today?
All the best
donVe3LYX

13213. Re: [AWA Group] FYI... British RAF Receiver R1155A (1940)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-13 13:25:28 UTC
From: Roger Kuchera
Topic: 13206 Message: 13213

Hi Mike, Congrats on your retirement!! I have been out of the "loop" for 15 years and I really don't miss"Corporate America," in the least. After 47 years I had had enough. The best of it all was my 4years in the US Navy.
Roger/K1TG

On Wednesday, April 13, 2016 8:51 AM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv3659782620 #yiv3659782620 -- #yiv3659782620 .yiv3659782620ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv3659782620 div.yiv3659782620ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv3659782620 div.yiv3659782620photo-title a, #yiv3659782620 div.yiv3659782620photo-title a:active, #yiv3659782620 div.yiv3659782620photo-title a:hover, #yiv3659782620 div.yiv3659782620photo-title a:visited {text-decoration:none;}#yiv3659782620 div.yiv3659782620attach-table div.yiv3659782620attach-row {clear:both;}#yiv3659782620 div.yiv3659782620attach-table div.yiv3659782620attach-row div {float:left;}#yiv3659782620 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv3659782620 div.yiv3659782620ygrp-file {width:30px;}#yiv3659782620 div.yiv3659782620attach-table div.yiv3659782620attach-row div div a {text-decoration:none;}#yiv3659782620 div.yiv3659782620attach-table div.yiv3659782620attach-row div div span {font-weight:normal;}#yiv3659782620 div.yiv3659782620ygrp-file-title {font-weight:bold;}#yiv3659782620 #yiv3659782620 #yiv3659782620 #yiv3659782620 --#yiv3659782620ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv3659782620 #yiv3659782620ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv3659782620 #yiv3659782620ygrp-mkp #yiv3659782620hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv3659782620 #yiv3659782620ygrp-mkp #yiv3659782620ads {margin-bottom:10px;}#yiv3659782620 #yiv3659782620ygrp-mkp .yiv3659782620ad {padding:0 0;}#yiv3659782620 #yiv3659782620ygrp-mkp .yiv3659782620ad p {margin:0;}#yiv3659782620 #yiv3659782620ygrp-mkp .yiv3659782620ad a {color:#0000ff;text-decoration:none;}#yiv3659782620

re blatt , It wasn't you I was worried about.
Yes Mike I will take some hi res phtos probably today and will go to a wifi connection to send them to you. This sever won't send anything over 150K on my dial up connection and we don't have much alternative here on the island unless we pay a fortune extra.
For me when I retired the first 90 days or so were the worst. So much of a man is defined in his head by what he does all of the sudden that is gone. However that is just in our head. Others don't measure us that way but it takes awhile to get that to register. I found once a week breakfast with an old croonie or croonies was a real big help. I miss the contact with others I guess. Even the idiots. Without them around it was like going hunting and never seeing a rabbit. ;>) After a bit it becomes ok and you begin to enjoy life in a way you and I probably never did when young. I also worked, always even as a kid. Not much play. The last few years though have been unbelievable. In fact sometimes I have to pinch myself. This group and this hobby is a great asset as well. You will be fine. I don't know

if you are musical but if so peruse it . Lots of jams or stuff to do with that and it is great therapy. Volunteering is good too. Historical societies, Fair boards etc are good one.
Ah U'll be fine. Awake each morning thinking "What will we make or work on today?
All the best
donVe3LYX

13214. RE: [AWA Group] FYI... British RAF Receiver R1155A (1940)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-13 13:32:31 UTC
From: Mike Feher
Topic: 13206 Message: 13214

Roger –

Well, the good part is that at least the last 20 years I have been my own boss and the last 15 of that working out of my house. That did not however isolate me from all of the BS, HI. My first 20 years of my real professional career was in ASW systems. So, being in the Navy you may have encountered some of the equipment I worked and designed. Initially most went into a P3. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, April 13, 2016 9:25 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] FYI... British RAF Receiver R1155A (1940)

Hi Mike,

Congrats on your retirement!! I have been out of the "loop" for 15 years and I really don't miss

"Corporate America," in the least. After 47 years I had had enough. The best of it all was my 4

years in the US Navy.

Roger/K1TG

On Wednesday, April 13, 2016 8:51 AM, "dulmagedon@... [AWAGroup] <mailto:dulmagedon@...%20[AWAGroup]> " <AWAGroup@yahoogroups.com> wrote:

re blatt , It wasn't you I was worried about.
Yes Mike I will take some hi res phtos probably today and will go to a wifi connection to send them to you. This sever won't send anything over 150K on my dial up connection and we don't have much alternative here on the island unless we pay a fortune extra.
For me when I retired the first 90 days or so were the worst. So much of a man is defined in his head by what he does all of the sudden that is gone. However that is just in our head. Others don't measure us that way but it takes awhile to get that to register. I found once a week breakfast with an old croonie or croonies was a real big help. I miss the contact with others I guess. Even the idiots. Without them around it was like going hunting and never seeing a rabbit. ;>) After a bit it becomes ok and you begin to enjoy life in a way you and I probably never did when young. I also worked, always even as a kid. Not much play. The last few years though have been unbelievable. In fact sometimes I have to pinch

myself. This group and this hobby is a great asset as well. You will be fine. I don't know if you are musical but if so peruse it . Lots of jams or stuff to do with that and it is great therapy. Volunteering is good too. Historical societies, Fair boards etc are good one.
Ah U'll be fine. Awake each morning thinking "What will we make or work on today?
All the best
donVe3LYX

13215. Maple Syrup Net Tonight

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-13 18:03:01 UTC
From: Louis Vermond
Topic: 13215 Message: 13215
Attachments: 1 described; binary payloads are missing from this source WARC

Last Wednesday evening the Vast Net Majority voted that the Net start time be moved from 7:30 to 8PM.

Tonight
3843kc. @ 8PM
All modes welcomed...

"I hope N3IBX be on tonight" ... Here a sigh

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13216. Its beginning to look a lot like Christmas

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-13 19:20:53 UTC
From: dulmagedon@...
Topic: 13216 Message: 13216
Attachments: 2 described; binary payloads are missing from this source WARC

Both tubes arrived today. An A408 (Re84 eq) from Austria, 1926 variety and a 210 from Quebec. I have to make a socket for the German tube.(4 pin European) and then I can do some more on my Meissner build.
The 210 will find a home quickly I think. In a few minutes after I keep my promise to Mike.
donVe3LYX

13217. Re: Maple Syrup Net Tonight

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-13 21:40:37 UTC
From: dulmagedon@...
Topic: 13215 Message: 13217

"All modes welcomed..."
Ok, I have my new 210tube installed in my katmoded hartley and it seems to work fine on 3843kcs. You will probably hear me checking the tune before speaking.(whoop wooop) Hope some one has an AM switch on their RX. I will go to SSB after that but I have to go upstairs. I will be late but there.
donVe3LYX

13218. Re: [AWA Group] Its beginning to look a lot like Christmas [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-13 22:55:08 UTC
From: Louis Vermond
Topic: 13218 Message: 13218

Congrats Don.

Pse send a photo showing the pin end of the A408. Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13219. Re: [AWA Group] Re: Maple Syrup Net Tonight

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-13 23:04:12 UTC
From: Louis Vermond
Topic: 13215 Message: 13219

FB Don. Suggest that you first call in on SSB then we'll know when you're ready to amaze us. Lou

"All modes welcomed..."
Ok, I have my new 210 tube installed in my cathode modulated Hartley and it seems to work fine on 3843kcs. You will probably hear me checking the tune before speaking.(whoop wooop) Hope some one has an AM switch on their RX. I will go to SSB after that but I have to go upstairs to second stn. I will be late but there.
donVe3LYX

.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13220. Re: [AWA Group] Its beginning to look a lot like Christmas [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 01:24:20 UTC
From: dulmagedon@...
Topic: 13218 Message: 13220
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

13221. Re: [AWA Group] Its beginning to look a lot like Christmas [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 01:38:03 UTC
From: Louis Vermond
Topic: 13221 Message: 13221
Attachments: 1 described; binary payloads are missing from this source WARC

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13222. RE: [AWA Group] Its beginning to look a lot like Christmas [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 01:46:17 UTC
From: Mike Feher
Topic: 13218 Message: 13222

That is standard European basing. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, April 13, 2016 9:24 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Its beginning to look a lot like Christmas [1 Attachment]

13223. Re: [AWA Group] Its beginning to look a lot like Christmas

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 02:00:17 UTC
From: Louis Vermond
Topic: 13216 Message: 13223

Want to know if it is standard UK basing as well.

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-04-13 9:46 PM
Subject: RE: [AWA Group] Its beginning to look a lot like Christmas

That is standard European basing. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, April 13, 2016 9:24 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Its beginning to look a lot like Christmas [1 Attachment]

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13224. RE: [AWA Group] Its beginning to look a lot like Christmas

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 02:05:41 UTC
From: Mike Feher
Topic: 13216 Message: 13224

They were all the same. I have hundreds. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, April 13, 2016 10:00 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Its beginning to look a lot like Christmas

☐

Want to know if it is standard UK basing as well.

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup] <mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2016-04-13 9:46 PM

Subject: RE: [AWA Group] Its beginning to look a lot like Christmas

That is standard European basing. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, April 13, 2016 9:24 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Its beginning to look a lot like Christmas [1 Attachment]

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free. <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13225. Re: [AWA Group] Its beginning to look a lot like Christmas

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 02:14:42 UTC
From: Louis Vermond
Topic: 13216 Message: 13225
Attachments: 2 described; binary payloads are missing from this source WARC

Tks, Mike.

Hundreds? How about a Marconi D.E.T.1 ?

http://www.r-type.org/exhib/aaj0163.htm

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13226. RE: [AWA Group] Its beginning to look a lot like Christmas

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 02:34:56 UTC
From: Mike Feher
Topic: 13216 Message: 13226
Attachments: 2 described; binary payloads are missing from this source WARC

I think I have one of those NIB. Definitely have some with those bases. That is of course totally a non-standard pin structure. There were a lot of non-standard bases as well. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, April 13, 2016 10:15 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Its beginning to look a lot like Christmas

□

Tks, Mike.

Hundreds? How about a Marconi D.E.T.1 ?

http://www.r-type.org/exhib/aaj0163.htm

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free. <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13227. Exciting eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 10:47:11 UTC
From: Louis Vermond
Topic: 13227 Message: 13227

http://www.ebay.com/itm/2-Vintage-old-Cardwell-air-variable-capacitors-XP-290-KS-ham-tube-radio-parts-/191847567663?hash=item2cab01912f:g:8mYAAOSwOfxXBDj3

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13228. DET1 es Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 11:17:54 UTC
From: Louis Vermond
Topic: 13228 Message: 13228
Attachments: 1 described; binary payloads are missing from this source WARC

GM Mike and all,

I think I have one of those NIB. Are we suprised?!

How about a Osram R2A?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13229. RE: [AWA Group] DET1 es Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 11:18:55 UTC
From: Mike Feher
Topic: 13228 Message: 13229
Attachments: 1 described; binary payloads are missing from this source WARC

Not anymore. Had 3 of them but sold them after my divorce along with a lot of other real rare tubes. – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@...m [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, April 14, 2016 7:18 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] DET1 es Mike

□

GM Mike and all,

I think I have one of those NIB. Are we suprised?!

How about a Osram R2A?

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free. <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13230. Re: [AWA Group] DET1 es Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 12:05:04 UTC
From: Louis Vermond
Topic: 13228 Message: 13230
Attachments: 1 described; binary payloads are missing from this source WARC

And what is there filament good condx as below price?

How about a Osram R2A?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13231. RE: [AWA Group] DET1 es Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 12:05:59 UTC
From: Mike Feher
Topic: 13228 Message: 13231
Attachments: 1 described; binary payloads are missing from this source WARC

Is that Canadian English? -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, April 14, 2016 8:05 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] DET1 es Mike

□

And what is there filament good condx as below price?

How about a Osram R2A?

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free. <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13232. Re: [AWA Group] DET1 es Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 12:23:33 UTC
From: Louis Vermond
Topic: 13228 Message: 13232

Is that Canadian English? -

Lazy Canadain English. How's this... And what is there filament-good-condx-as-below price? USD of course...

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13233. RE: [AWA Group] DET1 es Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 12:29:17 UTC
From: Mike Feher
Topic: 13228 Message: 13233

I still do not understand -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, April 14, 2016 8:24 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] DET1 es Mike

□

Is that Canadian English? -

Lazy Canadain English. How's this... And what is there filament-good-condx-as-below price? USD of course...

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free. <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13234. Re: [AWA Group] DET1 es Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 12:41:10 UTC
From: Louis Vermond
Topic: 13228 Message: 13234

What is the going buying price in $USD of a Marconi R2A with a good filament in the physical condition as was shown in the pasted photograph? CW English, "cost gud condx es fil OM? "

And yes, "their".

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-04-14 8:29 AM
Subject: RE: [AWA Group] DET1 es Mike

I still do not understand -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, April 14, 2016 8:24 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] DET1 es Mike

□

Is that Canadian English? -

Lazy Canadain English. How's this... And what is there filament-good-condx-as-below price? USD of course...

Virus-free. www.avast.com

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13235. Re: [AWA Group] Exciting eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 12:41:08 UTC
From: Roger Kuchera
Topic: 13227 Message: 13235

Hi Lou, They appear to be split-stator type condensers.
Roger/K1TG

On Thursday, April 14, 2016 6:46 AM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv0052266843 #yiv0052266843 .yiv0052266843ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv0052266843 div.yiv0052266843ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv0052266843 div.yiv0052266843photo-title a, #yiv0052266843 div.yiv0052266843photo-title a:active, #yiv0052266843 div.yiv0052266843photo-title a:hover, #yiv0052266843 div.yiv0052266843photo-title a:visited {text-decoration:none;}#yiv0052266843 div.yiv0052266843attach-table div.yiv0052266843attach-row {clear:both;}#yiv0052266843 div.yiv0052266843attach-table div.yiv0052266843attach-row div {float:left;}#yiv0052266843 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv0052266843 div.yiv0052266843ygrp-file {width:30px;}#yiv0052266843 div.yiv0052266843attach-table div.yiv0052266843attach-row div div a {text-decoration:none;}#yiv0052266843 div.yiv0052266843attach-table div.yiv0052266843attach-row div div span {font-weight:normal;}#yiv0052266843 div.yiv0052266843ygrp-file-title {font-weight:bold;}#yiv0052266843 -->

http://www.ebay.com/itm/2-Vintage-old-Cardwell-air-variable-capacitors-XP-290-KS-ham-tube-radio-parts-/191847567663?hash=item2cab01912f:g:8mYAAOSwOfxXBDj3

| | Virus-free. www.avast.com |

13236. Re: [AWA Group] DET1 es Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 12:46:06 UTC
From: dulmagedon@...
Topic: 13228 Message: 13236

Wie viel kostes mit gutes heizungen

13237. Re: [AWA Group] DET1 es Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 12:46:34 UTC
From: aflowers@frontiernet.net
Topic: 13228 Message: 13237

Mike,
I'm both functional in conversational Pirate *and* married to a Canadian. (Sorry, Lou...I couldn't resist.)
Roughly translated: "What would one expect to pay for such a tube in the condition pictured, with a good filament, etc.?"

Andy K0SM/2

On Thursday, April 14, 2016 8:29 AM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

I still do not understand - Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, April 14, 2016 8:24 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] DET1 es Mike ☐ Is that Canadian English? -Lazy Canadain English. How's this... And what is there filament-good-condx-as-below price? USD of course...
| | Virus-free. www.avast.com |

13238. Re: [AWA Group] Exciting eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 12:48:57 UTC
From: Louis Vermond
Topic: 13227 Message: 13238

Yes.. and TX spacing! Nw tt Lucky Don has a '10 he'd be interested....12K on the plate and all.

----- Original Message -----
From: Roger Kuchera rwkuchera@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-04-14 8:41 AM
Subject: Re: [AWA Group] Exciting eBay Alert

Hi Lou,
They appear to be split-stator type condensers.

Roger/K1TG

On Thursday, April 14, 2016 6:46 AM, "'Louis Vermond' ldvermond@sympatico.ca [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

http://www.ebay.com/itm/2-Vintage-old-Cardwell-air-variable-capacitors-XP-290-KS-ham-tube-radio-parts-/191847567663?hash=item2cab01912f:g:8mYAAOSwOfxXBDj3

Virus-free. www.avast.com

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13239. Re: [AWA Group] DET1 es Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 12:51:16 UTC
From: Louis Vermond
Topic: 13228 Message: 13239

"How much does a good heating" GoogleTranslate has flipped!

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13240. RE: [AWA Group] DET1 es Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 12:52:43 UTC
From: Mike Feher
Topic: 13228 Message: 13240

Besides the whole sentence structure, it really irks me when people use “there” instead of “their”. Takes a foreigner like me to be a English language Nazi, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, April 14, 2016 8:47 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] DET1 es Mike

Mike,

I'm both functional in conversational Pirate *and* married to a Canadian. (Sorry, Lou...I couldn't resist.)

Roughly translated: "What would one expect to pay for such a tube in the condition pictured, with a good filament, etc.?"

Andy K0SM/2

On Thursday, April 14, 2016 8:29 AM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

I still do not understand -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, April 14, 2016 8:24 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] DET1 es Mike

□

Is that Canadian English? -

Lazy Canadain English. How's this... And what is there filament-good-condx-as-below price? USD of course...

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free. <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13241. Re: [AWA Group] DET1 es Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 12:57:25 UTC
From: Louis Vermond
Topic: 13228 Message: 13241

What would one expect to pay for such a tube in the condition pictured, with a good filament, etc.?"

Ya ya, but this more fun... "cost gud condx es fil OM? "

conversational Pirate You've broken one of Ham Radios Brass Rules...

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13242. Re: [AWA Group] DET1 es Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 12:58:00 UTC
From: Louis Vermond
Topic: 13228 Message: 13242

OK ok, but how much?

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-04-14 8:52 AM
Subject: RE: [AWA Group] DET1 es Mike

Besides the whole sentence structure, it really irks me when people use “there” instead of “their”. Takes a foreigner like me to be a English language Nazi, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, April 14, 2016 8:47 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] DET1 es Mike

Mike,

I'm both functional in conversational Pirate *and* married to a Canadian. (Sorry, Lou...I couldn't resist.)

Roughly translated: "What would one expect to pay for such a tube in the condition pictured, with a good filament, etc.?"

Andy K0SM/2

On Thursday, April 14, 2016 8:29 AM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

I still do not understand -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, April 14, 2016 8:24 AM

To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] DET1 es Mike

□

Is that Canadian English? -

Lazy Canadain English. How's this... And what is there filament-good-condx-as-below price? USD of course...

Virus-free. www.avast.com

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13243. Re: [AWA Group] Exciting eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 13:01:31 UTC
From: Roger Kuchera
Topic: 13227 Message: 13243

Hi Lou, Depending on the configuration, a split-stator condenser lends itself to neutralization.
Roger/K1TG

On Thursday, April 14, 2016 8:48 AM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv1046885813 #yiv1046885813 .yiv1046885813ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv1046885813 div.yiv1046885813ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv1046885813 div.yiv1046885813photo-title a, #yiv1046885813 div.yiv1046885813photo-title a:active, #yiv1046885813 div.yiv1046885813photo-title a:hover, #yiv1046885813 div.yiv1046885813photo-title a:visited {text-decoration:none;}#yiv1046885813 div.yiv1046885813attach-table div.yiv1046885813attach-row {clear:both;}#yiv1046885813 div.yiv1046885813attach-table div.yiv1046885813attach-row div {float:left;}#yiv1046885813 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv1046885813 div.yiv1046885813ygrp-file {width:30px;}#yiv1046885813 div.yiv1046885813attach-table div.yiv1046885813attach-row div div a {text-decoration:none;}#yiv1046885813 div.yiv1046885813attach-table div.yiv1046885813attach-row div div span {font-weight:normal;}#yiv1046885813 div.yiv1046885813ygrp-file-title {font-weight:bold;}#yiv1046885813 --> ☐

Yes.. and TX spacing! Nw tt Lucky Don has a '10 he'd be interested....12K on the plate and all.
----- Original Message ----- From: mailto:rwkuchera@...%20[AWAGroup] To: AWAGroup@yahoogroups.com Sent: 2016-04-14 8:41 AM Subject: Re: [AWA Group] Exciting eBay Alert
  Hi Lou, They appear to be split-stator type condensers.
Roger/K1TG

On Thursday, April 14, 2016 6:46 AM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

http://www.ebay.com/itm/2-Vintage-old-Cardwell-air-variable-capacitors-XP-290-KS-ham-tube-radio-parts-/191847567663?hash=item2cab01912f:g:8mYAAOSwOfxXBDj3

| | Virus-free. www.avast.com |

| | Virus-free. www.avast.com |

13244. RE: [AWA Group] DET1 es Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 13:37:58 UTC
From: Mike Feher
Topic: 13228 Message: 13244

Well, that is really hard to say. They are pretty scarce, but, I do not look on eBay UK, and, they may be plentiful there. I got all of mine in a trade, and when I sold them it was with a bunch of other rare collector type tubes. I would say regardless of filament they should be at least $500 US. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, April 14, 2016 8:58 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] DET1 es Mike

☐

OK ok, but how much?

----- Original Message -----

From: 'Mike Feher' n4fs@...m [AWAGroup] <mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2016-04-14 8:52 AM

Subject: RE: [AWA Group] DET1 es Mike

Besides the whole sentence structure, it really irks me when people use “there” instead of “their”. Takes a foreigner like me to be a English language Nazi, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, April 14, 2016 8:47 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] DET1 es Mike

Mike,

I'm both functional in conversational Pirate *and* married to a Canadian. (Sorry, Lou...I couldn't resist.)

Roughly translated: "What would one expect to pay for such a tube in the condition pictured, with a good filament, etc.?"

Andy K0SM/2

On Thursday, April 14, 2016 8:29 AM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

I still do not understand -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, April 14, 2016 8:24 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] DET1 es Mike

□

Is that Canadian English? -

Lazy Canadain English. How's this... And what is there filament-good-condx-as-below price? USD of course...

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free. <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free. <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13245. Re: [AWA Group] Exciting eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 13:45:53 UTC
From: Eric NO3M
Topic: 13227 Message: 13245

The two sections on each of those variables appear to have different capacities, so the voltage node on the coil would not be "centered" in the event someone was considering series feed. It could be approximately located using an RF sniffer, however.

Would the node stay at the same place over the range of the capacitors? Otherwise, the out of phase voltages on each end would would not maintain a consistent relationship and make neutralization impossible.

73 Eric NO3M

On 04/14/2016 09:01 AM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:
> Hi Lou,
> Depending on the configuration, a split-stator condenser lends
> itself to neutralization.
>
> Roger/K1TG
>
>
>

13246. Yahoo Groups -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 13:54:58 UTC
From: Mike Feher
Topic: 13246 Message: 13246

I am sure most of you have heard that Yahoo is being sold. What I have seen on other groups is the concern that the new owners will do away with Yahoo Groups as it does not generate any revenue. We may have to find an alternate hosting site. I have seen some suggestions on other groups, but, wonder if anyone here has any ideas. Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

13247. RE: [AWA Group] DET1 es Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 13:57:44 UTC
From: Mike Feher
Topic: 13228 Message: 13247

En nem tudom hogy te mit akarsz mondani. -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, April 14, 2016 8:46 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] DET1 es Mike

Wie viel kostes mit gutes heizungen

13248. RE: [AWA Group] Yahoo Groups -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 14:01:21 UTC
From: Mike Feher
Topic: 13246 Message: 13248

Well, I mind as well say it, it seems most groups are considering groups.io . Still, all ideas are welcome. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, April 14, 2016 9:55 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Yahoo Groups -

I am sure most of you have heard that Yahoo is being sold. What I have seen on other groups is the concern that the new owners will do away with Yahoo Groups as it does not generate any revenue. We may have to find an alternate hosting site. I have seen some suggestions on other groups, but, wonder if anyone here has any ideas. Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

13249. Re: [AWA Group] Exciting eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 14:25:31 UTC
From: Roger Kuchera
Topic: 13227 Message: 13249

Yes, the neutralization aspect would only work if both sections were equal.
I use a National DX condenser (175 uuF/175 uuF) to neutralize the 830B triode inmy vintage TX.
Roger/K1TG

On Thursday, April 14, 2016 9:47 AM, "Eric NO3M no3m@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv3280205093 #yiv3280205093 -- #yiv3280205093 .yiv3280205093ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv3280205093 div.yiv3280205093ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv3280205093 div.yiv3280205093photo-title a, #yiv3280205093 div.yiv3280205093photo-title a:active, #yiv3280205093 div.yiv3280205093photo-title a:hover, #yiv3280205093 div.yiv3280205093photo-title a:visited {text-decoration:none;}#yiv3280205093 div.yiv3280205093attach-table div.yiv3280205093attach-row {clear:both;}#yiv3280205093 div.yiv3280205093attach-table div.yiv3280205093attach-row div {float:left;}#yiv3280205093 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv3280205093 div.yiv3280205093ygrp-file {width:30px;}#yiv3280205093 div.yiv3280205093attach-table div.yiv3280205093attach-row div div a {text-decoration:none;}#yiv3280205093 div.yiv3280205093attach-table div.yiv3280205093attach-row div div span {font-weight:normal;}#yiv3280205093 div.yiv3280205093ygrp-file-title {font-weight:bold;}#yiv3280205093 #yiv3280205093

The two sections on each of those variables appear to have different capacities, so the voltage node on the coil would not be "centered" in the event someone was considering series feed. It could be approximately located using an RF sniffer, however.

Would the node stay at the same place over the range of the capacitors? Otherwise, the out of phase voltages on each end would would not maintain a consistent relationship and make neutralization impossible.

73 Eric NO3M

On 04/14/2016 09:01 AM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:

Hi Lou, Depending on the configuration, a split-stator condenser lends itself to neutralization.
Roger/K1TG

13250. Re: [AWA Group] Exciting eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 14:28:24 UTC
From: Roger Kuchera
Topic: 13227 Message: 13250

OOps! Make that 350 uuF/350uuF on the DX condenser.
R.

On Thursday, April 14, 2016 10:25 AM, "Roger Kuchera rwkuchera@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv7348841713 #yiv7348841713 -- #yiv7348841713 .yiv7348841713ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv7348841713 div.yiv7348841713ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv7348841713 div.yiv7348841713photo-title a, #yiv7348841713 div.yiv7348841713photo-title a:active, #yiv7348841713 div.yiv7348841713photo-title a:hover, #yiv7348841713 div.yiv7348841713photo-title a:visited {text-decoration:none;}#yiv7348841713 div.yiv7348841713attach-table div.yiv7348841713attach-row {clear:both;}#yiv7348841713 div.yiv7348841713attach-table div.yiv7348841713attach-row div {float:left;}#yiv7348841713 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv7348841713 div.yiv7348841713ygrp-file {width:30px;}#yiv7348841713 div.yiv7348841713attach-table div.yiv7348841713attach-row div div a {text-decoration:none;}#yiv7348841713 div.yiv7348841713attach-table div.yiv7348841713attach-row div div span {font-weight:normal;}#yiv7348841713 div.yiv7348841713ygrp-file-title {font-weight:bold;}#yiv7348841713 #yiv7348841713

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On Thursday, April 14, 2016 9:47 AM, "Eric NO3M no3m@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

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Would the node stay at the same place over the range of the capacitors? Otherwise, the out of phase voltages on each end would would not maintain a consistent relationship and make neutralization impossible.

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On 04/14/2016 09:01 AM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:

Hi Lou, Depending on the configuration, a split-stator condenser lends itself to neutralization.
Roger/K1TG

13251. Re: [AWA Group] DET1 es Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 16:01:50 UTC
From: Louis Vermond
Topic: 13228 Message: 13251

I would say regardless of filament they should be at least $500 US. Thanks Mike. A English valve seller/historian told me some time ago he priced them at 650UKP. Wanted verification. But, oh well, it was a gift...

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13252. Re: [AWA Group] Yahoo Groups -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 16:03:03 UTC
From: Larry Szendrei
Topic: 13246 Message: 13252

Another list I belong to is hosted at Google groups, yet another is at
qth.net. No problems here with either, but I'm not a list admin.

73,
-Larry/NE1S

On 4/14/16 9:54 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> I am sure most of you have heard that Yahoo is being sold. What I have
> seen on other groups is the concern that the new owners will do away
> with Yahoo Groups as it does not generate any revenue. We may have to
> find an alternate hosting site. I have seen some suggestions on other
> groups, but, wonder if anyone here has any ideas. Thanks & 73 ? Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
>

13253. RE: [AWA Group] DET1 es Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 16:17:01 UTC
From: Mike Feher
Topic: 13228 Message: 13253

Was it Rod Burman or Phil Taylor? -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, April 14, 2016 12:02 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] DET1 es Mike

☐

I would say regardless of filament they should be at least $500 US. Thanks Mike. A English valve seller/historian told me some time ago he priced them at 650UKP. Wanted verification. But, oh well, it was a gift...

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free. <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13254. Re: [AWA Group] DET1 es Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 17:56:33 UTC
From: Louis Vermond
Topic: 13228 Message: 13254

Both

----- Original Message -----
From: 'Mike Feher' n4fs@eozinc.com [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-04-14 12:17 PM
Subject: RE: [AWA Group] DET1 es Mike

Was it Rod Burman or Phil Taylor? -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, April 14, 2016 12:02 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] DET1 es Mike

☐

I would say regardless of filament they should be at least $500 US. Thanks Mike. A English valve seller/historian told me some time ago he priced them at 650UKP. Wanted verification. But, oh well, it was a gift...

Virus-free. www.avast.com

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13255. Need Spark TX picture

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 18:03:21 UTC
From: JAMES HANLON
Topic: 13255 Message: 13255

Y'all,

I've agreed to give a talk to the Albuquerque, NM Hamfest this August on the evolution of amateur radio equipment, from the beginning to the present day. It will be interesting to see how I fit that into the one hour allotted! I can do pretty well with pictures from 1929 and out, but before then I'm limited to what I can get from the old QST CDs and the postings on the ARRL web site, and those pictures are not very good. I'm really looking for a really nice picture of a high power, rotary spark gap transmitter in action. Can anyone help?

Thanks,

Jim Hanlon, W8KGI

13256. Re: [AWA Group] Need Spark TX picture

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 18:07:31 UTC
From: Louis Vermond
Topic: 13255 Message: 13256

The AWA has videos of the museums rotary in action! Wish I could be there for your talk, Jim. Lou

----- Original Message -----
From: JAMES HANLON knjhanlon@... [AWAGroup]
To: AWA Group
Sent: 2016-04-14 2:03 PM
Subject: [AWA Group] Need Spark TX picture

Y'all,

I've agreed to give a talk to the Albuquerque, NM Hamfest this August on the evolution of amateur radio equipment, from the beginning to the present day. It will be interesting to see how I fit that into the one hour allotted! I can do pretty well with pictures from 1929 and out, but before then I'm limited to what I can get from the old QST CDs and the postings on the ARRL web site, and those pictures are not very good. I'm really looking for a really nice picture of a high power, rotary spark gap transmitter in action. Can anyone help?

Thanks,

Jim Hanlon, W8KGI

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13257. RE: [AWA Group] Need Spark TX picture

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 18:16:00 UTC
From: Mike Feher
Topic: 13255 Message: 13257
Attachments: 1 described; binary payloads are missing from this source WARC

Jim -

Here is one of mine. I can probably find a better photo before August. It is all original equipment. I also have coherers and magnetic detectors. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, April 14, 2016 2:03 PM
To: AWA Group
Subject: [AWA Group] Need Spark TX picture

Y'all,

I've agreed to give a talk to the Albuquerque, NM Hamfest this August on the evolution of amateur radio equipment, from the beginning to the present day. It will be interesting to see how I fit that into the one hour allotted! I can do pretty well with pictures from 1929 and out, but before then I'm limited to what I can get from the old QST CDs and the postings on the ARRL web site, and those pictures are not very good. I'm really looking for a really nice picture of a high power, rotary spark gap transmitter in action. Can anyone help?

Thanks,

Jim Hanlon, W8KGI

13258. RE: [AWA Group] Need Spark TX picture

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 18:32:55 UTC
From: Edward Gable
Topic: 13255 Message: 13258

Hello Jim: Yes, that's quite a time span indeed. I can help with a photo of a nice 1 kW synchronous rotary spark gap in action. It is the one that has been in continuous use at the AWA Museum since we got it in 1952. It was built in 1914 by George Batterson, 8TC (W2GB) a co-founder of the AWA. George got interested in wireless when he copied on-air traffic regarding the Titanic in 1912 and got his ticket in 1914. He lived to be 99 years old and was quite the OT in these parts. Years ago I taught the General/Tech theory classes for our local ham club. George lived across the street from the venue where we held classes and once and a awhile he came across the street and just walked into the class room. I knew then the classes were over for the night as he sat down and just started talking about the old days. You could hear a pin drop. I'll never, ever, forget those times. I don't think I can send the .jpg thru the reflector so I'll send it direct to your .msn address. Enjoy. 73,

Ed Gable K2MP/W2AN
Curator Emeritus, AWA Museum

Y'all,

I've agreed to give a talk to the Albuquerque, NM Hamfest this August on the evolution of amateur radio equipment, from the beginning to the present day. It will be interesting to see how I fit that into the one hour allotted! I can do pretty well with pictures from 1929 and out, but before then I'm limited to what I can get from the old QST CDs and the postings on the ARRL web site, and those pictures are not very good. I'm really looking for a really nice picture of a high power, rotary spark gap transmitter in action. Can anyone help?

Thanks,

Jim Hanlon, W8KGI

13259. Re: [AWA Group] DET1 es Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 19:04:55 UTC
From: Larry Szendrei
Topic: 13228 Message: 13259

Lou - stop distracting Mike on his last day of work ;-)

On 4/14/16 1:56 PM, 'Louis Vermond' ldvermond@... [AWAGroup] wrote:
>
> □
>
> Both
>
> ----- Original Message -----
> *From:* 'Mike Feher' n4fs@... [AWAGroup]
> <mailto:n4fs@...%20[AWAGroup]>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* 2016-04-14 12:17 PM
> *Subject:* RE: [AWA Group] DET1 es Mike
>
> Was it Rod Burman or Phil Taylor? -
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Thursday, April 14, 2016 12:02 PM
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Subject:* Re: [AWA Group] DET1 es Mike
>
> □
>
> I would say regardless of filament they should be at least $500
> US. Thanks Mike. A English valve seller/historian told me some
> time ago he priced them at 650UKP. Wanted verification. But, oh
> well, it was a gift...
>

13260. Re: [AWA Group] Need Spark TX picture [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 19:09:38 UTC
From: Larry Szendrei
Topic: 13255 Message: 13260

Beautiful, Mike!

I keep forgetting to congratulate you on the new (to you) coherer; in these round table nets we participate in so many topics are covered, and my notes are sparse.

Now get back to work! ;-)

73,
-Larry/NE1S

On 4/14/16 2:16 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Jim ?
>
> Here is one of mine. I can probably find a better photo before August.
> It is all original equipment. I also have coherers and magnetic
> detectors. 73 ? Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Thursday, April 14, 2016 2:03 PM
> *To:* AWA Group
> *Subject:* [AWA Group] Need Spark TX picture
>
> Y'all,
>
> I've agreed to give a talk to the Albuquerque, NM Hamfest this August
> on the evolution of amateur radio equipment, from the beginning to the
> present day. It will be interesting to see how I fit that into the
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> out, but before then I'm limited to what I can get from the old QST
> CDs and the postings on the ARRL web site, and those pictures are not
> very good. I'm really looking for a really nice picture of a high
> power, rotary spark gap transmitter in action. Can anyone help?
>
> Thanks,
>
> Jim Hanlon, W8KGI

>

13261. Re: [AWA Group] Need Spark TX picture [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 20:56:32 UTC
From: Roger Kuchera
Topic: 13255 Message: 13261

See the cover of the latest ER or try YouTube.
Roger/K1TG

On Thursday, April 14, 2016 2:16 PM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv5163637130 #yiv5163637130 .yiv5163637130ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv5163637130 div.yiv5163637130ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv5163637130 div.yiv5163637130photo-title a, #yiv5163637130 div.yiv5163637130photo-title a:active, #yiv5163637130 div.yiv5163637130photo-title a:hover, #yiv5163637130 div.yiv5163637130photo-title a:visited {text-decoration:none;}#yiv5163637130 div.yiv5163637130attach-table div.yiv5163637130attach-row {clear:both;}#yiv5163637130 div.yiv5163637130attach-table div.yiv5163637130attach-row div {float:left;}#yiv5163637130 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv5163637130 div.yiv5163637130ygrp-file {width:30px;}#yiv5163637130 div.yiv5163637130attach-table div.yiv5163637130attach-row div div a {text-decoration:none;}#yiv5163637130 div.yiv5163637130attach-table div.yiv5163637130attach-row div div span {font-weight:normal;}#yiv5163637130 div.yiv5163637130ygrp-file-title {font-weight:bold;}#yiv5163637130 --> <!--#yiv5163637130 _filtered #yiv5163637130 {font-family:Wingdings;panose-1:5 0 0 0 0 0 0 0 0 0;} _filtered #yiv5163637130 {font-family:"Cambria Math";panose-1:2 4 5 3 5 4 6 3 2 4;} _filtered #yiv5163637130 {font-family:Calibri;panose-1:2 15 5 2 2 2 4 3 2 4;} _filtered #yiv5163637130 {font-family:Tahoma;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv5163637130 {font-family:Consolas;panose-1:2 11 6 9 2 2 4 3 2 4;} _filtered #yiv5163637130 {font-family:Verdana;panose-1:2 11 6 4 3 5 4 4 2 4;}#yiv5163637130 #yiv5163637130 p.yiv5163637130MsoNormal, #yiv5163637130 li.yiv5163637130MsoNormal, #yiv5163637130 div.yiv5163637130MsoNormal {margin:0in;margin-bottom:.0001pt;font-size:12.0pt;font-family:"Times New Roman", "serif";}#yiv5163637130 a:link, #yiv5163637130 span.yiv5163637130MsoHyperlink {color:blue;text-decoration:underline;}#yiv5163637130 a:visited, #yiv5163637130 span.yiv5163637130MsoHyperlinkFollowed {color:purple;text-decoration:underline;}#yiv5163637130 p {margin-right:0in;margin-left:0in;font-size:12.0pt;font-family:"Times New Roman", "serif";}#yiv5163637130 code {font-family:"Courier New";}#yiv5163637130 pre {margin:0in;margin-bottom:.0001pt;font-size:10.0pt;font-family:"Courier New";}#yiv5163637130 tt {font-family:"Courier New";}#yiv5163637130 span.yiv5163637130HTMLPreformattedChar {font-family:Consolas;}#yiv5163637130 p.yiv5163637130attach, #yiv5163637130 li.yiv5163637130attach, #yiv5163637130 div.yiv5163637130attach {margin-right:0in;margin-left:0in;font-size:9.0pt;font-family:"Arial", "sans-serif";}#yiv5163637130 p.yiv5163637130bold, #yiv5163637130 li.yiv5163637130bold, #yiv5163637130 div.yiv5163637130bold {margin-right:0in;margin-left:0in;font-size:10.0pt;font-family:"Arial",

"sans-serif";font-weight:bold;}#yiv5163637130 p.yiv5163637130green, #yiv5163637130
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"serif";color:#628C2A;}#yiv5163637130 p.yiv5163637130replbq, #yiv5163637130
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"serif";}#yiv5163637130 p.yiv5163637130underline, #yiv5163637130
li.yiv5163637130underline, #yiv5163637130 div.yiv5163637130underline
{margin-right:0in;margin-left:0in;font-size:12.0pt;font-family:"Times New Roman",
"serif";}#yiv5163637130 span.yiv5163637130yshortcuts {}#yiv5163637130 p.yiv5163637130ad1,
#yiv5163637130 li.yiv5163637130ad1, #yiv5163637130 div.yiv5163637130ad1
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"serif";}#yiv5163637130 p.yiv5163637130ad2, #yiv5163637130 li.yiv5163637130ad2,
#yiv5163637130 div.yiv5163637130ad2
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New Roman", "serif";}#yiv5163637130 p.yiv5163637130underline1, #yiv5163637130
li.yiv5163637130underline1, #yiv5163637130 div.yiv5163637130underline1
{margin-right:0in;margin-left:0in;font-size:12.0pt;font-family:"Times New Roman",
"serif";text-decoration:underline;}#yiv5163637130 span.yiv5163637130yshortcuts1
{font-family:"Verdana", "sans-serif";font-weight:bold;}#yiv5163637130
span.yiv5163637130yshortcuts2 {font-family:"Verdana",
"sans-serif";font-weight:normal;}#yiv5163637130 span.yiv5163637130EmailStyle34
{font-family:"Calibri", "sans-serif";color:#1F497D;}#yiv5163637130
.yiv5163637130MsoChpDefault {font-size:10.0pt;} _filtered #yiv5163637130 {margin:1.0in
1.0in 1.0in 1.0in;}#yiv5163637130 div.yiv5163637130WordSection1 {}#yiv5163637130 _filtered
#yiv5163637130 {} _filtered #yiv5163637130 {font-family:Symbol;} _filtered #yiv5163637130
{font-family:"Courier New";} _filtered #yiv5163637130 {font-family:Wingdings;} _filtered
#yiv5163637130 {font-family:Wingdings;} _filtered #yiv5163637130 {font-family:Wingdings;}
_filtered #yiv5163637130 {font-family:Wingdings;} _filtered #yiv5163637130
{font-family:Wingdings;} _filtered #yiv5163637130 {font-family:Wingdings;} _filtered
#yiv5163637130 {font-family:Wingdings;}#yiv5163637130 ol
{margin-bottom:0in;}#yiv5163637130 ul {margin-bottom:0in;}-->

Jim – Here is one of mine. I can probably find a better photo before August. It is all original equipment. I also have coherers and magnetic detectors. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, April 14, 2016 2:03 PM
To: AWA Group
Subject: [AWA Group] Need Spark TX picture   Y'all,

I've&n! bsp;agreed to give a talk to the Albuquerque, NM Hamfest this August on the evolution of amateur radio equipment, from the beginning to the present day. It will be interesting to see how I fit that into the one hour allotted! I can do pretty well with pictures from 1929 and out, but before then I'm limited to what I can get from the old QST CDs and the postings on the ARRL web site, and those pictures are not very good. I'm really looking for a really nice picture of a high power, rotary spark gap transmitter in action. Can anyone help?

Thanks,

Jim Hanlon, W8KGI

13262. Re: [AWA Group] Regen tips from the field

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-14 21:16:08 UTC
From: dulmagedon@...
Topic: 13196 Message: 13262
Attachments: 1 described; binary payloads are missing from this source WARC

I made a short recording as I was operating a couple of nights ago. This is the Twinplex 12sl7 and is on the white 10" loop in the window. I used a Hipstreet digital recorder which i have no idea where its mic is so i just stuck it up between one earphone and my ear. Sorry for you can hear me fumbling trying to turn it off. Even though this is a poor quality way of recording you can see using it for QSOs would be no trouble at all.
donVe3LYX
Please right click on it then click open with Windows Media Player

13263. RE: [AWA Group] DET1 es Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-15 01:32:43 UTC
From: Steve Flood
Topic: 13228 Message: 13263

>>it really irks me when people use “there” instead of “their”.

I find “then” and “than” screw-ups equally irksome.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13264. RE: [AWA Group] DET1 es Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-15 02:54:15 UTC
From: dulmagedon@...
Topic: 13228 Message: 13264

Having lived around many different ethnic groups in this great country of ours, having taught adults at a college level who were long past correcting their English and have finally realized that perfection for any of us is probably not available this side of the grave I am happy when I am spoken too, appreciate the effort no matter how difficult it is to understand and refrain ever from correcting unless someone is searching for the word. When traveling having learned some of my languages after I turned 50 and having learned others long ago and partly forgotten I sincerely hope folks will forgive me when I error as well. And I do, often. As for the concept we should l speak and write perfectly I aint never seen a reason to and hopefully never will. In fact perfect people are boring and often self absorbed. It is the Festus Hagans of life that keep it interesting. I have a very good friend who was unable to learn to read until computer equipped phnes came along. He is the same age as I. He is a plumber by profession and an electrician on the side. His English reflects his up bringing in an non English speaking environment and he uses terms like LABtop to describe a computer BUT he is a genius as a craftsman and very smart on how to find out what he needs to know. He will wire your house faster then you can talk about it and the inspector will find nothing wrong and it will be to current code. He will fix your heating and do your plumbing also top drawer. He is in fact who folks call when no one can figure it out. He understands things. I have no idea how he knows but after 40 years of friendship I just accept it. He has no idea there are two Then/Thans . Heck he can't even swim however I would never stoop to correct him or his English. I seem to find more important things to do. Like finding new tubes and building new radios. The other? It is just foam. Blow it off and drink your beer. It isn't that big a deal. My cousin Martin Dolmetsch said it best the last time I was in his home in Metzingen Germany. He was comentng on my language skills as he doesn't speak or understand English. He said to me in German, Don, Your German is now perfect! I replied , No it is not, to which he said Es ist gud genug.(it is good enough) In my heart I said, Bless you Martin. May you live an extra day. It was a good reminder and one of life's lessons once again confirmed. Don't sweat the small stuff. Gotta quit now. The regen is running and no one listening.
donVe3LYX
BTW that is a wild looking tube. Hope it gets lit sometime soon.

13265. Changing settings for daily Digest!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-15 13:40:05 UTC
From: pacquerat@...
Topic: 13265 Message: 13265

Attention group owner:

Some time ago Yahoo offered a display for the daily digest that placed most topics as a hot link in the header. I opted for this from setting within the group controls. Shortly after that change, Comcast in their infinite wisdom changed their email client (yes this was quite a while ago). Fortunately I did not change over this presentation style to the dozen other Yahoo groups I am subscribed. So only this group got the change.

Comcast change to Plaxo/Zimbra does not recognize the HTML embedded in the hot links and simply generates a new email page within the existing one. If one clicks on another link within that new page it does it again, then again into infinity.

This makes even normal navigation difficult.

Now the problem is Yahoo has revamped the groups layout and removed the option to change back to a conventional text presentation of the Daily Digest.. This option does not appear in any other group I use either or at least I cannot find the option.

I once had issues deleting posts in a local Freecycle group. I had to contact the groups moderator/owner and She changed some settings and I was then able to delete dead posts.

However, I have been unable to locate the moderator/owners email to fix my presentation problem.

I am considering signing out for a week and resigning in, same name, etc. but I would like to see what the moderator/owner can do first.

Please message me by looking up one of my old posts and it should show my email address as pacquerat@comcast.net

Please help fix this display issue.

Also, daily digest in any of my groups do not show images, this may be another Comcast issue.

Many Thanks for any help you can give.

Regards,

Charles a. Days
WA1JFD
He needs to learn his CW all over again then put all his junk on the air...

13266. RE: [AWA Group] Changing settings for daily Digest!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-15 14:06:26 UTC
From: Mike Feher
Topic: 13265 Message: 13266

Charles –

I checked your status and you are set up for “daily digest” mode now. I do not know what to do to help you. I could remove you from the group if you like and you could sign up again as you suggested and see what happens then. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, April 15, 2016 9:40 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Changing settings for daily Digest!

Attention group owner:

Some time ago Yahoo offered a display for the daily digest that placed most topics as a hot link in the header. I opted for this from setting within the group controls. Shortly after that change, Comcast in their infinite wisdom changed their email client (yes this was quite a while ago). Fortunately I did not change over this presentation style to the dozen other Yahoo groups I am subscribed. So only this group got the change.

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I am considering signing out for a week and resigning in, same name, etc. but I would like to see what the moderator/owner can do first.

Please message me by looking up one of my old posts and it should show my email address as pacquerat@comcast.net

Please help fix this display issue.

Also, daily digest in any of my groups do not show images, this may be another Comcast issue.

Many Thanks for any help you can give.

Regards,

Charles a. Days

WA1JFD

He needs to learn his CW all over again then put all his junk on the air...

13267. RE: [AWA Group] DET1 es Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-15 23:19:27 UTC
From: Mike Feher
Topic: 13228 Message: 13267

Don –

Sorry if I hit a nerve there. It was not my intent. You may recall that in one of Lou's emails he talked about the funny way Canadians speak and spell and expected us to pick on him. All I did was comply, but, unfortunately he never got it, HI. I do not know what you taught at college level, but, it is a shame that by that point adults cannot use correct spelling or grammar. When I started college here in the states, I had barely been in this country for a little over 8 years and I have to tell you my English and the use of it was pretty poor. On top of that, while in HS and in college my priorities were never on my English courses but in math, science and physics. It was not until I started working in industry, which I also did full time while in college, that I started to appreciate the significance of the written word and its ability to convey ideas properly. As time went on and I had to write technical papers myself, it became more and more significant and I become more and more versed in the use of what we call proper English in the States. I have been technical lead on numerous proposals and also had to evaluate many of them over the years. Nothing turned me off more than when I found incorrectly spelled words or poor grammar. I always felt that submitting such was a reflection not only on me, being the lead, but also on my company. Of course here on the internet almost anything goes. I would not have said anything about Lou's poor choice of words and grammar if he had not mentioned it himself. It was all in good fun from my perspective and I am sure from Lou's as well. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, April 14, 2016 10:54 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] DET1 es Mike

Having lived around many different ethnic groups in this great country of ours, having taught adults at a college level who were long past correcting their English and have finally realized that perfection for any of us is probably not available this side of the grave I am happy when I am spoken too, appreciate the effort no matter how difficult it is to understand and refrain ever from correcting unless someone is searching for the word. When traveling having learned some of my languages after I turned 50 and having learned others long ago and partly forgotten I sincerely hope folks will forgive me when I error as well. And I do, often. As for the concept we should l speak and write perfectly I aint never seen a reason to and hopefully never will. In fact perfect people are boring and often self absorbed. It is the Festus Hagans of life that keep it interesting. I have a very good friend who was unable to learn to read until computer equipped phnes came along. He is the same age as I. He is a plumber by profession and an electrician on the side. His

English reflects his up bringing in an non English speaking environment and he uses terms like LABtop to describe a computer BUT he is a genius as a craftsman and very smart on how to find out what he needs to know. He will wire your house faster then you can talk about it and the inspector will find nothing wrong and it will be to current code. He will fix your heating and do your plumbing also top drawer. He is in fact who folks call when no one can figure it out. He understands things. I have no idea how he knows but after 40 years of friendship I just accept it. He has no idea there are two Then/Thans . Heck he can't even swim however I would never stoop to correct him or his English. I seem to find more important things to do. Like finding new tubes and building new radios. The other? It is just foam. Blow it off and drink your beer. It isn't that big a deal. My cousin Martin Dolmetsch said it best the last time I was in his home in Metzingen Germany. He was comentng on my language skills as he doesn't speak or understand English. He said to me in German, Don, Your German is now perfect! I replied , No it is not, to which he said Es ist gud genug.(it is good enough) In my heart I said, Bless you Martin. May you live an extra day. It was a good reminder and one of life's lessons once again confirmed. Don't sweat the small stuff. Gotta quit now. The regen is running and no one listening.
donVe3LYX
BTW that is a wild looking tube. Hope it gets lit sometime soon.

13268. Re: [AWA Group] DET1 es Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-16 00:18:34 UTC
From: Louis Vermond
Topic: 13228 Message: 13268
Attachments: 1 described; binary payloads are missing from this source WARC

It was all in good fun from my perspective and I am sure from Lou’s as well.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13269. Golden Years...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-16 00:34:29 UTC
From: Louis Vermond
Topic: 13269 Message: 13269
Attachments: 1 described; binary payloads are missing from this source WARC

A Happy Purrrfect Retirement Mikey....

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13270. RE: [AWA Group] Golden Years...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-16 01:15:45 UTC
From: Mike Feher
Topic: 13269 Message: 13270
Attachments: 1 described; binary payloads are missing from this source WARC

Would love to love her, HI. Thanks - Mike

https://www.youtube.com/watch?v=v4L8L43GieE
<https://www.youtube.com/watch?v=v4L8L43GieE&feature=share> &feature=share

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, April 15, 2016 8:34 PM
To: AWAGroup
Subject: [AWA Group] Golden Years...

A Happy Purrrfect Retirement Mikey....

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campai
gn=sig-email&utm_content=emailclient>

Virus-free.
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campai
gn=sig-email&utm_content=emailclient> www.avast.com

13271. RE: [AWA Group] DET1 es Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-16 01:17:44 UTC
From: Mike Feher
Topic: 13228 Message: 13271
Attachments: 1 described; binary payloads are missing from this source WARC

That’s Lou smiling -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, April 15, 2016 8:19 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] DET1 es Mike

☐

It was all in good fun from my perspective and I am sure from Lou’s as well.

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free. <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13272. Re: Golden Years...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-16 02:14:00 UTC
From: dulmagedon@...
Topic: 13269 Message: 13272

I was just thinking this should be Mike's last day at the grind.
ALL THE BEST OM. May U enjoy having fun in retirement as you did at your craft.
donVe3LYx

13273. RE: [AWA Group] Re: Golden Years...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-16 02:38:46 UTC
From: Mike Feher
Topic: 13269 Message: 13273

Thanks Don. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, April 15, 2016 10:14 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: Golden Years...

I was just thinking this should be Mike's last day at the grind.
ALL THE BEST OM. May U enjoy having fun in retirement as you did at your craft.
donVe3LYx

13274. Re: [AWA Group] Re: Golden Years...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-16 04:31:28 UTC
From: Steve
Topic: 13269 Message: 13274

Many congrats Mike - the best is yet to come!

73 Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

13275. Re: [AWA Group] Re: Golden Years...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-16 04:35:30 UTC
From: Leonard Meek
Topic: 13269 Message: 13275

Whatever you do, Mike, keep busy. Rust don't grow on a moving wheel.

Leonard

----- Original Message -----
From: "'Steve' ve7sl@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: <AWAGroup@yahoogroups.com>
Sent: Friday, April 15, 2016 6:31 PM
Subject: Re: [AWA Group] Re: Golden Years...

> Many congrats Mike - the best is yet to come!
>
> 73 Steve
>
>
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
> VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to
> Nanowaves":
> http://ve7sl.blogspot.ca/
>
>
>
> ------------------------------------
> Posted by: "Steve" <VE7SL@...>
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> Yahoo Groups Links
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13276. RE: [AWA Group] Re: Golden Years...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-16 06:00:35 UTC
From: Mike Feher
Topic: 13269 Message: 13276

Thanks Steve – I am sure you are right and I am looking forward to it. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, April 16, 2016 12:31 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: Golden Years...

Many congrats Mike - the best is yet to come!

73 Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

13277. RE: [AWA Group] Re: Golden Years...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-16 06:05:00 UTC
From: Mike Feher
Topic: 13269 Message: 13277

Thanks for the good advice Leonard. For a while I am going to have to work on reducing the rust that has already accumulated, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, April 16, 2016 12:36 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: Golden Years...

Whatever you do, Mike, keep busy. Rust don't grow on a moving wheel.

Leonard

----- Original Message -----
From: "'Steve' ve7sl@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: <AWAGroup@yahoogroups.com>
Sent: Friday, April 15, 2016 6:31 PM
Subject: Re: [AWA Group] Re: Golden Years...

> Many congrats Mike - the best is yet to come!
>
> 73 Steve
>
>
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
> VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to
> Nanowaves":
> http://ve7sl.blogspot.ca/
>
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> ------------------------------------
> Posted by: "Steve" <VE7SL@...>
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> Yahoo Groups Links
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13278. Might be spring fever. Need some info.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-16 18:33:49 UTC
From: dulmagedon@...
Topic: 13278 Message: 13278

Spring arrived today.Tried to check into the OMRN with my Bomber ARC5 but no dice today. After breakfast I dusted of my old trade skills and fixed the brakes on the XYLs SUV. From there I moved to finishing a repair I started on the 63 Dodge 426 MW last winter (Larry has probably already been out cruising in the Falcon) As I worked I wondered about a Ham radio for the old car. Then I realized I have a good Heathkit Two-er. Does anyone know of that is period correct? I would much prefer a Tener but I have this one and it works well. It is even almost the same color as the car. I believe they come with 12volt PS function but I will have to look. Don't remember for sure. Yes I know it isnt our usual subject but I also know some of you will know for sure if twoer and tener production years included 1963. If so that will hold me till I find a 1929 Dodge. Then I can take my TNTs and Hartleys for a ride. Why a Dodge? Well my name is DOnDulmaGE ;>)
And should anyone want to trade a tener for a twoer I am up for it. I used to work a lot of 10M in the 1980s. Also spent about a half hour on the Meissner project early this morning. coil is done, alll four windings and the base board and tuning cap
donVe3LYX

13279. RE: [AWA Group] Might be spring fever. Need some info.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-16 21:04:01 UTC
From: Mike Feher
Topic: 13278 Message: 13279

Don –

The HW-30 is definitely period correct for 1963. However, I do not know who you will find locally on 2 meter AM. It does work off of 115V or an external supply. I have a pdf of the manual if you need it. It is about 1.5 megs in size. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, April 16, 2016 2:34 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Might be spring fever. Need some info.

Spring arrived today.Tried to check into the OMRN with my Bomber ARC5 but no dice today. After breakfast I dusted of my old trade skills and fixed the brakes on the XYLs SUV. From there I moved to finishing a repair I started on the 63 Dodge 426 MW last winter (Larry has probably already been out cruising in the Falcon) As I worked I wondered about a Ham radio for the old car. Then I realized I have a good Heathkit Two-er. Does anyone know of that is period correct? I would much prefer a Tener but I have this one and it works well. It is even almost the same color as the car. I believe they come with 12volt PS function but I will have to look. Don't remember for sure. Yes I know it isnt our usual subject but I also know some of you will know for sure if twoer and tener production years included 1963. If so that will hold me till I find a 1929 Dodge. Then I can take my TNTs and Hartleys for a ride. Why a Dodge? Well my name is DOnDulmaGE ;>)
And should anyone want to trade a tener for a twoer I am up for it. I used to work a lot of 10M in the 1980s. Also spent about a half hour on the Meissner project early this morning. coil is done, alll four windings and the base board and tuning cap
donVe3LYX

13280. Re: [AWA Group] Might be spring fever. Need some info.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-17 01:13:32 UTC
From: Larry Szendrei
Topic: 13278 Message: 13280
Attachments: 2 described; binary payloads are missing from this source WARC

On 4/16/16 2:33 PM, dulmagedon@... [AWAGroup] wrote:
>
> Larry has probably already been out cruising in the Falcon
>
I have... I drove it to the Maine Maritime Museum in Bath last Saturday
to help activate special event station K1M.

73,
-Larry/NE1S

13281. RE: [AWA Group] Might be spring fever. Need some info.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-17 01:41:59 UTC
From: dulmagedon@...
Topic: 13278 Message: 13281

Thanks Mike. I have a friend (honestly I do;>) who has a twoer as well. The plan was we could work each other. I live on a ridge and he lives near Trenton Airport which is below me and about 12 miles away so I snagged the twoer in a deal and got us both the same rock but three years later nothing so i doubt it is going to happen and am sure he has not even ever plugged his in. (he also has an HRO60 in the same situation and it looks good. Very good in fact. So I gave up on the idea. I guess with a tener I could at least work some HF AM. Otherwise I am not nor was I never much interested in 2M so that is how I got it. I have tested it though and it works well. I can copy the local repeater too. Anyway t'was a thought. I'll put it on hold for the moment. If I need the manual I will send you a email Mike. I would have to go to a hi speed connection spot to do it.
Good show on taking the Falcon out Larry.
donVe3LYX

13282. Re: [AWA Group] Might be spring fever. Need some info.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-17 01:45:33 UTC
From: dulmagedon@...
Topic: 13278 Message: 13282

I like that!
don

13283. Re: [AWA Group] Might be spring fever. Need some info.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-17 21:56:43 UTC
From: Larry Szendrei
Topic: 13278 Message: 13283

On 4/16/16 9:45 PM, dulmagedon@... [AWAGroup] wrote:
>
> I like that!
> don
>

So do I ;-)

I've owned it since 1985, and I think the mobile rig was installed by 1987.

73,
-Larry/NE1S

13284. Re: [AWA Group] Might be spring fever. Need some info.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-18 01:56:35 UTC
From: dulmagedon@...
Topic: 13278 Message: 13284
Attachments: 1 described; binary payloads are missing from this source WARC

i don't have many pictures of my ride by itself but here it is. In the background by the hanging birdhouse you can see my ground mounted 20m vertical which has a been a great ant on 20M for me here. The new 80m vertical I just put up was in the grove of cedar trees just behind this. The black steel pole attached to the house used to hold my inverted L which the new 80m vertical replaced. I removed it a couple of weeks ago after affirmimg the new vertical was doing the job. The dragster is the car I crashed in about 2 weeks after this foto. Since it is retired I would like to out a rig in the 63 Dodge. What is the rig you have in the Falcon?
Oh We bought this car and resorted it as our Millennium project so the XYL calls it Milly. I use it quite a bit in good weather. I guess I need a vibsupply to run the twoer. I have one I use in the shack for some rigs but it is a bit big to go in with the twoer I think it is a GD-11 or something Heath made that is supposed to be used with it. I see them on Ebay from time to time. That would be a start however I would be a lot happier with a tenor. Any other suggestions for 1963 mobile HF Am or CW.? I was just getting into radio when this car was made and hadn't built my first crystal set although I did build a telegraph in the house, buzzers and all. I remember it was a brand new house in Arnprior and I got in trouble for string wires all through the upstairs. the old boy (Dad) allowed me one ops where I sent a message and he replied. (Dad had learned morse as a radio instructor during the war and he taught me.) Then I had to dismantle my "ontraption" as it was called and clean up the mess before I got anything to eat. Since I haven't missed many meals I obliged. That was about April 1963. I was 13. I remember because in the showroom at the Chrysler dealer in town was a car very much like my 1963 Dodge , Even the same colour. (not 426 MW though) Funny how you remember stuff from boyhood days.
donVE3LYX

13285. RE: [AWA Group] Changing settings for daily Digest!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-18 13:07:48 UTC
From: pacquerat@...
Topic: 13265 Message: 13285

Mike,

After this posting in this topic I shall close my membership for a week or so.I am waiting that long as one would for the propagation of a web site address throughout the web.

Hopefully when I sign back in I will receive daily text digests without html hot links to oblivion.

Yes, I am seeing the images of I go to the Yahoo groups "All my groups" and open AWA Group. I do not expect images to come with the daily digest. However, it s to bad they (Yahoo) still sends all the code for the image. They could at least post the word [image] and save the bandwidth,

You will hear from me in about a week 73's

Charles A. Days, WA1JFD in S. Dartmouth MA

_.-

13286. RE: [AWA Group] Changing settings for daily Digest!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-18 13:21:10 UTC
From: Mike Feher
Topic: 13265 Message: 13286

OK Charles – hope it will work out the way you want it. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, April 18, 2016 9:08 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Changing settings for daily Digest!

Mike,

After this posting in this topic I shall close my membership for a week or so.I am waiting that long as one would for the propagation of a web site address throughout the web.

Hopefully when I sign back in I will receive daily text digests without html hot links to oblivion.

Yes, I am seeing the images of I go to the Yahoo groups "All my groups" and open AWA Group. I do not expect images to come with the daily digest. However, it s to bad they (Yahoo) still sends all the code for the image. They could at least post the word [image] and save the bandwidth,

You will hear from me in about a week 73's

Charles A. Days, WA1JFD in S. Dartmouth MA

–·–

13287. The Meissner Project continues

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-19 01:10:40 UTC
From: dulmagedon@...
Topic: 13287 Message: 13287

The Postman left parcel in my mailbox today. Inside was the most unusual tube socket I have ever seen. Thank you Lou. I have been working on the Meissner anyway so I just continued on. Tube is all wired in and everything except the RF choke is installed. I made the choke tonight from a 1/2 hardwood dowel. I cut four circular grooves in the dowel evenly spaced and filled the grooves with no 28 enameled wire. I then sent it for a swim in the varnish pot. It is drying right now. I think everything is done once that is installed . Next I have to make a PSU for it. I am aiming for 160 volts under load maximum. I am pretty nervous about this build as it is an unusual design to me. Here is hoping. The split tuning coil is from one standpoint weird and yet I understand also the phrase Alles in Ordnung and what is behind it. An obsession with a balanced approach to design and appearance for one thing. Otherwise it probably doesn't make much difference. Anyway I am braced for the possibility it starts out a a dud. Hopefully it isn't too hard to sort out.
donVe3LYX

13288. eBay Curiosity

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-19 12:45:22 UTC
From: Louis Vermond
Topic: 13288 Message: 13288

Someone please explain this....

http://www.ebay.co.uk/itm/S-G-Brown-Crystal-Amplifier-for-crystal-set-radio/291735871867?_trksid=p2047675.c100010.m2109&_trkparms=aid%3D555012%26algo%3DPW.MBE%26ao%3D2%26asc%3D35391%26meid%3D773932a27b4542808918acd098faadff%26pid%3D100010%26rk%3D4%26rkt%3D24%26sd%3D322078101833

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https://www.avast.com/antivirus

13289. RE: [AWA Group] eBay Curiosity

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-19 12:56:32 UTC
From: Mike Feher
Topic: 13288 Message: 13289

There are two of them, and I do have both. They are pretty simple really. The input drives an earphone type element which then is mechanically coupled to a carbon microphone. The carbon mike, through a battery, goes to a transformer to match the output, which goes to either an earphone or a speaker. It is a combination mechanical, electrical amplifier. This is the larger of the two and has two stages. The smaller one only has a single stage.73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, April 19, 2016 8:45 AM
To: AWAGroup
Subject: [AWA Group] eBay Curiosity

Someone please explain this....

<http://www.ebay.co.uk/itm/S-G-Brown-Crystal-Amplifier-for-crystal-set-radio/291735871867?_trksid=p2047675.c100010.m2109&_trkparms=aid%3D555012%26algo%3DPW.MBE%26ao%3D2%26asc%3D35391%26meid%3D773932a27b4542808918acd098faadff%26pid%3D100010%26rk%3D4%26rkt%3D24%26sd%3D322078101833>
http://www.ebay.co.uk/itm/S-G-Brown-Crystal-Amplifier-for-crystal-set-radio/291735871867?_trksid=p2047675.c100010.m2109&_trkparms=aid%3D555012%26algo%3DPW.MBE%26ao%3D2%26asc%3D35391%26meid%3D773932a27b4542808918acd098faadff%26pid%3D100010%26rk%3D4%26rkt%3D24%26sd%3D322078101833

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free.
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13290. Re: [AWA Group] eBay Curiosity

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-19 14:25:24 UTC
From: Louis Vermond
Topic: 13288 Message: 13290

They are pretty simple really. Yet amazing. Thank you, Mike. Lou

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13291. Re: The Meissner Project continues

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-19 17:32:24 UTC
From: prestonclark67@...
Topic: 13287 Message: 13291

What is this project

13292. Re: [AWA Group] Re: The Meissner Project continues

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-19 23:20:22 UTC
From: Don Dulmage
Topic: 13287 Message: 13292

A one tube power oscillator using the German Meissner circuit. I bought an A408 tube out of Austria, Got a genuine European tube socket from Lou. The Meissner circuit is similar to the old Armstrong circuit except the tuning coil is split and the ticker is reversed to the Armstrong. Bill already has one up and running. Lou built an all British rig so I decided to do an all German rig that being my heritage from both Mom and Dad despite the anglicized current spelling of my name . The tube I have is 1924.
donVe3LYX

On Tue, 4/19/16, prestonclark67@yahoo.com [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] Re: The Meissner Project continues
To: AWAGroup@yahoogroups.com
Received: Tuesday, April 19, 2016, 1:32 PM

What is this project

13293. Early 30's transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-20 01:52:33 UTC
From: Whitebear1122
Topic: 13293 Message: 13293
Attachments: 1 described; binary payloads are missing from this source WARC

Thought you'd like to see a 1930's transmitter that I acquired several years ago and will be selling. She is a beauty! She's probably a replica built with original parts. It uses a 210 in the oscillator, I forget what the buffer uses, then it's geared up for the monster 860 tube. Go out on youtube.com and see how 860's love to glow bright hi hi. It came to me with no tubes. I did acquire an 860 so that would be available. I haven't figured out price yet. 73, Scott WA9WFA

13294. The Meissner Project continues & a confusion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-20 10:32:22 UTC
From: Louis Vermond
Topic: 13294 Message: 13294

Got a genuine European tube socket from Lou. A genuine English valve holder, Ol' Sport... humph.

BTW: GM All

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13295. Re: The Meissner Project continues & a confusion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-20 11:11:00 UTC
From: dulmagedon@...
Topic: 13294 Message: 13295

I say! Seeing how the Queen is as German blooded as I am (Elizabeth Cobourg-Saxon (Windsor being a name only adopted by her family at the beginning of WW1 on advice from Parliament) I'll assume it came from the royal family and use it anyway. In reality It is a very short trip from Germany to England and not a stretch in anyway to think a Standard European tube socket which is right for the tube could not have come from England or Holland or France even anymore then a Canadian could not have used an American socket or visa versa back in the 1920s. I have crossed The Channel from the Continent to Harwich, England . Is a mere 55 minutes today. Probably a few hours back then by sail so I will live with it and appreciate having it. It is the right socket for the tube. ;>). So thank you still.
It is all done now and awaiting a smoke test. I always take a while to work up my nerve. And I am nervous about this one because the design is so different and solid info a bit scarce comparatively speaking. I have a plan B but am hoping I don't need to use it.
BTW I had the UV199 TX going Monday. It is not a strong rig but it works and that is enough.
No pics till it is working BTW. Das ist gebot.
donVe3LYX

13296. RE: [AWA Group] The Meissner Project continues & a confusion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-20 13:38:14 UTC
From: Mike Feher
Topic: 13294 Message: 13296

Actually, I believe that socket configuration started with the French for their “R” valve. It was soon adopted by most European countries. – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, April 20, 2016 6:32 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] The Meissner Project continues & a confusion

☐

Got a genuine European tube socket from Lou. A genuine English valve holder, Ol' Sport... humph.

BTW: GM All

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free. <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13297. RE: [AWA Group] The Meissner Project continues & a confusion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-20 15:17:57 UTC
From: Mike Feher
Topic: 13294 Message: 13297

Thinking about this some more makes me believe that there may have been some collaboration between the French and the British on this base configuration. They both had transmitters and receivers using R valves during WWI. The Brits had a lot of strange pinout configurations as did the Germans. I think by the very late teens and early 20s, most of Europe including the Germans standardized the majority of their tubes to the R valve pin configuration. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, April 20, 2016 9:38 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] The Meissner Project continues & a confusion

Actually, I believe that socket configuration started with the French for their “R” valve. It was soon adopted by most European countries. – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, April 20, 2016 6:32 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] The Meissner Project continues & a confusion

☐

Got a genuine European tube socket from Lou. A genuine English valve holder, Ol' Sport... humph.

BTW: GM All

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Virus-free. <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13298. Test Post ...Attachment

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-20 18:21:16 UTC
From: Louis Vermond
Topic: 13298 Message: 13298
Attachments: 1 described; binary payloads are missing from this source WARC

2.52 MB

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13299. RE: [AWA Group] Test Post ...Attachment [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-20 18:27:38 UTC
From: Mike Feher
Topic: 13298 Message: 13299

Wow, is that a new acquisition? That is a rare receiver. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, April 20, 2016 2:21 PM
To: AWAGroup
Subject: [AWA Group] Test Post ...Attachment [1 Attachment]

2.52 MB

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campai
gn=sig-email&utm_content=emailclient>

Virus-free.
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campai
gn=sig-email&utm_content=emailclient> www.avast.com

13300. Test Post ... Pasted 2.52 MB

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-20 18:37:48 UTC
From: Louis Vermond
Topic: 13300 Message: 13300
Attachments: 1 described; binary payloads are missing from this source WARC

The attachment has yet to RX here. Anyone else not RX it? Lou

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13301. New file uploaded to AWAGroup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-20 18:46:57 UTC
From: AWAGroup@yahoogroups.com
Topic: 114 Message: 13301

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the AWAGroup
group.

File : /TEST
Uploaded by : louisvermond <ldvermond@...>
Description :

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/AWAGroup/files/TEST%20

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

louisvermond <ldvermond@...>

13302. New file uploaded to AWAGroup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-20 18:50:09 UTC
From: AWAGroup@yahoogroups.com
Topic: 114 Message: 13302

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the AWAGroup
group.

File : /pro310b.jpg
Uploaded by : louisvermond <ldvermond@...>
Description : file test

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/AWAGroup/files/pro310b.jpg

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

louisvermond <ldvermond@...>

13303. Re: [AWA Group] Test Post ...Attachment [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-20 18:55:37 UTC
From: Louis Vermond
Topic: 13298 Message: 13303

Both arrived.

YS, only one at that size, but it's hopeful. Uploaded into File as well.

Yet, do they have to be enormous? Lou

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https://www.avast.com/antivirus

13304. RE: [AWA Group] The Meissner Project continues & a confusion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-20 21:40:11 UTC
From: dulmagedon@...
Topic: 13294 Message: 13304

Thanks Mike. i know even the European sites refer to it as a standard European socket (or sockel) so I suspect it is correct.
It passed the smoke test today but it doesn't run. I have to do some thinking now. Plate voltage is 131v keydown. Plate current 5.1ma , Heater voltage 4.33v, Grid neg -4.03V. Seems to me these are reasonable so usually if voltages are reasonable they run. I must have done something wrong but so far it looks right. Obviously it isnt or it would go. Tank tunes 10.50mhz. That may be too high for an old tube but somehow I doubt it however i will pad it to 40m. I may whip up an Armstrong coil assembly to see of it runs with that and if so work backwards. Won't make the MSN tonight I think as I will be late returning home. Have fun all.
donVe3LYX

13305. Meissner ... confusion .... MSN

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-20 21:57:24 UTC
From: Louis Vermond
Topic: 13305 Message: 13305

Won't make the MSN tonight I think as I will be late returning home. donVe3LYX Remember, it now starts at 8...

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13306. REL transmitter project

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-21 01:01:37 UTC
From: Steve Flood
Topic: 13306 Message: 13306
Attachments: 1 described; binary payloads are missing from this source WARC

Hello gang,

Well over a year ago, Lou (VE3AWA) asked if I wanted to take on a restoration of a Radio Engineering Laboratories (REL) Cat. #215 transmitter. I was unable to resist. He had acquired it from Harry (VE3GRO) several months prior, who had found it years earlier at a flea market or hamfest.

The 215 was one of several transmitters REL sold as kits in the late 1920's. It is a three-tube rig with a 227 oscillator (configurable as either a TNT or Hartley), a 224 buffer, and a 245 amplifier stage.

I have documented the restoration process in the attached pdf file. If for some reason the attachment isn't there, I will place a copy in the Files section.

As of last week, I had an operational transmitter and the time came to try a QSO.

It took a few attempts, but at my Apr. 18 sunset, Lou VE3AWA and I completed a contact, with Joe N3IBX and Steve VE7SL listening in. Lou was using his REL-175 and so this was a very special REL-REL QSO that we had planned for a long time.

73 all,

Steve KK7UV

This email has been checked for viruses by Avast antivirus software.
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13307. Re: [AWA Group] REL transmitter project [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-21 01:09:39 UTC
From: Steve
Topic: 13306 Message: 13307

Congrats Steve ... simply stunning and unbelievably excellent work. You should be very very proud of this one!

Steve 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

13308. RE: [AWA Group] REL transmitter project [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-21 02:19:35 UTC
From: Mike Feher
Topic: 13306 Message: 13308
Attachments: 1 described; binary payloads are missing from this source WARC

Absolutely fantastic Steve. I am envious of your patience and talents. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, April 20, 2016 9:02 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] REL transmitter project [1 Attachment]

Hello gang,

Well over a year ago, Lou (VE3AWA) asked if I wanted to take on a restoration of a Radio Engineering Laboratories (REL) Cat. #215 transmitter. I was unable to resist. He had acquired it from Harry (VE3GRO) several months prior, who had found it years earlier at a flea market or hamfest.

The 215 was one of several transmitters REL sold as kits in the late 1920's. It is a three-tube rig with a 227 oscillator (configurable as either a TNT or Hartley), a 224 buffer, and a 245 amplifier stage.

I have documented the restoration process in the attached pdf file. If for some reason the attachment isn't there, I will place a copy in the Files section.

As of last week, I had an operational transmitter and the time came to try a QSO.

It took a few attempts, but at my Apr. 18 sunset, Lou VE3AWA and I completed a contact, with Joe N3IBX and Steve VE7SL listening in. Lou was using his REL-175 and so this was a very special REL-REL QSO that we had planned for a long time.

73 all,

Steve KK7UV

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient&utm_term=icon>

Virus-free.
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campai

gn=sig-email&utm_content=emailclient&utm_term=link> www.avast.com

13309. Congratulations, OM!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-21 03:04:40 UTC
From: Louis Vermond
Topic: 13309 Message: 13309
Attachments: 2 described; binary payloads are missing from this source WARC

A labour of love and then some. Wonderful job of it, Steve. Matlack Transmitter Award and Blue Ribbon in one.

Awed, Lou

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https://www.avast.com/antivirus

13310. Re: [AWA Group] Congratulations, OM!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-21 11:54:08 UTC
From: Larry Szendrei
Topic: 13309 Message: 13310

What Mike and Lou said!

73,
-Larry/NE1S

> Absolutely fantastic Steve. I am envious of your patience and talents.
> 73 ? Mike
> A labour of love and then some. Wonderful job of it, Steve. Matlack
> Transmitter Award and Blue Ribbon in one.
> Awed, Lou
>

13311. Strange 40m Condx?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-21 20:10:43 UTC
From: Bill Stewart
Topic: 13311 Message: 13311

GA All,
While running the 2A5 rig this PM for a bit, I did a lot of CQing. Previously the band had been pretty dead. I made one QSO in MD with 589 both ways. However, later I was looking over the RBN hits, which were quite a few due to all the CQing and see that a few of the RBN reports were: W8WTS-29db, K8AZ-42db, KM3T-34db, K1TTT-42db and VE2WU-33db. All were at 1847Z except VE2WU at 1858. Most of the other reports were at my usual levels....+/-10db to in the 20s. Anyone else notice anything 'flaky' on 40 this afternoon. Just wondering why the 'lil rig was so strong at a few spots....whatever the reason...I love it. The 2A5 was running probably abt 16 w/in and maybe 8 or so out and on the 80m Windom.
73 de Bill K4JYS

13312. Need Marconi information

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-21 22:21:22 UTC
From: JAMES HANLON
Topic: 13312 Message: 13312

Y'all,

Once again, I'm working on a talk for this summer's Albuquerque, NM Hamfest about the significant developments in amateur radio technology from 1895 to the present. I've found on the web a picture of a recreation of Marconi's first transmitter, vintage 1894, but I'm not sure I believe the diagram I've found associated with it. The diagram I have shows a battery and switch (key) connected in series across a single-winding coil. A capacitor comes off the top of the coil and is connected to the top side side of a spark gap. The other side of the coil is connected to the bottom side of the spark gap. The top of the spark gap is connected to a "plate" asking as an antenna, the lower side of the spark gap is connected to another "plate."

Elsewhere, on Wikipedia in particular, I read that the coil was actually a Ruhmkorff Coil. It is a two-winding transformer with a vibrating "interrupter" in series with the primary that pulses the primary current and thus produces high voltage pulses in the secondary. I'm pretty sure that the "coil" in that diagram would have to be a Ruhmkorff Coil.

As to the "capacitor" in the diagram, the description and picture of the first Marconi transmitter on Wikipedia does not mention a capacitor. While I can see that the LC circuit comprised of the Ruhmkorff secondary and the capacitor (connected in parallel when the spark gap breaks down) would form a tuned circuit and might oscillate depending upon the damping in the circuit, I do not think that Marconi initially employed any tuning in his first transmitter. I think he just connected the secondary of his Ruhmkorff transformer to the spark gap directly without any capacitor in series and "let her rip."

I've found another diagram of a Spark Gap Transmitter circuit that looks more believable. It has a Ruhmkorff coil with a battery, key, and interrupter in the primary. The secondary is connected across a "condenser" and the to the two ends of the condenser are connected to a spark gap in series with a coil. The coil is inductively coupled to an "oscillation coil" whose ends are connected to an antenna and ground. That's my understanding of what a single-gap spark transmitter would have been like in the 1910 +/- era when "tuning" was being used. The secondary of the Ruhmkorff coil would have charged the capacitor to the point where its voltage would break down the spark gap. The charged capacitor would then be connected across the inductance of the antenna coil primary. That LC circuit would have given anything from a single pulse to a rapidly decaying sinusoidal waveform at the resonant frequency of its LC combination, depending on the amount of resistance in the primary circuit, due to the spark gap resistance and to loading of the secondary circuit. That primary waveform would have excited a longer lasting, slower decaying oscillation in the resonant circuit formed by the antenna coil and the capacitance of the antenna. If they were both tuned to the same frequency, so much the better.

So, what I'd like to know from you folks is this. Am I likely right about the hook-up of the original Marconi Transmitter? And do I understand correctly how the 1910 transmitter worked?

Thanks,

Jim Hanlon, W8KGI

13313. Re: [AWA Group] REL transmitter project [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-21 22:36:13 UTC
From: Bill Stewart
Topic: 13306 Message: 13313
Attachments: 1 described; binary payloads are missing from this source WARC

Congrats Steve on your refurb of the REL xmtr. You are definitely
a man of patience. "Beautiful' just doesn't describe your efforts and results good enuf.
Very interesting reading about the project...hope to work you on it someday.
73 de Bill K4JYS

----- Original Message -----

From: "'Steve Flood' kk7uv@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, April 20, 2016 9:01:37 PM
Subject: [AWA Group] REL transmitter project [1 Attachment]

Hello gang,

Well over a year ago, Lou (VE3AWA) asked if I wanted to take on a restoration of a Radio Engineering Laboratories (REL) Cat. #215 transmitter. I was unable to resist. He had acquired it from Harry (VE3GRO) several months prior, who had found it years earlier at a flea market or hamfest.

The 215 was one of several transmitters REL sold as kits in the late 1920’s. It is a three-tube rig with a 227 oscillator (configurable as either a TNT or Hartley), a 224 buffer, and a 245 amplifier stage.

I have documented the restoration process in the attached pdf file. If for some reason the attachment isn’t there, I will place a copy in the Files section.

As of last week, I had an operational transmitter and the time came to try a QSO.

It took a few attempts, but at my Apr. 18 sunset, Lou VE3AWA and I completed a contact, with Joe N3IBX and Steve VE7SL listening in. Lou was using his REL-175 and so this was a very special REL-REL QSO that we had planned for a long time.

73 all,
Steve KK7UV

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13314. Re: REL transmitter project

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-22 00:40:49 UTC
From: kk7uv@...
Topic: 13306 Message: 13314

Thank you for the nice comments everyone. Despite some difficulties and anxieties in the process, it was very rewarding and especially so during it's first QSO.

I'll be doing some additional work with a dedicated power supply, and winding a coil set for 40m operation. I may attempt to homebrew a coil set for 160m also.

Steve KK7UV

13315. Re: Strange 40m Condx?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-22 01:02:58 UTC
From: dulmagedon@...
Topic: 13311 Message: 13315

I checked and saw you were still ringing the bell on the RBN 7048-9 at 1945z. Went down to studio B , warmed up the 211 TNT just in time for the CW practice transmission.Went below to --46 and above but too little too late I guess. Band was still open as I could hear a few signals still but eventually it got quiet. Anytime you or anyone else wants to test , if I am home and see the note I will be there. If one of you is testing I will run one of the 211 rigs so you wont be straining to hear.
donVe3LYX

13316. Need Marconi information

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-22 14:33:20 UTC
From: Louis Vermond
Topic: 13312 Message: 13316
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Jim,

If there is a transcript of your talk, please share it here after the presentation. Lou

Am I likely right about the hook-up of the original Marconi Transmitter? And do I understand correctly how the 1910 transmitter worked?
Yes and yes.

I do not think that Marconi initially employed any tuning in his first transmitter. I think he just connected the secondary of his Ruhmkorff transformer to the spark gap directly without any capacitor in series and "let her rip."

Correct, as you see.

I have visited Villa Griffone, Marconi's home/museum. Up stairs in The Attic were displays including a reproduction as you see here. Being alone, I reached over and keyed the rig. Unfortunately, the battery was dead.

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https://www.avast.com/antivirus

13317. Meissner A408 Tx runs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-22 16:37:54 UTC
From: dulmagedon@...
Topic: 13317 Message: 13317

At about 11.25 last night it barked to life. It is not a real strong set. Hopefully that is just teething problems.
It seems very stable and the note is clean however i have had it on batteries only so far. The A408 tube does not run hot. Barely perceptable warmth actually. I got the tube or plate draw up to 8ma at 129volts. A lot of flogging to go before I duel with Lou's britsh set. Still it was a thrill to see it up and running. todays goal is to move it solidly into the 40m band and optimize the grid leak assembly. Will keep an ear around 7049 in case Bill gets playing.

donVe3LYX

13318. Re: [AWA Group] Meissner A408 Tx runs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-22 17:36:06 UTC
From: Bill Stewart
Topic: 13317 Message: 13318

Congrats Don. I know that feeling when one of these things produces that beautiful sound of oscillation...surely puts a smile on ya mug. My Meissner is for 160 only, so an additional pat-on-the-back for moving up into the 'hf' region. That ckt is somewhat of an odd bugger, but I found, at least on 160, that it is quite stable. The only in-stability I found was with antenna movement due to wind...which, as you know, sounds pretty neat if not too bad. Probably won't be on any today due to storms. Have fun.
...73 de Bill K4JYS

----- Original Message -----

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Friday, April 22, 2016 12:37:54 PM
Subject: [AWA Group] Meissner A408 Tx runs

At about 11.25 last night it barked to life. It is not a real strong set. Hopefully that is just teething problems.

It seems very stable and the note is clean however i have had it on batteries only so far. The A408 tube does not run hot. Barely perceptable warmth actually. I got the tube or plate draw up to 8ma at 129volts. A lot of flogging to go before I duel with Lou's britsh set. Still it was a thrill to see it up and running. todays goal is to move it solidly into the 40m band and optimize the grid leak assembly. Will keep an ear around 7049 in case Bill gets playing.

donVe3LYX

13319. Re: [AWA Group] Meissner A408 Tx runs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-22 22:15:26 UTC
From: Don Dulmage
Topic: 13317 Message: 13319

Thanks Bill,
It is a odd deal to work with and pernickity but seems stable. I am in the try this thry that stage now trying to find the sweet spots some good some bad. It will be awhile I think before it hits the air. Found an original circuit but there are also many variations.
donVe3LYX

On Fri, 4/22/16, Bill Stewart cwopr@embarqmail.com [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Meissner A408 Tx runs
To: AWAGroup@yahoogroups.com
Received: Friday, April 22, 2016, 1:36 PM

Congrats
Don. I know that feeling when one of these things produces
that
beautiful sound of oscillation...surely
puts a smile on ya mug. My Meissner
is for
160 only, so an additional pat-on-the-back for moving up
into the 'hf'
region. That ckt is
somewhat of an odd bugger, but I found, at least on 160,
that it is quite stable. The only in-stability
I found was with antenna movement
due to
wind...which, as you know, sounds pretty neat if not too
bad. Probably
won't be on any today
due to storms. Have fun.
...73 de Bill
K4JYS

From:
"dulmagedon@... [AWAGroup]"
<AWAGroup@yahoogroups.com>
To:
AWAGroup@yahoogroups.com
Sent:
Friday, April 22, 2016 12:37:54 PM
Subject: [AWA Group] Meissner A408 Tx
runs

At about 11.25 last night it barked to life. It is
not a real strong set. Hopefully that is just teething
problems.

It seems very stable
and the note is clean however i have had it on batteries
only so far. The A408 tube does not run hot. Barely
perceptable warmth actually. I got the tube or plate draw up
to 8ma at 129volts. A lot of flogging to go before I duel
with Lou's britsh set. Still it was a thrill to see it
up and running. todays goal is to move it solidly into the
40m band and optimize the grid leak assembly. Will keep an
ear around 7049 in case Bill gets playing.
donVe3LYX

13320. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-23 10:46:28 UTC
From: Louis Vermond
Topic: 130 Message: 13320
Attachments: 2 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/5-VINTAGE-5-PIN-HAM-BAND-TRANSMITTING-TANK-COILS-MILITARY-or-AMATUER-RADIO-/231921204983?hash=item35ff94bef7:g:7l8AAOSwlfxXGZ8H

Clever lad...

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13321. Wireless Telegraph

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-23 13:22:34 UTC
From: Mike Feher
Topic: 13321 Message: 13321
Attachments: 1 described; binary payloads are missing from this source WARC

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

13322. Tube Year ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-23 22:10:23 UTC
From: Louis Vermond
Topic: 13322 Message: 13322

Hi,

Which well known tube appeared on the market in 1932? Tks, Lou

---
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13323. Shack tales Tnt gets a tune up.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-23 23:43:56 UTC
From: dulmagedon@...
Topic: 13323 Message: 13323

First a quick update on the A408. I cleaned up all the extra long test style wiring making it neat as possible and guess what? Those who have been there already know. It doesn't work now. Probably not enuf feedback would be my guess. But that is ok. This is a side project anyway so I set it aside and went to work on the old 45 TNT. It didn't like the #10 and I knew from sniffer tests the grid coil was low in freq. Dynamic tests give somewhat different results then static CGO tests so I now use the sniffer for setting grid coils. This is the set I first did the loop on so I did some before and after tests as well with it.
I remade the grid coil since it had some war wounds. It is now centered nicely around 7200 but will go all the way to 7290 (AM window) or 7050 for CW. if need be. Sniffer stays brightly lit the whole way. I would highly recommend the sniffer for setting grid coils. Anyway after I was done I tried the Loop mod again. Deafening. Amazing how getting the grid on track better also improved the modulation and power. I did all the set up with the Number 10 tube in place after I got it heading in the right direction. Enuf for today.
donVE3LYX

13324. Shack tales Tnt gets a tune up.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-23 23:45:35 UTC
From: dulmagedon@...
Topic: 13323 Message: 13324

First a quick update on the A408. I cleaned up all the extra long test style wiring making it neat as possible and guess what? Those who have been there already know. It doesn't work now. Probably not enuf feedback would be my guess. But that is ok. This is a side project anyway so I set it aside and went to work on the old 45 TNT. It didn't like the #10 and I knew from sniffer tests the grid coil was low in freq. Dynamic tests give somewhat different results then static CGO tests so I now use the sniffer for setting grid coils. This is the set I first did the loop on so I did some before and after tests as well with it.
I remade the grid coil since it had some war wounds. It is now centered nicely around 7200 but will go all the way to 7290 (AM window) or 7050 for CW. if need be. Sniffer stays brightly lit the whole way. I would highly recommend the sniffer for setting grid coils. Anyway after I was done I tried the Loop mod again. Deafening. Amazing how getting the grid on track better also improved the modulation and power. I did all the set up with the Number 10 tube in place after I got it heading in the right direction. Enuf for today.
donVE3LYX
1932? 6L6?

13325. RE: [AWA Group] Tube Year ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-24 00:08:10 UTC
From: Steve Flood
Topic: 13322 Message: 13325

The "39" ?

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13326. Re: [AWA Group] Might be spring fever. Need some info. [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-24 00:25:18 UTC
From: Larry Szendrei
Topic: 13278 Message: 13326

Sorry, Don, way behind in this email stuff...

> The dragster is the car I crashed in about 2 weeks after this foto.
>
I remember when you reported that.

> Since it is retired I would like to out a rig in the 63 Dodge.
>
My 1st car, which was also the car in which I learned to drive, was a 1963 Dodge Dart, with 3 on the column.

> What is the rig you have in the Falcon?
>
The XMTR is an Elmac A-54H (807 modulated by a pair of 5881s) powered with a PE-103 dynamotor in the trunk. RCVR is Gonset Super-6 converter going into the Falcon AM BC radio. ANT Webster bandspanner. IIRC the radio stuff is about a decade older than the car. I Make the most QSOs on 75M AM, although the station will also work on 40, 20, 10 (and 11!) meters.

73,
-Larry/NE1S

13327. Re: [AWA Group] Tube Year ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-24 01:15:17 UTC
From: Louis Vermond
Topic: 13322 Message: 13327

That'll do, tks Steve... Lou

----- Original Message -----
From: 'Steve Flood' kk7uv@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-04-23 8:08 PM
Subject: RE: [AWA Group] Tube Year ?

The "39" ?

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13328. Re: [AWA Group] Might be spring fever. Need some info. [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-24 11:13:06 UTC
From: dulmagedon@...
Topic: 13278 Message: 13328

Thanks Larry, I often wondered how those converters to the car radio were.
Back when predriving teen I had a No 11 Wireless set for SWLing Since it had a seperate PSU for transmit and receive Dad let me install it in the trunk of the 1961 Dodge (rig and only the Rec Dynamotor)when we went on holidays to NC , some beach /camp ground down there. I remember the girls at the beach wanting to know why we didn't speak Eskimo since we were from Canada. I was worried about border crossing but Dad told me to take the rig made in 1939 by Canadian Marconi (I had 2 of them)as our border people could not ding me since it was Canadian made and clearly stated on the production tag. . His thought was it would keep me out of trouble when we were camping as I would be occupied. I was occupied but always in trouble since I entered this exciting world ;>). You don't see No 11s anymore. It is too bad as they were a super well built set. There is one in the Communications Museum in Kingston (And probably a couple in Mike's basement). The engine is in the dragster is from a 62 Valiant Signet 200. A 63 Dart would be nice to have even today. They are getting expensive! Last one I saw and it was very nice was sold for $17000 Can funds. A neighbour bought it but I don't see it anymore so he probably sold it.It came here from the Calisle show.
That s a real nice set up up you have. Must be a lot of fun to operate.
Thanks for the update and GD DX. Hope to copy you when your mobile sometime.
donVe3LYX

13329. Ur Ham Word for Today...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-24 14:03:21 UTC
From: Louis Vermond
Topic: 13329 Message: 13329
Attachments: 1 described; binary payloads are missing from this source WARC

chassis = châssis = undercarriage

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13330. RE: [AWA Group] Ur Ham Word for Today...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-24 14:35:27 UTC
From: Mike Feher
Topic: 13329 Message: 13330
Attachments: 3 described; binary payloads are missing from this source WARC

Now this is a chassis -

Milana is the girl from the ATT commercials. - Mike

https://www.youtube.com/watch?v=UcKSjMrc8gc

https://en.wikipedia.org/wiki/Milana_Vayntrub

cid:image001.png@01D16981.5C8CE410

cid:image002.png@01D16982.71690CF0

cid:image003.png@01D169C7.E32BEC50

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campai
gn=sig-email&utm_content=emailclient>

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<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campai
gn=sig-email&utm_content=emailclient> www.avast.com

13331. Re: [AWA Group] Ur Ham Word for Today...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-24 14:43:07 UTC
From: STEVE MCDONALD
Topic: 13329 Message: 13331

> chassis = châssis = undercarriage

hernia = exit of an organ, such as the bowels

13332. Re: [AWA Group] Ur Ham Word for Today...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-24 14:47:42 UTC
From: Louis Vermond
Topic: 13329 Message: 13332

hernia Clever Steve!

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13333. Re: [AWA Group] Ur Ham Word for Today...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-24 14:51:13 UTC
From: Roger Kuchera
Topic: 13329 Message: 13333

Nice and hefty!
Roger/K1TG

On Sunday, April 24, 2016 10:47 AM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv8224165541 #yiv8224165541 .yiv8224165541ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv8224165541 div.yiv8224165541ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv8224165541 div.yiv8224165541photo-title a, #yiv8224165541 div.yiv8224165541photo-title a:active, #yiv8224165541 div.yiv8224165541photo-title a:hover, #yiv8224165541 div.yiv8224165541photo-title a:visited {text-decoration:none;}#yiv8224165541 div.yiv8224165541attach-table div.yiv8224165541attach-row {clear:both;}#yiv8224165541 div.yiv8224165541attach-table div.yiv8224165541attach-row div {float:left;}#yiv8224165541 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv8224165541 div.yiv8224165541ygrp-file {width:30px;}#yiv8224165541 div.yiv8224165541attach-table div.yiv8224165541attach-row div div a {text-decoration:none;}#yiv8224165541 div.yiv8224165541attach-table div.yiv8224165541attach-row div div span {font-weight:normal;}#yiv8224165541 div.yiv8224165541ygrp-file-title {font-weight:bold;}#yiv8224165541 --> ☐

hernia Clever Steve!

| | Virus-free. www.avast.com |

13334. Re: [AWA Group] Ur Ham Word for Today...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-24 15:02:12 UTC
From: Louis Vermond
Topic: 13329 Message: 13334
Attachments: 1 described; binary payloads are missing from this source WARC

Now this is a chassis -

Now Boys, remember, this is a Ham Values Group....

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https://www.avast.com/antivirus

13335. RE: [AWA Group] Ur Ham Word for Today...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-24 15:04:50 UTC
From: Mike Feher
Topic: 13329 Message: 13335
Attachments: 1 described; binary payloads are missing from this source WARC

Tell me what ham does not value this? -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, April 24, 2016 11:02 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Ur Ham Word for Today...

Now this is a chassis -

Now Boys, remember, this is a Ham Values Group....

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campai
gn=sig-email&utm_content=emailclient>

Virus-free.
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campai
gn=sig-email&utm_content=emailclient> www.avast.com

13336. RE: [AWA Group] Ur Ham Word for Today...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-24 15:51:23 UTC
From: Mike Feher
Topic: 13329 Message: 13336
Attachments: 1 described; binary payloads are missing from this source WARC

Well, maybe you guys are too young, or, Canuks used a different terminology. However, I vividly recall from my youth that whenever a group of us young hams saw a YL with beautiful proportions, it usually elicited a comment like "Wow, what a chassis" from one of us. Consequently in the ham vernacular it applies equally well. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, April 24, 2016 11:02 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Ur Ham Word for Today...

Now this is a chassis -

Now Boys, remember, this is a Ham Values Group....

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free.
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13337. Re: [AWA Group] Ur Ham Word for Today...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-24 15:55:06 UTC
From: Roger Kuchera
Topic: 13329 Message: 13337
Attachments: 1 described; binary payloads are missing from this source WARC

The poor thing seems to have a respiratory condition!

On Sunday, April 24, 2016 11:53 AM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv2040787231 #yiv2040787231 .yiv2040787231ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv2040787231 div.yiv2040787231ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv2040787231 div.yiv2040787231photo-title a, #yiv2040787231 div.yiv2040787231photo-title a:active, #yiv2040787231 div.yiv2040787231photo-title a:hover, #yiv2040787231 div.yiv2040787231photo-title a:visited {text-decoration:none;}#yiv2040787231 div.yiv2040787231attach-table div.yiv2040787231attach-row {clear:both;}#yiv2040787231 div.yiv2040787231attach-table div.yiv2040787231attach-row div {float:left;}#yiv2040787231 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv2040787231 div.yiv2040787231ygrp-file {width:30px;}#yiv2040787231 div.yiv2040787231attach-table div.yiv2040787231attach-row div div a {text-decoration:none;}#yiv2040787231 div.yiv2040787231attach-table div.yiv2040787231attach-row div div span {font-weight:normal;}#yiv2040787231 div.yiv2040787231ygrp-file-title {font-weight:bold;}#yiv2040787231 --> <!--#yiv2040787231 _filtered #yiv2040787231 {font-family:Wingdings;panose-1:5 0 0 0 0 0 0 0 0 0;} _filtered #yiv2040787231 {font-family:"Cambria Math";panose-1:2 4 5 3 5 4 6 3 2 4;} _filtered #yiv2040787231 {font-family:Calibri;panose-1:2 15 5 2 2 2 4 3 2 4;} _filtered #yiv2040787231 {font-family:Tahoma;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv2040787231 {font-family:Verdana;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv2040787231 {font-family:Consolas;panose-1:2 11 6 9 2 2 4 3 2 4;}#yiv2040787231 #yiv2040787231 p.yiv2040787231MsoNormal, #yiv2040787231 li.yiv2040787231MsoNormal, #yiv2040787231 div.yiv2040787231MsoNormal {margin:0in;margin-bottom:.0001pt;font-size:12.0pt;font-family:"Times New Roman", "serif";}#yiv2040787231 a:link, #yiv2040787231 span.yiv2040787231MsoHyperlink {color:blue;text-decoration:underline;}#yiv2040787231 a:visited, #yiv2040787231 span.yiv2040787231MsoHyperlinkFollowed {color:purple;text-decoration:underline;}#yiv2040787231 p {margin-right:0in;margin-left:0in;font-size:12.0pt;font-family:"Times New Roman", "serif";}#yiv2040787231 code {font-family:"Courier New";}#yiv2040787231 pre {margin:0in;margin-bottom:.0001pt;font-size:10.0pt;font-family:"Courier New";}#yiv2040787231 tt {font-family:"Courier New";}#yiv2040787231 span.yiv2040787231cat {}#yiv2040787231 span.yiv2040787231ct {}#yiv2040787231 span.yiv2040787231HTMLPreformattedChar {font-family:Consolas;}#yiv2040787231 p.yiv2040787231attach, #yiv2040787231 li.yiv2040787231attach, #yiv2040787231 div.yiv2040787231attach {margin-right:0in;margin-left:0in;font-size:9.0pt;font-family:"Arial", "sans-serif";}#yiv2040787231 p.yiv2040787231bold, #yiv2040787231 li.yiv2040787231bold, #yiv2040787231 div.yiv2040787231bold

{margin-right:0in;margin-left:0in;font-size:10.0pt;font-family:"Arial",
"sans-serif";font-weight:bold;}#yiv2040787231 p.yiv2040787231green, #yiv2040787231
li.yiv2040787231green, #yiv2040787231 div.yiv2040787231green
{margin-right:0in;margin-left:0in;font-size:12.0pt;font-family:"Times New Roman",
"serif";color:#628C2A;}#yiv2040787231 p.yiv2040787231replbq, #yiv2040787231
li.yiv2040787231replbq, #yiv2040787231 div.yiv2040787231replbq
{margin:3.0pt;font-size:12.0pt;font-family:"Times New Roman", "serif";}#yiv2040787231
p.yiv2040787231ad, #yiv2040787231 li.yiv2040787231ad, #yiv2040787231 div.yiv2040787231ad
{margin-right:0in;margin-left:0in;font-size:12.0pt;font-family:"Times New Roman",
"serif";}#yiv2040787231 p.yiv2040787231underline, #yiv2040787231
li.yiv2040787231underline, #yiv2040787231 div.yiv2040787231underline
{margin-right:0in;margin-left:0in;font-size:12.0pt;font-family:"Times New Roman",
"serif";}#yiv2040787231 span.yiv2040787231yshortcuts {}#yiv2040787231 p.yiv2040787231ad1,
#yiv2040787231 li.yiv2040787231ad1, #yiv2040787231 div.yiv2040787231ad1
{margin-right:0in;margin-left:0in;font-size:12.0pt;font-family:"Times New Roman",
"serif";}#yiv2040787231 p.yiv2040787231ad2, #yiv2040787231 li.yiv2040787231ad2,
#yiv2040787231 div.yiv2040787231ad2
{margin-right:0in;margin-bottom:7.5pt;margin-left:0in;font-size:12.0pt;font-family:"Times
New Roman", "serif";}#yiv2040787231 p.yiv2040787231underline1, #yiv2040787231
li.yiv2040787231underline1, #yiv2040787231 div.yiv2040787231underline1
{margin-right:0in;margin-left:0in;font-size:12.0pt;font-family:"Times New Roman",
"serif";text-decoration:underline;}#yiv2040787231 span.yiv2040787231yshortcuts1
{font-family:"Verdana", "sans-serif";font-weight:bold;}#yiv2040787231
span.yiv2040787231yshortcuts2 {font-family:"Verdana",
"sans-serif";font-weight:normal;}#yiv2040787231 span.yiv2040787231EmailStyle37
{font-family:"Calibri", "sans-serif";color:#1F497D;}#yiv2040787231
.yiv2040787231MsoChpDefault {font-size:10.0pt;} _filtered #yiv2040787231 {margin:1.0in
1.0in 1.0in 1.0in;}#yiv2040787231 div.yiv2040787231WordSection1 {}#yiv2040787231 _filtered
#yiv2040787231 {} _filtered #yiv2040787231 {font-family:Symbol;} _filtered #yiv2040787231
{font-family:"Courier New";} _filtered #yiv2040787231 {font-family:Wingdings;} _filtered
#yiv2040787231 {font-family:Wingdings;} _filtered #yiv2040787231 {font-family:Wingdings;}
_filtered #yiv2040787231 {font-family:Wingdings;} _filtered #yiv2040787231
{font-family:Wingdings;} _filtered #yiv2040787231 {font-family:Wingdings;} _filtered
#yiv2040787231 {font-family:Wingdings;}#yiv2040787231 ol
{margin-bottom:0in;}#yiv2040787231 ul {margin-bottom:0in;}-->

Well, maybe you guys are too young, or, Canuks used a different terminology. However, I vividly recall from my youth that whenever a group of us young hams saw a YL with beautiful proportions, it usually elicited a comment like “Wow, what a chassis” from one of us. Consequently in the ham vernacular it applies equally well. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, April 24, 2016 11:02 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Ur Ham Word for Today... Now t! his is a chassis - Now Boys, remember, this is a Ham Values Group....
| | Virus-free. www.avast.com |

13338. RE: [AWA Group] Ur Ham Word for Today...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-24 15:58:29 UTC
From: Mike Feher
Topic: 13329 Message: 13338
Attachments: 1 described; binary payloads are missing from this source WARC

Yes, it is very obvious in the ATT commercials. My favorites now, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, April 24, 2016 11:55 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Ur Ham Word for Today...

The poor thing seems to have a respiratory condition!

On Sunday, April 24, 2016 11:53 AM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Well, maybe you guys are too young, or, Canuks used a different terminology. However, I vividly recall from my youth that whenever a group of us young hams saw a YL with beautiful proportions, it usually elicited a comment like “Wow, what a chassis” from one of us. Consequently in the ham vernacular it applies equally well. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, April 24, 2016 11:02 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Ur Ham Word for Today...

Now t! his is a chassis -

Now Boys, remember, this is a Ham Values Group....

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free. <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13339. RE: [AWA Group] Wireless Telegraph

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-24 16:36:41 UTC
From: Mike Feher
Topic: 13321 Message: 13339
Attachments: 1 described; binary payloads are missing from this source WARC

Did anyone get this, or, do I have to spell it out? - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, April 23, 2016 9:23 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Wireless Telegraph

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

13340. Re: [AWA Group] Wireless Telegraph

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-24 18:40:54 UTC
From: Larry Szendrei
Topic: 13321 Message: 13340

On 4/24/16 12:36 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Did anyone get this, or, do I have to spell it out? ? Mike
>
>
Yeah, I got it, I think. "Wireless telegraph" equates to "playing
footsie," no? Or is there more?

73,
-Larry/NE1S

13341. Re: [AWA Group] Wireless Telegraph

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-24 19:32:40 UTC
From: Roger Kuchera
Topic: 13321 Message: 13341

Unless the guy is tapping RR Morse on the YLs foot, No idea!
Roger/K1TG

On Sunday, April 24, 2016 2:40 PM, "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv9348056232 #yiv9348056232 -- #yiv9348056232 .yiv9348056232ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv9348056232 div.yiv9348056232ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv9348056232 div.yiv9348056232photo-title a, #yiv9348056232 div.yiv9348056232photo-title a:active, #yiv9348056232 div.yiv9348056232photo-title a:hover, #yiv9348056232 div.yiv9348056232photo-title a:visited {text-decoration:none;}#yiv9348056232 div.yiv9348056232attach-table div.yiv9348056232attach-row {clear:both;}#yiv9348056232 div.yiv9348056232attach-table div.yiv9348056232attach-row div {float:left;}#yiv9348056232 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv9348056232 div.yiv9348056232ygrp-file {width:30px;}#yiv9348056232 div.yiv9348056232attach-table div.yiv9348056232attach-row div div a {text-decoration:none;}#yiv9348056232 div.yiv9348056232attach-table div.yiv9348056232attach-row div div span {font-weight:normal;}#yiv9348056232 div.yiv9348056232ygrp-file-title {font-weight:bold;}#yiv9348056232 #yiv9348056232

On 4/24/16 12:36 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

> Did anyone get this, or, do I have to spell it out? – Mike

Yeah, I got it, I think. "Wireless telegraph" equates to "playing footsie," no? Or is there more?

73,
-Larry/NE1S

13342. RE: [AWA Group] Wireless Telegraph

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-24 20:48:37 UTC
From: Mike Feher
Topic: 13321 Message: 13342

Exactly. Now the FCC does not even require CW. How can we communicate when all else fails? - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, April 24, 2016 2:41 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Wireless Telegraph

On 4/24/16 12:36 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

Did anyone get this, or, do I have to spell it out? - Mike

Yeah, I got it, I think. "Wireless telegraph" equates to "playing footsie," no? Or is there more?

73,
-Larry/NE1S

13343. RE: [AWA Group] Wireless Telegraph

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-24 20:50:18 UTC
From: Mike Feher
Topic: 13321 Message: 13343

You got it Roger. A nice way to ignore someone without them knowing, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, April 24, 2016 3:33 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Wireless Telegraph

Unless the guy is tapping RR Morse on the YLs foot, No idea!

Roger/K1TG

On Sunday, April 24, 2016 2:40 PM, "Larry Szendrei ne1s@... [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:

On 4/24/16 12:36 PM, 'Mike Feher' n4fs@eozinc.com [AWAGroup] wrote:

Did anyone get this, or, do I have to spell it out? – Mike

Yeah, I got it, I think. "Wireless telegraph" equates to "playing footsie," no? Or is there more?

73,
-Larry/NE1S

13344. Meissner runs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-24 21:11:42 UTC
From: dulmagedon@...
Topic: 13344 Message: 13344

With a very minor mod I got the Meissner up and running. It tune all of 80M. I have some more clean up to do and connectors to install but it works so that is enuf for today.

donVe3LYX

13345. Re: [AWA Group] Meissner runs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-24 21:43:47 UTC
From: Louis Vermond
Topic: 13344 Message: 13345

Ready to give u a rpt when ur ready. Lou

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-04-24 5:11 PM
Subject: [AWA Group] Meissner runs

With a very minor mod I got the Meissner up and running. It tune all of 80M. I have some more clean up to do and connectors to install but it works so that is enuf for today.

donVe3LYX

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13346. Re: [AWA Group] Meissner runs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-25 01:00:52 UTC
From: dulmagedon@...
Topic: 13344 Message: 13346

Thanks Lou, I am working towards that end. Once I got it running I quit for the day after I made sure it would go every time. I ran it off my 26 tube regens battery supply. I did at one point hook the antenna and ground to it. It still ran. I dont think it is very powerful but I think i could run this tube maybe 180 volts safely which might be enuf. I also have been practicing drawing Der Schwarzen Adler so I can draw it on the front panel and it will look right. If it works out I will go on the hunt for a 1920s German Key. I have moved my keying out of the rigs and into the PSUs on some of my rigs and will continue that practice from now on I think. It sounded nice on the monitor but that is probably due to it being on battery power. Anyway when I get to that point I will give you the first QSO. I did fire up the 210 in the TNT today on 7290. Got a response from Rheinbeck NY and we tried a couple of exchanges but conditions were against me at that power level. The 210 is a interesting tube. Similar in power to a hot 45 but a lot more suited to transmitter use. I didn't realize that before.
donVe3LYX

13347. Meissner teaser

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-25 14:20:26 UTC
From: dulmagedon@...
Topic: 13347 Message: 13347
Attachments: 1 described; binary payloads are missing from this source WARC

Here is a teaser. I have to try and make it pretty behind the panel. Hard for me. It is like painting the inside of an engine. (Why?) But I'll do my best. Here form follows function but sometimes a long way behind. Function is where my interest lies.
donVe3LYX

13348. Re: [AWA Group] Meissner teaser [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-25 14:47:55 UTC
From: Louis Vermond
Topic: 13348 Message: 13348

Here is a teaser. ...Arg

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13349. Re: [AWA Group] Meissner teaser [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-26 17:31:40 UTC
From: dulmagedon@...
Topic: 13348 Message: 13349

Ok it is now working not bad. It has a very nice note. Not much power though. u Just under a watt out I would think. Testing though indicates it should be heard if all is good. So i am tuned up on 3693kcs and would suggest + or - 3 when hunting for me as not all digital rxs read the same freq. Not will not be strong but very clean. I notice no chirp. I am on battery power only so will have to keep it short. So at whatever time we agree on I will send slow VVV VVV VVV de VE3LYX till I get a reply. I did some more research today O guess I really need a A134 tube but this is what I have so there we are.
If the closer stations can monitor as well it might be good. Ie NY state. And I did clean it up more today.
donVe3LYX

13350. RE: [AWA Group] Meissner teaser

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-26 18:30:06 UTC
From: Mike Feher
Topic: 13348 Message: 13350

Good going Don. BTW, all digital RXs read a lot closer in frequency than analog one’s do, HI. Ask Larry. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, April 26, 2016 1:32 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Meissner teaser

Ok it is now working not bad. It has a very nice note. Not much power though. u Just under a watt out I would think. Testing though indicates it should be heard if all is good. So i am tuned up on 3693kcs and would suggest + or - 3 when hunting for me as not all digital rxs read the same freq. Not will not be strong but very clean. I notice no chirp. I am on battery power only so will have to keep it short. So at whatever time we agree on I will send slow VVV VVV VVV de VE3LYX till I get a reply. I did some more research today O guess I really need a A134 tube but this is what I have so there we are.
If the closer stations can monitor as well it might be good. Ie NY state. And I did clean it up more today.
donVe3LYX

13351. RE: [AWA Group] Meissner teaser

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-27 00:07:29 UTC
From: dulmagedon@...
Topic: 13348 Message: 13351
Attachments: 2 described; binary payloads are missing from this source WARC

Here it is. Not much to look at I am afraid. Coil is the biggest item and took a lot of experimenting to arrive at this one. I tried a split tuning coil but wound up eventually with this one. And it took a lot of flogging as well. Interestingly for me anyway rig will run with no grid resistor but any reasonable value settles it down noticeably. Then it was a matter of sorting through to find the best trade off between good note and reasonable power.
This design despite some handicaps power wise would have no trouble meeting 1929 rules I suspect. Very clean from what I can tell here. I have to find what battery brand was hot in the 1920s in Germany and make facsimiles.
I also would like to build a proper set of 45 volt batteries. I ran this successfully as high as 170 volts and have no reason to think it won't run at 180 volts. It will not run at 280v though. Batteries shown which are dollar store D cells have run the tube for many hours so far and are still at good levels. This tube runs cold. You can barely perceive it has a heater even after an hour. I am sure it is warm inside but you would not know that. Probably a very good osc tube. I couldn't fix first production exactly. Some sights said 1924 but Radiomuseum shows first commercial use in 1926. I have to confess, I stole this tube. I have just under $40 Canadian including getting it here. I have seen them listed for many times that. It must have had my name on it. They must have found out I look like die letze Kaizer. Anyway there it is for what its worth.
donVe3LYX

13352. RE: [AWA Group] Meissner teaser [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-27 00:20:19 UTC
From: Mike Feher
Topic: 13348 Message: 13352

En nem tudom hogy te mit mondsz men Nemetul beszull, - however, I will send you several photos of German batteries probably tomorrow that were used from the teens through WWII. I have numerous German radios that use them. Minden jot - Mihaly

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, April 26, 2016 8:07 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Meissner teaser [2 Attachments]

Here it is. Not much to look at I am afraid. Coil is the biggest item and took a lot of experimenting to arrive at this one. I tried a split tuning coil but wound up eventually with this one. And it took a lot of flogging as well. Interestingly for me anyway rig will run with no grid resistor but any reasonable value settles it down noticeably. Then it was a matter of sorting through to find the best trade off between good note and reasonable power.
This design despite some handicaps power wise would have no trouble meeting 1929 rules I suspect. Very clean from what I can tell here. I have to find what battery brand was hot in the 1920s in Germany and make facsimiles.
I also would like to build a proper set of 45 volt batteries. I ran this successfully as high as 170 volts and have no reason to think it won't run at 180 volts. It will not run at 280v though. Batteries shown which are dollar store D cells have run the tube for many hours so far and are still at good levels. This tube runs cold. You can barely perceive it has a heater even after an hour. I am sure it is warm inside but you would not know that. Probably a very good osc tube. I couldn't fix first production exactly. Some sights said 1924 but Radiomuseum shows first commercial use in 1926. I have to confess, I stole this tube. I have just under $40 Canadian including getting it here. I have seen them listed for many times that. It must have had my name on it. They must have found out I look like die letze Kaizer. Anyway there it is for what its worth.
donVe3LYX

13353. Herr Meissner stolzieren seine Low C

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-27 01:11:02 UTC
From: Louis Vermond
Topic: 13353 Message: 13353
Attachments: 1 described; binary payloads are missing from this source WARC

Band?

Signal quality loaded into an antenna? Output?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13354. Meissner

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-27 11:28:26 UTC
From: dulmagedon@...
Topic: 13354 Message: 13354

Vielendank alle (Many thanks all)
Thanks Mike I will look forward to seeing those battery pictures. I have bought batteries in Germany but they were always Duracel. Hardly period correct. The Kaizer story is an interesting one. We were on a bus tour in Austria and Germany . Sound of Music Tour. At dinner in the Behr Hotel in Innisbruck a retired British Banker said to me "Donald, have you seen the large portrait in the Lobby? I hope it won't offend you but it looks very much like you." I hadn't so after dinner we went and looked. It did moustache, and all. It was dark so in the morning we went down and my wife shot a photo of me standing in front of it. Our bus driver Dragoon who spoke no english was standing watching this. I said to him as he watched, "Hast du mein bild gesehen?" (have you my picture seen?) He snapped his heels together and stood at attention. Montioning to one of the tour organizers to come. We asked who it was. The organizer asked him. "Das ist die letze Kaizer" (That is the last Kaiser) (Kaiser of Austria, Franz Joseph)he exclaimed and so for the next few hours I was enjoyed the fun.
Anyway enuf of that.
I had it on an antenna and did some on air testing. I have a spot down the road that if I can hear a lowpower rig I know from experience that it will get out enough for a qso. The BE rig was the one I discovered this on. It sounds very good to me. A very clean note. It is bothered by hand capacity but that is because mostly the old capacitor is fiber framed not metal however once tuned that is a non issue. Power is not big. it appears near as I can tell to be just under a watt. But that can be enouf in good conditions. It is an 80 meter rig and tunes 80 easily. In and around 3600kc to 3700kc seems to be its favourite spot. I had it on 3693 for most of yesterday and it seems to be a good spot. Free of traffic. Whether it has enough power to reach anyone on the list I don't know. However that is my biggest concern as otherwise it seems pretty good. Tube acts like a 00A to me. However I found German sites where it was used as detector or low level amp in receivers which is its original use however for output stage it was not used. Anyway it works and for now that is enough. However I am going to Europe in a month and will see of I can find any output tubes when I am there. I am going to NL but Radio and ham radio in particular is very big there with many museums etc. However I will not be paying hundreds of Euros for one. Das ist verboten!
donVe3LYX

13355. RE: [AWA Group] Meissner teaser [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-27 12:42:46 UTC
From: dulmagedon@...
Topic: 13348 Message: 13355

Thanks Mike. That will help.
Lou, as near as I can tell it is just under 1 watt out. It is 80M and is tuned up right now on 3600kcs +or-
It loads well into the antenna. The standing wooden rod has the antenna connection at the top which is just clipped on. (I use remeber a long wire with this stuff and no grd. The rod gets it up and away from the RF dept which helps eliminate some normal troubles. The low power does concern me but the tube is pretty light. Reminds me of our 00A. Certainly less potential then a 201A for sure. I retested this morning and can hear it plainly a mile away. I have found that if I can hear a low power rig at this spot down the road I have always also been able to have a QSO with it. It is sort of my final test before trying and it was good there. Anyway I am in the middle of a busy day so far but am going to try for a few minutes now on 3600 since the band is open at the moment. If that doesn't work out ok as I know it is early and this is a very short warning but nothing to lose. It has its own sound so should be easy to follow.
donVe3LYX

13356. Maple Syrup Net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-27 19:52:51 UTC
From: Louis Vermond
Topic: 13356 Message: 13356
Attachments: 1 described; binary payloads are missing from this source WARC

Wednesday - 3843 Kc. - 8PM - All Modes

N3IBX Presiding

In Honour of Net Control's forthcoming Birthday...

FREE BEER!

Steady Mike, she's old enough to be your Granddaughter

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13357. RE: [AWA Group] Maple Syrup Net [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-27 20:01:57 UTC
From: Mike Feher
Topic: 13356 Message: 13357
Attachments: 1 described; binary payloads are missing from this source WARC

So, I am a dirty old man, HI. Besides, I think Milana is cuter. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, April 27, 2016 3:53 PM
To: Andy K0SM/2; David Woodhouse; Dusty Robson VE3BHK; geo; Harry MacLean; Joe Cro N3IBX; KK7UV/AWA; Larry NE1S; Louis Vermond; Mike FEHER N4FS; Robin Ludlow; VE7SL/AWA; Eric NO3M
Cc: AWAGroup
Subject: [AWA Group] Maple Syrup Net [1 Attachment]

Wednesday - 3843 Kc. - 8PM - All Modes

N3IBX Presiding

In Honour of Net Control's forthcoming Birthday...

FREE BEER!

Steady Mike, she's old enough to be your Granddaughter

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13358. RE: Maple Syrup Net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-27 20:14:20 UTC
From: Mike Feher
Topic: 13356 Message: 13358
Attachments: 1 described; binary payloads are missing from this source WARC

So, I am a dirty old man, HI. Besides, I think Milana is cuter. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: Louis Vermond [mailto:ldvermond@...]
Sent: Wednesday, April 27, 2016 3:53 PM
To: Andy K0SM/2; David Woodhouse; Dusty Robson VE3BHK; geo; Harry MacLean; Joe Cro N3IBX; KK7UV/AWA; Larry NE1S; Louis Vermond; Mike FEHER N4FS; Robin Ludlow; VE7SL/AWA; Eric NO3M
Cc: AWAGroup
Subject: Maple Syrup Net

Wednesday - 3843 Kc. - 8PM - All Modes

N3IBX Presiding

In Honour of Net Control's forthcoming Birthday...

FREE BEER!

Steady Mike, she's old enough to be your Granddaughter

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13359. Re: RE: Maple Syrup Net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-27 21:10:15 UTC
From: N3IBX
Topic: 13356 Message: 13359

And what's so wrong with being a dirty old man anyway??????
n3ibx?
?
?
On 04/27/16, Mike Feher wrote:
?
So, I am a dirty old man, HI. Besides, I think Milana is cuter. 73 – Mike
?
Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960
?
From: Louis Vermond [mailto:ldvermond@...]
Sent: Wednesday, April 27, 2016 3:53 PM
To: Andy K0SM/2; David Woodhouse; Dusty Robson VE3BHK; geo; Harry MacLean; Joe Cro N3IBX; KK7UV/AWA; Larry NE1S; Louis Vermond; Mike FEHER N4FS; Robin Ludlow; VE7SL/AWA; Eric NO3M
Cc: AWAGroup
Subject: Maple Syrup Net
?
Wednesday - 3843 Kc. -?8PM - All Modes
?
N3IBX Presiding
?
In Honour of Net Control's forthcoming?Birthday...
?
FREE BEER!
Steady?Mike, she's old enough to be your Granddaughter
?
?
?
(https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient)
Virus-free. www.avast.com (https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient)
?

13360. Re: RE: Maple Syrup Net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-28 01:26:23 UTC
From: dulmagedon@...
Topic: 13356 Message: 13360

Rushed home threw the switch. Couldn't find anybody.
BTW The photo is from probably after 5 PM on friday at the hofbrauhaus in Munchen. Only litre beers are served. Nothing smaller from 5 PM on. A tea totaler myself I ordered a sparkling water (Wasser mit gaz) Boy did I get a sour look. Heidi was not impressed!
donVe3LYX

13361. More tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-28 18:01:08 UTC
From: dulmagedon@...
Topic: 13361 Message: 13361

Got 4 more tubes coming. 2 are RE134 tubes so we shall see how they work. Out of Finland (I can still taste the reindeer sandwhich Fin-Air served for supper pugh puagh puagh!) Was there on a stopover to Vienna coming and going. Saved believe it or not $750 each by taking that airline and route. Was well worth it and an interesting experience. Finland looks much like Northern Ontario to me. Would go again. The diet though would take me some time to get used to. Anyway a toast to more power!
donVE3LYX

13362. Info needed - Gross CW-25 coil data

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-28 13:29:12 UTC
From: Roger Kuchera
Topic: 13362 Message: 13362

Gentlemen, I recently became the owner of a Gross CW-25 transmitter and I am in serious need of information on it. Absent fromthe unit is any coil data. The current plan is to make up coils for 80 and 40 meters and possibly 20.

If there is anyone that has any direct data on CW-25 coils or can point me to where I might find it, I would trulyappreciate the input. Even close-up digital pix of any coils would be a help.

Thank you.

Roger/K1TG

13363. Re: [AWA Group] Info needed - Gross CW-25 coil data

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-28 22:58:34 UTC
From: Bill Stewart
Topic: 13362 Message: 13363
Attachments: 2 described; binary payloads are missing from this source WARC

Roger,
Congrats on getting the CW-25. Sure hope you can round up some coils. I vaguely remember that the attached pix are of some Gross coils that I sent to Scott, WA9WFA. Not positive they were Gross, but at the time thought they were. (Just looked at Coil 1 pix and see a faint 'GROSS' on a sticker). So take the pix with a grain of salt. You might be able to get some info from Scott.
GL...73 de Bill K4JYS

----- Original Message -----

From: "Roger Kuchera rwkuchera@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "yahoogroups" <awagroup@yahoogroups.com>
Sent: Thursday, April 28, 2016 9:29:12 AM
Subject: [AWA Group] Info needed - Gross CW-25 coil data

Gentlemen,
I recently became the owner of a Gross CW-25 transmitter and I am in serious need of information on it. Absent from
the unit is any coil data. The current plan is to make up coils for 80 and 40 meters and possibly 20.

If there is anyone that has any direct data on CW-25 coils or can point me to where I might find it, I would truly
appreciate the input. Even close-up digital pix of any coils would be a help.

Thank you.

Roger/K1TG

13364. Re: [AWA Group] More tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-29 00:38:42 UTC
From: Louis Vermond
Topic: 13361 Message: 13364
Attachments: 1 described; binary payloads are missing from this source WARC

Don, you lucky dog.

Why from Finland?

Country:Germany Brand: Telefunken Deutschland (TFK), (Gesellschaft für drahtlose Telegraphie Telefunken mbH
Tube type: Triode, vacuum Power/Output

Identical to RE134 = B409 = L413 = TB09 = DX804 = D9 = E422 = L414 = RO4309= KL71401 = LL413
Similar Tubes Normally replaceable-slightly different:
415L ; B85 ; BF804 ; DT6 ; E4 ; L316 ; LU4A ; RE134_(Ce)
Other class quality (otherwise equal):
RE134W
Heater different:
PM4 ; RE134S
Other base:
RE134t
First year 1927 Tube leaflet collection E.Erb Analysis by original leaflets
First Source (s) Sep.1927 : Funk Bastler 1927 Heft 39

Base Europe 4-Pin (A, 4A, B4, since 1914) (Codex=Eo)
Filament Vf 4 Volts / If 0.15 Ampere / Direct / Parallel, (AC/DC) /
Description Identical with following valves: Philips B409 / Valvo L413 and: Cossor 410P, Dario TB09, Geco ?, Mazda DX804, Mullard PM4, Radiofoto D9, Triotron E422, Tungsram L414, Vatea UX406, Visseaux RO4309, Klangfilm 71401. See: «Radios von gestern» page 242.

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13365. Re: [AWA Group] More tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-29 03:14:32 UTC
From: dulmagedon@...
Topic: 13361 Message: 13365

The brand I did not recognize but they are RE134 and another similar number. Even if they are not wirklich Deutschalnd gebauen they are the type. My 211s were built by Mrs Wong but thats awight. I have the A408 Valvo which is as good as it gets. However because it is a cold running tube I believe its ability to make power is limited although it does make a very good oscillator for the very same reason. Why Finland? I searched the Re134 number and found two sets. One showed sockets in the picture as well. Cost was $50.50 each which is a mere pitance for these type of tubes , perhaps because of the brand. My monthly fun budget is $100. So I am done for two months however I decided not to pass up the oppourtunity. This fellow (hansu)has many ancient tubes including your beloved Marconi Osram models. I know from being there that few Finlanders do not speak English. In fact when there I never met a single one who didn't although that could just be luck. So I figured if I had problems I could at least communicate. So when I saw Finland I had no qualms dealing with them. Also Europe has a international shipping deal which Finland also offered which is unbelievably inexpensive. Typically under $15 US funds to my door.
BTW thanks for the spec sheet.
donVe3LYX

13366. Gross CW-25 coil

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-29 00:47:14 UTC
From: Louis Vermond
Topic: 13366 Message: 13366
Attachments: 1 described; binary payloads are missing from this source WARC

A sealing wax tamper proof of all things. Something new each day...

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13367. Re: [AWA Group] More tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-29 11:16:09 UTC
From: Louis Vermond
Topic: 13361 Message: 13367

My 211s were built by Mrs Wong but thats awight. ... Too early in the morning for this, OM.

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13368. Re: [AWA Group] Gross CW-25 coil

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-29 11:43:52 UTC
From: Louis Vermond
Topic: 13366 Message: 13368
Attachments: 1 described; binary payloads are missing from this source WARC

GM,

In the light of a new day, it's a label. Lou

□

A sealing wax tamper proof of all things. Something new each day...

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13369. Re: [AWA Group] Meissner teaser

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-29 12:06:14 UTC
From: Louis Vermond
Topic: 13347 Message: 13369

Don,

Missed this yesterday. QRM is ruff, but will SKED for a report. When available? Lou

----- Original Message -----
From: dulmagedon@yahoo.ca [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-04-27 8:42 AM
Subject: RE: [AWA Group] Meissner teaser

Thanks Mike. That will help.
Lou, as near as I can tell it is just under 1 watt out. It is 80M and is tuned up right now on 3600kcs +or-
It loads well into the antenna. The standing wooden rod has the antenna connection at the top which is just clipped on. (I use remeber a long wire with this stuff and no grd. The rod gets it up and away from the RF dept which helps eliminate some normal troubles. The low power does concern me but the tube is pretty light. Reminds me of our 00A. Certainly less potential then a 201A for sure. I retested this morning and can hear it plainly a mile away. I have found that if I can hear a low power rig at this spot down the road I have always also been able to have a QSO with it. It is sort of my final test before trying and it was good there. Anyway I am in the middle of a busy day so far but am going to try for a few minutes now on 3600 since the band is open at the moment. If that doesn't work out ok as I know it is early and this is a very short warning but nothing to lose. It has its own sound so should be easy to follow.
donVe3LYX

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13370. RE: [AWA Group] Meissner teaser

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-29 14:14:02 UTC
From: Mike Feher
Topic: 13348 Message: 13370

Don –

I need to make some place where I can take pictures. This place is too cluttered, HI. As soon as I do I will send some pictures of the Nemet akkumolatorok to you. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, April 27, 2016 8:43 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Meissner teaser

Thanks Mike. That will help.
Lou, as near as I can tell it is just under 1 watt out. It is 80M and is tuned up right now on 3600kcs +or-
It loads well into the antenna. The standing wooden rod has the antenna connection at the top which is just clipped on. (I use remeber a long wire with this stuff and no grd. The rod gets it up and away from the RF dept which helps eliminate some normal troubles. The low power does concern me but the tube is pretty light. Reminds me of our 00A. Certainly less potential then a 201A for sure. I retested this morning and can hear it plainly a mile away. I have found that if I can hear a low power rig at this spot down the road I have always also been able to have a QSO with it. It is sort of my final test before trying and it was good there. Anyway I am in the middle of a busy day so far but am going to try for a few minutes now on 3600 since the band is open at the moment. If that doesn't work out ok as I know it is early and this is a very short warning but nothing to lose. It has its own sound so should be easy to follow.
donVe3LYX

13371. RE: [AWA Group] Meissner teaser

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-29 22:30:00 UTC
From: dulmagedon@...
Topic: 13348 Message: 13371
Attachments: 1 described; binary payloads are missing from this source WARC

That is fine Mike, I almost understood that too! Not an easy language to learn i think. But don't quit. I am paying attention.
Today while taking the XYL touring Antique Shops I came across a Link Radio Corp Test meter Unit Type 2552. At first I ignored it but went back for a second look. The manual was there and the booth owner said he had check and the meter responds on test with a battery. The manual had a correction notice printed the day after I was born! I was toast. A little wheeling and dealing and it came home. It has a very good field intensity meter complete with antenna so I fired up the BE and tried it. Works perfectly. The patch cable to Link specific equipment is missing and the speaker and test jacks but all else seems to be there . It is on a wooden case
and the two test leads are also there.
Also we were talking about GDOs awhile back. I got the Booton going again. Appears to be a faulty condensor.
However I built the FET one in the Aug 98 Old Timers Bulletin but changed the design to suit me. I used a bit different indicator circuit but basically a LED in series. It appeared to work but I had a bad poly cap tuning so ordered one and a lifetime supply from Argentina. It arrived last week and I installed it. It works pretty good tuning 80M and 40m which is all I need for now. How does the LED indicator work? Glad you asked. Pretty darn good to be honest. When resonance is found it goes out and pops right back on when you tune by. I am mounting it in a wooden tea box so it doesn't look too modern but it works pretty good I think. It has only one coil which tunes both bands.
donVe3LYX
BTW does anyone have a Hartley or TNT on 20M? I have been thinking abut that quite awhile and wondered if and if so how does it do?

13372. Meissner teaser & 20 Mtrs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-29 22:39:49 UTC
From: Louis Vermond
Topic: 13372 Message: 13372

BTW does anyone have a Hartley or TNT on 20M? I have been thinking abut that quite awhile and wondered if and if so how does it do? As here. Anyone? Lou

Don, hw abt that 1W SKED? Out tonight tho...

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13373. Re: Meissner teaser & 20 Mtrs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-30 02:09:38 UTC
From: dulmagedon@...
Topic: 13372 Message: 13373

I was just playing with it a half hour ago. Tuned up on 3560 +or-.
Yes I will be out tomorrow morning (Stirling Flea Market) and I might as well tell you, my 92 year old Dad is not good and could change QTH s permanently in the next 48 hours so I am working around that uncertainty. Some of you have been there and know. He could bounce back and live another 6 or 7 years like his brother but I don't know. His "oil pump" is trying to slow down. So we will assume he does get by this.
We will need good conditions to be sure. Tonight it was noisy. Although I really thought I heard a reply but perhaps it was just someone calling another VE3. The phone rang (my younger brother telling me about Dad) and I lost the moment. So we will watch for good conditions in low noise and I will give you a heads up. If it is ok for you we will go for it. Would be a thrill to pull it off. Not a lot of power.
donVe3LYX

13374. RE: [AWA Group] Re: Meissner teaser & 20 Mtrs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-30 02:17:10 UTC
From: Mike Feher
Topic: 13372 Message: 13374

Sorry to hear of your dad’s condition. Mine died at 59. I will keep your dad in my prayers. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, April 29, 2016 10:10 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: Meissner teaser & 20 Mtrs

I was just playing with it a half hour ago. Tuned up on 3560 +or-.
Yes I will be out tomorrow morning (Stirling Flea Market) and I might as well tell you, my 92 year old Dad is not good and could change QTH s permanently in the next 48 hours so I am working around that uncertainty. Some of you have been there and know. He could bounce back and live another 6 or 7 years like his brother but I don't know. His "oil pump" is trying to slow down. So we will assume he does get by this.
We will need good conditions to be sure. Tonight it was noisy. Although I really thought I heard a reply but perhaps it was just someone calling another VE3. The phone rang (my younger brother telling me about Dad) and I lost the moment. So we will watch for good conditions in low noise and I will give you a heads up. If it is ok for you we will go for it. Would be a thrill to pull it off. Not a lot of power.
donVe3LYX

13375. RE: [AWA Group] Re: Meissner teaser & 20 Mtrs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-30 11:08:10 UTC
From: dulmagedon@...
Topic: 13372 Message: 13375

Thank you Mike, Well he died this morning at 6AM. Too bad but its OK to. 92 is more then most ever get and he could still walk and could still talk radio even. He was tired of being here and doing nothing I think. My radio interest and probably the way i approach it and other things even in my craft with racing are due to his influence. His greatest achievement in his eyes was the design of the AVRO Arrow radios for Collins Radio (Canada Division). If I had a pic of that plane I would post it in his honour. His legacy to me was his saying "One thing we know for sure Don is if you don't try it it WON't work. "
He always encouraged me to try everything I thought of. And as you know I do. He graduated high school at 13 and won the Ontario Math Award. End of an era for sure.
Anyway I am Ok. He had had enough. I look like him except I was supersized ;<) so i better behave. It was his influence that got me into Ham Radio.
donVe3LYX

13376. RE: [AWA Group] Re: Meissner teaser & 20 Mtrs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-30 11:15:29 UTC
From: Mike Feher
Topic: 13372 Message: 13376

My condolences Don. Sounds like he live a good full life. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, April 30, 2016 7:08 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Re: Meissner teaser & 20 Mtrs

Thank you Mike, Well he died this morning at 6AM. Too bad but its OK to. 92 is more then most ever get and he could still walk and could still talk radio even. He was tired of being here and doing nothing I think. My radio interest and probably the way i approach it and other things even in my craft with racing are due to his influence. His greatest achievement in his eyes was the design of the AVRO Arrow radios for Collins Radio (Canada Division). If I had a pic of that plane I would post it in his honour. His legacy to me was his saying "One thing we know for sure Don is if you don't try it it WON't work. "
He always encouraged me to try everything I thought of. And as you know I do. He graduated high school at 13 and won the Ontario Math Award. End of an era for sure.
Anyway I am Ok. He had had enough. I look like him except I was supersized ;<) so i better behave. It was his influence that got me into Ham Radio.
donVe3LYX

13377. Condolences de AWAGroup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-30 13:24:57 UTC
From: Louis Vermond
Topic: 13377 Message: 13377
Attachments: 1 described; binary payloads are missing from this source WARC

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13378. Tubes needed -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-30 14:07:03 UTC
From: Mike Feher
Topic: 13378 Message: 13378
Attachments: 2 described; binary payloads are missing from this source WARC

I desperately am looking for 4 British AR3 tubes for my W/T Set C Mk II receiver. They could be duds, just to fill the holes. I am attaching a photo (from the manual) of the set and a photo of the tube from the web. The tubes are really scarce due to the weird base. They were not made for long. Rod Burman has 2 good ones, he thinks, and wants about 100 pounds each. Two alone will not help. I asked him to see if he can find some duds as well, but have not yet heard back from him. I have had this set for about 5 years and still have not displayed it. Now, that I am retired and trying slowly to get things in order I am more motivated to complete some of these outstanding projects. Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

13379. Re: [AWA Group] Tubes needed - [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-30 14:23:30 UTC
From: Louis Vermond
Topic: 13379 Message: 13379

http://www.r-type.org/

WOW! Where did you find it?

How about the Nat.l Valve Museum members? http://www.r-type.org/

Lou

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-04-30 10:07 AM
Subject: [AWA Group] Tubes needed - [2 Attachments]

I desperately am looking for 4 British AR3 tubes for my W/T Set C Mk II receiver. They could be duds, just to fill the holes. I am attaching a photo (from the manual) of the set and a photo of the tube from the web. The tubes are really scarce due to the weird base. They were not made for long. Rod Burman has 2 good ones, he thinks, and wants about 100 pounds each. Two alone will not help. I asked him to see if he can find some duds as well, but have not yet heard back from him. I have had this set for about 5 years and still have not displayed it. Now, that I am retired and trying slowly to get things in order I am more motivated to complete some of these outstanding projects. Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

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https://www.avast.com/antivirus

13380. RE: [AWA Group] Tubes needed -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-30 14:51:51 UTC
From: Mike Feher
Topic: 13379 Message: 13380

I bought it on eBay from Nico in the Netherlands. The tube picture I posted did come from the NVM web site. I have hundreds of sets neater than this, but, now this is in the way. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, April 30, 2016 10:24 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Tubes needed -

http://www.r-type.org/

WOW! Where did you find it?

How about the Nat.l Valve Museum members? http://www.r-type.org/

Lou

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup]
<mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2016-04-30 10:07 AM

Subject: [AWA Group] Tubes needed - [2 Attachments]

I desperately am looking for 4 British AR3 tubes for my W/T Set C Mk II receiver. They could be duds, just to fill the holes. I am attaching a photo (from the manual) of the set and a photo of the tube from the web. The tubes are really scarce due to the weird base. They were not made for long. Rod Burman has 2 good ones, he thinks, and wants about 100 pounds each. Two alone will not help. I asked him to see if he can find some duds as well, but have not yet heard back from him. I have had this set for about 5 years and still have not displayed it. Now, that I am retired and trying slowly to get things in order I am more motivated to complete some of these outstanding projects. Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

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gn=sig-email&utm_content=emailclient>

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gn=sig-email&utm_content=emailclient> www.avast.com

13381. Don, VE3LYX and Lou, VE3AWA; just a few comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-30 16:42:40 UTC
From: N3IBX
Topic: 13381 Message: 13381

?VE3LYX:
Don, I have your father in my prayers and hope he has a speedy recovery. Even at 92 years old you still don't want to loose him. Hopefully he will get better soon.

Regarding a Hartley, TNT, or any self excited oscillator on 20M. Yes it can be done, but I'd be concerned about the Q of the antenna coil. I'd want it to be as robust and as efficient as possible. Your power output would be less than it would be on 80M ?or 40M.?

Lou, VE3AWA,
Regarding 211's made by Mr. and Mrs. Wong, I have experience using them as audio tubes in a BC-375 and they worked as good as those made by Mr. and Mrs. Jones. I believe the ones I used were the "Shuguang" brand, the one with the bird symbol on the glass envelope.?
Regarding how they would perform as self excited oscillators, I guess they would work as well as anything else. Give it a try and let us know if you can.?

Mod-U-Later,
? ? ? ? ? ? ? ? ? ? Joe Cro N3IBX

13382. Re: [AWA Group] Re: Meissner teaser & 20 Mtrs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-30 17:10:03 UTC
From: Leonard Meek
Topic: 13372 Message: 13382

My condolences, Don. Your Dad was lucky to be able to pass on some of his knowledge to you. My Dad died at 64, just when I was beginning to understand his wisdom.

Leonard

----- Original Message -----
From: dulmagedon@yahoo.ca [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Saturday, April 30, 2016 1:08 AM
Subject: RE: [AWA Group] Re: Meissner teaser & 20 Mtrs

Thank you Mike, Well he died this morning at 6AM. Too bad but its OK to. 92 is more then most ever get and he could still walk and could still talk radio even. He was tired of being here and doing nothing I think. My radio interest and probably the way i approach it and other things even in my craft with racing are due to his influence. His greatest achievement in his eyes was the design of the AVRO Arrow radios for Collins Radio (Canada Division). If I had a pic of that plane I would post it in his honour. His legacy to me was his saying "One thing we know for sure Don is if you don't try it it WON't work. "
He always encouraged me to try everything I thought of. And as you know I do. He graduated high school at 13 and won the Ontario Math Award. End of an era for sure.
Anyway I am Ok. He had had enough. I look like him except I was supersized ;<) so i better behave. It was his influence that got me into Ham Radio.
donVe3LYX

13383. Re: [AWA Group] Re: Meissner teaser & 20 Mtrs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-04-30 20:19:22 UTC
From: dulmagedon@...
Topic: 13372 Message: 13383
Attachments: 1 described; binary payloads are missing from this source WARC

Well I went on to the Stirling Flea Market anyway as staying home wouldn't bring Dad back. So I was alone with my thoughts in a crowd. Was probably good. for me. Just got home. Did some dealing and came up with a box of earphones and operator headsets plus two of these. Probably paid too much but I haggled best I could and would only haggle for the whole box. Probably 5 complete sets of just earphones. Two are Trimm. Others are names I dont recognize. Just untangled all the wires and put each set in a freezer bag. One set of earphones has no wires and no diaphrams or caps. Over the next while I will test and see what I have. BTW I have two British tubes from the 40s. I will see what they are. Seems to me I bought them for a No 9 Canadian Wireless receiver.
I bought extras but then sold the set to a friend with a WW2 covered troop truck.
donVe3LYX

13384. Re: Don, VE3LYX and Lou, VE3AWA; just a few comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-01 11:10:40 UTC
From: dulmagedon@...
Topic: 13381 Message: 13384
Attachments: 2 described; binary payloads are missing from this source WARC

Thank you Joe for you comments. Dad had a good life and a long one. We are grateful for that.
BTW I have two 211 Shugang Self exciteds. A TNT and a Hartley. I run them about 1/2 throttle . I like them because they almost always get an answer. I have modulated the TNT one with a stand alone cathode modulator once. It seemed to work decent but never tried an AM QSO. I usually use one of them at least once a week.
Also yesterday I bought a model T Ford coil with hopes of building a small spark transmitter with a proper tuned circuit. This is not for on air of course but just educational for me so i may have to sneek into the old lab and borrow the farady room to test it.
The twenty meter deal thought for me was if it can be done well it would give the very real possibility of a pond hop even on low power and that would be fun. There are as some of you know a huge number of hams in NL very interested in any radio adventures. I also have a friend in Wales who is a retired ships sparks who has done a pond hop with me and the No 19 WS. He is relentless in scheduling so is usually eventually successful.
Never quits trying and won't let you either.
Here are my 211 rigs Joe. One is called Louis II because Lou inspired it.
DonVe3LYX

13385. Audio XFR

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-01 13:52:58 UTC
From: Louis Vermond
Topic: 13385 Message: 13385
Attachments: 2 described; binary payloads are missing from this source WARC

Good morning,

Is this a audio interstate transformer? Based on resistance, it has a ratio of 4.5 : 1.

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13386. RE: [AWA Group] Audio XFR [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-01 13:57:13 UTC
From: Mike Feher
Topic: 13385 Message: 13386
Attachments: 2 described; binary payloads are missing from this source WARC

Ferranti di make a lot of Audio transformers. I would sya the P and the S markings would confirm that it is an interstage transformer. I do not think they had "interstates" back then, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, May 01, 2016 9:53 AM
To: AWAGroup
Subject: [AWA Group] Audio XFR [2 Attachments]

Good morning,

Is this a audio interstate transformer? Based on resistance, it has a ratio of 4.5 : 1.

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13387. Re: [AWA Group] Audio XFR

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-01 14:04:33 UTC
From: Louis Vermond
Topic: 13385 Message: 13387

Tks Mike...

"interstates" English spelling...

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13388. Re: [AWA Group] Audio XFR

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-01 14:18:21 UTC
From: Roger Kuchera
Topic: 13385 Message: 13388

Lou, Think of all the noise pick-up and hum with such long "interstate" leads. I'd think about linkcoupling.
Roger/K1TG

On Sunday, May 1, 2016 10:02 AM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv3863380045 #yiv3863380045 .yiv3863380045ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv3863380045 div.yiv3863380045ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv3863380045 div.yiv3863380045photo-title a, #yiv3863380045 div.yiv3863380045photo-title a:active, #yiv3863380045 div.yiv3863380045photo-title a:hover, #yiv3863380045 div.yiv3863380045photo-title a:visited {text-decoration:none;}#yiv3863380045 div.yiv3863380045attach-table div.yiv3863380045attach-row {clear:both;}#yiv3863380045 div.yiv3863380045attach-table div.yiv3863380045attach-row div {float:left;}#yiv3863380045 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv3863380045 div.yiv3863380045ygrp-file {width:30px;}#yiv3863380045 div.yiv3863380045attach-table div.yiv3863380045attach-row div div a {text-decoration:none;}#yiv3863380045 div.yiv3863380045attach-table div.yiv3863380045attach-row div div span {font-weight:normal;}#yiv3863380045 div.yiv3863380045ygrp-file-title {font-weight:bold;}#yiv3863380045 -->

Tks Mike... “interstates” English spelling...

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13389. This Mornings Smile

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-01 14:27:00 UTC
From: Louis Vermond
Topic: 13389 Message: 13389

https://www.youtube.com/watch?v=9qJaKeV7CXo

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https://www.avast.com/antivirus

13390. Re: [AWA Group] Re: Don, VE3LYX and Lou, VE3AWA; just a few comments [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-01 14:29:49 UTC
From: Louis Vermond
Topic: 13390 Message: 13390

I bought a model T Ford coil with hopes of building a small spark transmitter with a proper tuned circuit. This is not for on air of course ... Sure. Yup. You bet. SKED OM?

This email has been checked for viruses by Avast antivirus software.
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13391. Re: [AWA Group] Re: Don, VE3LYX and Lou, VE3AWA; just a few comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-01 14:37:05 UTC
From: Roger Kuchera
Topic: 13390 Message: 13391

Remember to stay around 200 Meters. Is it going to be damped or undamped wave?
Roger/K1TG

On Sunday, May 1, 2016 10:29 AM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv6457293523 #yiv6457293523 .yiv6457293523ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv6457293523 div.yiv6457293523ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv6457293523 div.yiv6457293523photo-title a, #yiv6457293523 div.yiv6457293523photo-title a:active, #yiv6457293523 div.yiv6457293523photo-title a:hover, #yiv6457293523 div.yiv6457293523photo-title a:visited {text-decoration:none;}#yiv6457293523 div.yiv6457293523attach-table div.yiv6457293523attach-row {clear:both;}#yiv6457293523 div.yiv6457293523attach-table div.yiv6457293523attach-row div {float:left;}#yiv6457293523 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv6457293523 div.yiv6457293523ygrp-file {width:30px;}#yiv6457293523 div.yiv6457293523attach-table div.yiv6457293523attach-row div div a {text-decoration:none;}#yiv6457293523 div.yiv6457293523attach-table div.yiv6457293523attach-row div div span {font-weight:normal;}#yiv6457293523 div.yiv6457293523ygrp-file-title {font-weight:bold;}#yiv6457293523 --> ☐

I bought a model T Ford coil with hopes of building a small spark transmitter with a proper tuned circuit. This is not for on air of course ... Sure. Yup. You bet. SKED OM?

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13392. Re: [AWA Group] Re: Don, VE3LYX and Lou, VE3AWA; just a few comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-01 14:42:17 UTC
From: Roger Kuchera
Topic: 13390 Message: 13392

The OT should be a 4:1 ratio so I am told.
R.

On Sunday, May 1, 2016 10:37 AM, "Roger Kuchera rwkuchera@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv7226895108 #yiv7226895108 -- #yiv7226895108 .yiv7226895108ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv7226895108 div.yiv7226895108ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv7226895108 div.yiv7226895108photo-title a, #yiv7226895108 div.yiv7226895108photo-title a:active, #yiv7226895108 div.yiv7226895108photo-title a:hover, #yiv7226895108 div.yiv7226895108photo-title a:visited {text-decoration:none;}#yiv7226895108 div.yiv7226895108attach-table div.yiv7226895108attach-row {clear:both;}#yiv7226895108 div.yiv7226895108attach-table div.yiv7226895108attach-row div {float:left;}#yiv7226895108 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv7226895108 div.yiv7226895108ygrp-file {width:30px;}#yiv7226895108 div.yiv7226895108attach-table div.yiv7226895108attach-row div div a {text-decoration:none;}#yiv7226895108 div.yiv7226895108attach-table div.yiv7226895108attach-row div div span {font-weight:normal;}#yiv7226895108 div.yiv7226895108ygrp-file-title {font-weight:bold;}#yiv7226895108 #yiv7226895108

Remember to stay around 200 Meters. Is it going to be damped or undamped wave?
Roger/K1TG

On Sunday, May 1, 2016 10:29 AM, "'Louis Vermond' ldvermond@sympatico.ca [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv7226895108 #yiv7226895108 -- .yiv7226895108ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv7226895108 div.yiv7226895108ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv7226895108 div.yiv7226895108photo-title a, #yiv7226895108 div.yiv7226895108photo-title a:active, #yiv7226895108 div.yiv7226895108photo-title a:hover, #yiv7226895108 div.yiv7226895108photo-title a:visited {text-decoration:none;}#yiv7226895108 div.yiv7226895108attach-table div.yiv7226895108attach-row {clear:both;}#yiv7226895108 div.yiv7226895108attach-table div.yiv7226895108attach-row div {float:left;}#yiv7226895108 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv7226895108 div.yiv7226895108ygrp-file {width:30px;}#yiv7226895108 div.yiv7226895108attach-table div.yiv7226895108attach-row div div a {text-decoration:none;}#yiv7226895108 div.yiv7226895108attach-table div.yiv7226895108attach-row div div span {font-weight:normal;}#yiv7226895108 div.yiv7226895108ygrp-file-title {font-weight:bold;}#yiv7226895108 ☐

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13393. Re: [AWA Group] Re: Don, VE3LYX and Lou, VE3AWA; just a few comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-01 15:55:15 UTC
From: Louis Vermond
Topic: 13381 Message: 13393

damped for sure

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13394. Re: [AWA Group] Re: Don, VE3LYX and Lou, VE3AWA; just a few comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-01 16:02:02 UTC
From: Louis Vermond
Topic: 13381 Message: 13394

4.5 close enuf I guess, Roger.

The OT should be a 4:1 ratio so I am told.

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13395. How owns this?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-01 21:20:16 UTC
From: Louis Vermond
Topic: 13395 Message: 13395
Attachments: 1 described; binary payloads are missing from this source WARC

Do not want the rig, want photos...

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https://www.avast.com/antivirus

13396. Horn Mic, Model T coil etc

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-01 21:25:36 UTC
From: dulmagedon@...
Topic: 13396 Message: 13396

The horn mic works pretty well on the 45 hartely with the built in 01A cathode modulator. (3837kc)

Later checked through earphone pairs. Both Trimm phones work but a pair of Frost Fones don't however cord looks suspicious.so it may be minor.

model T coil worked after some minor flogging. Pumped it through the HD antenna tuner into a dummy load which it lights. Gotta figure out how to do this properly.

donVE3LYX

13397. Inside Collins

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-02 15:50:00 UTC
From: dulmagedon@...
Topic: 13397 Message: 13397
Attachments: 1 described; binary payloads are missing from this source WARC

My younger brother was going through some of Dad's pictures cleaning out his stuff and came across this photo from the 1960s. It was taken inside Collins Radio of Canada, Burmondsey Rd plant where Dad was an Aircraft Radio Design Engineer in the late 1950s and early 1960s. The significance of the photo is it shows the Unholtz Dickie vibration machine or table against the left hand wall (Big round thing) Dad bought it when he was designing the radios for the AVRO ARROW because that fighter bomber plane was capable of over Mach2 despite its 1950s vintage. The machine has if memory serves me four 4-1000 tubes to power the shake. It was the only job it was ever used on and in the 1970s my brother and I went there and bought much of this equipment for the Lab Dad started with my Corporation. Certelecom Labs was the new name. (Now part of Nemko in Norway)
We also bought two environmental chambers although I don't know the one on the right was one of them or not. Dad said most of what we bought was used only on the Arrow project or when he designed the gas can radio for the Voodoo jets so was essentially like new. We had been there as kids many times when Dad had to work a Saturday morning or go in to shut down an overnite cycling test and record the results. Many of the engineers and techs knew us as little kids and when we went to pick up this stuff after my older brother (a skilled wheeler dealer) bought it about a dozen of the old guys who had worked with Dad came to the loading ramp to see how "Harry's boys" had turned out. We were quite surprised they remembered us and our names. I know Lou has been in the plant, at least in the library and perhaps others. We took the machine to our lab on Limebank road in Ottawa (Back side of Ottawa airport. It may still be there. My brother Dave still works there.

Dad liked working for Arthur Collins. He said Arthur told him at the beginning of the ARROW radio project, "Harry, make sure that is the best radio they have ever seen. Skimp on nothing!" donVe3LYX

13398. Re: [AWA Group] Horn Mic, Model T coil etc

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-02 20:54:24 UTC
From: Larry Szendrei
Topic: 13396 Message: 13398

On 5/1/16 5:25 PM, dulmagedon@... [AWAGroup] wrote:
> model T coil worked after some minor flogging. Pumped it through the
> HD antenna tuner into a dummy load which it lights. Gotta figure out
> how to do this properly.
>
> donVE3LYX
>
>
Hi Don,

There are 2 ways to do it:

(1) Condenser (C) across spark coil secondary. Spark gap and inductor (L) in series with the series combination in parallel with the Condenser (which is also in parallel with spark coli secondary).

(2) Spark gap across spark coil secondary. Condenser (C) and inductor (L) in series with the series combination in parallel with the spark gap (which is also in parallel with spark coli secondary).

C and L determine (very broad) operating frequency, but keep in mind there won't be very much RF energy generated by the spark gap at wavelengths lower than 160M or so.

In either hookup the output can be taken from a link inductively coupled to the inductor (L), or for demonstration purposes, simply clip a "dummy load" light bulb across a couple of turns of L.

Wind a large secondary coil self-resonant at the same frequency as the LC combination, inductively couple it to L, and you've got yourself a Tesla coil. I made a couple Tesla coils soon after I retired (I always wanted to but had previously never found the time). One is spark-excited per above (but I used a 10KV oil burner xfmr for higher power) and the other is excited by an 833A Hartley oscillator. I wound one secondary coil that is removable. It has an octal plug in the base for the secondary ground connection. I tuned both the spark "job" and Hartley primary circuits to the self-resonant frequency of the secondary (it came out at approx 880 KHz, WCBS's frequency) and can use it with either. With the secondary removed from the spark-excited rig I can light a 25W 120V bulb clipped across 2 turns of the "primary" L for a spark rig demo.

73,
-Larry/NE1S

>
>

13399. Re: Model T Coil

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-02 21:31:11 UTC
From: JAMES HANLON
Topic: 13399 Message: 13399
Attachments: 1 described; binary payloads are missing from this source WARC

Don,

I've been working up a PowerPoint presentation for the Albuquerque, NM Hamfest this August on the advances in Amateur Radio Technology from the beginning until the present day. I have a schematic for a tuned spark transmitter that uses a Ford Coil. I'll try attaching it, but if it doesn't come through drop me a line and I'll send it to you.

Jim, W8KGI

13400. Re: [AWA Group] Horn Mic, Model T coil etc

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-02 21:44:04 UTC
From: Larry Szendrei
Topic: 13396 Message: 13400

For some reason my comments didn't make it through. Here's what I had said in my reply to Don:

There are 2 ways to do it:

(1) Condenser (C) across spark coil secondary. Spark gap and inductor (L) in series with the series combination in parallel with the Condenser (which is also in parallel with spark coli secondary).

(2) Spark gap across spark coil secondary. Condenser (C) and inductor (L) in series with the series combination in parallel with the spark gap (which is also in parallel with spark coli secondary).

C and L determine (very broad) operating frequency, but keep in mind there won't be very much RF energy generated by the spark gap at wavelengths lower than 160M or so.

In either hookup the output can be taken from a link inductively coupled to the inductor (L), or for demonstration purposes, simply clip a "dummy load" light bulb across a couple of turns of L.

Wind a large secondary coil self-resonant at the same frequency as the LC combination, inductively couple it to L, and you've got yourself a Tesla coil. I made a couple Tesla coils soon after I retired (I always wanted to but had previously never found the time). One is spark-excited per above (but I used a 10KV oil burner xfmr for higher power) and the other is excited by an 833A Hartley oscillator. I wound one secondary coil that is removable. It has an octal plug in the base for the secondary ground connection. I tuned both the spark "job" and Hartley primary circuits to the self-resonant frequency of the secondary (it came out at approx 880 KHz, WCBS's frequency) and can use it with either. With the secondary removed from the spark-excited rig I can light a 25W 120V bulb clipped across 2 turns of the "primary" L for a spark rig demo.

73,
-Larry/NE1S

On 5/2/16 4:54 PM, Larry Szendrei ne1s@... [AWAGroup] wrote:
>
> On 5/1/16 5:25 PM, dulmagedon@... [AWAGroup] wrote:
>> model T coil worked after some minor flogging. Pumped it through the
>> HD antenna tuner into a dummy load which it lights. Gotta figure out
>> how to do this properly.
>>
>> donVE3LYX
>>

13401. Re: [AWA Group] How owns this?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-02 23:04:08 UTC
From: aflowers@frontiernet.net
Topic: 13395 Message: 13401
Attachments: 1 described; binary payloads are missing from this source WARC

I finally figured out what those insulators are. By 1930 a lot of people would have been throwing away wiring cleats as they upgraded their houses' electrical infrastructure. A pair of these would have sandwiched the two wires as they ran across your ceiling and screwed into your light fixture. They worked kinda like ladder-line spreaders for house wires in the pre-romex days. I'm sure this was obvious to people familiar with old houses, but it was news to me.
In keeping with the Great Depression, our predecessor was certainly resourceful. It's not a bad option for us if you are into period reconstruction and are tired of scrounging beehive insulators!
Andy K0SM/2

On Sunday, May 1, 2016 5:20 PM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  Do not want the rig, want photos...

| | Virus-free. www.avast.com |

13402. Re: [AWA Group] Horn Mic, Model T coil etc

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-02 23:36:52 UTC
From: Don Dulmage
Topic: 13396 Message: 13402

Thank you both. I got em and took a good look. If you could quad the 880 you would have it made! (3520). 25 w 120bulb is 50 ohms R too. On my low power tuner I have one permanently mounted that I can switch in or out. That is also how I tune the No 19 BTW. remove antenna , switch on dummy 25W and tune for max. touch nothing but just switch off dummy and plug in antenna. (I do not switch antenna but unplug it. That way I am not accidently sending dirt because I forgot to switch which I would. I know me.
But we are talking spark demos. I was able to light a 7.5 watt bulb about 1/2 way feeding it through by hb pi tuner. As bad as the circuit is, as was used, for being broadband interference generator there is still something here. Sort of an electromechanical noise gen. I am intrigued. I will build a proper demo model with a light bulb dummy but may explore the "just for curiosity" side of it. Elimination of the spark gap would be my first instinct. Its only purpose is to put sound on the signal before the days of BFOs or regens which come with one already. Probably foolishness but always interesting. I got the Ford coil for $5 so no big loss if it doesn't work. I saw a fellow building a Fedessen style AC rf generator using a multi pole stepping motor. Since Fedessen went to college in a nearby village west of me (Port Hope Ontario) that intriqued me too. Anyway lots of obstacles and perhaps impossible but interesting too. Larry I liked your comment about building the Tesla coils after you retired and finally had time to do that. I had one of those deals. It was 6 snowmobile carbs on a self made manifold on a slant six which is how and why the dragster still sporting that engine came to be. It worked from the git go and I used it for two years like that. I waited what seemed like a lifetime to build it and try it. It was eventually shown on TV on the GearZ show. However we are talking radios even though tuned length , resonance, speed of traveling wave and standing waves all came into the design of that induction system. I am easily sidetracked I guess.
Thanks again , both of you.
donVE3LYX

On Mon, 5/2/16, Larry Szendrei ne1s@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Horn Mic, Model T coil etc
To: AWAGroup@yahoogroups.com
Received: Monday, May 2, 2016, 5:44 PM

For some
reason my comments didn't make
it through. Here's what I had said in my reply to
Don:

There are 2 ways to do it:

(1) Condenser (C) across spark coil secondary. Spark
gap and
inductor (L) in series with the series combination
in parallel
with the Condenser (which is also in parallel with
spark coli

secondary).

(2) Spark gap across spark coil secondary. Condenser (C) and
inductor (L) in series with the series combination in parallel
with the spark gap (which is also in parallel with spark coli
secondary).

C and L determine (very broad) operating frequency, but keep in
mind there won't be very much RF energy generated by the spark
gap at wavelengths lower than 160M or so.

In either hookup the output can be taken from a link inductively
coupled to the inductor (L), or for demonstration purposes,
simply clip a "dummy load" light bulb across a couple of turns
of L.

Wind a large secondary coil self-resonant at the same frequency
as the LC combination, inductively couple it to L, and you've
got yourself a Tesla coil. I made a couple Tesla coils soon
after I retired (I always wanted to but had previously never
found the time). One is spark-excited per above (but I used a
10KV oil burner xfmr for higher power) and the other is excited
by an 833A Hartley oscillator. I wound one secondary coil that
is removable. It has an octal plug in the base for the secondary
ground connection. I tuned both the spark "job" and Hartley
primary circuits to the self-resonant frequency of the secondary
(it came out at approx 880 KHz, WCBS's frequency) and can use it
with either. With the secondary removed from the spark-excited
rig I can light a 25W 120V bulb clipped across 2 turns of the
"primary" L for a spark rig demo.

73,

-Larry/NE1S

On 5/2/16 4:54 PM, Larry Szendrei ne1s@...
[AWAGroup]
wrote:

On
5/1/16 5:25 PM, dulmagedon@...
[AWAGroup] wrote:

model T
coil worked after some
minor flogging. Pumped it through the HD
antenna tuner
into a dummy load which it lights. Gotta
figure out
how to do this properly.

donVE3LYX

13403. Re: [AWA Group] Horn Mic, Model T coil etc

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-03 01:08:37 UTC
From: Larry Szendrei
Topic: 13396 Message: 13403

On 5/2/16 7:36 PM, Don Dulmage dulmagedon@... [AWAGroup] wrote:
>
> Thank you both. I got em and took a good look. If you could quad the
> 880 you would have it made! (3520). 25 w 120bulb is 50 ohms R too. On
> my low power tuner I have one permanently mounted that I can switch in
> or out. That is also how I tune the No 19 BTW. remove antenna , switch
> on dummy 25W and tune for max. touch nothing but just switch off dummy
> and plug in antenna. (I do not switch antenna but unplug it. That way
> I am not accidently sending dirt because I forgot to switch which I
> would. I know me.
> But we are talking spark demos. I was able to light a 7.5 watt bulb
> about 1/2 way feeding it through by hb pi tuner. As bad as the circuit
> is, as was used, for being broadband interference generator there is
> still something here. Sort of an electromechanical noise gen. I am
> intrigued. I will build a proper demo model with a light bulb dummy
> but may explore the "just for curiosity" side of it. Elimination of
> the spark gap would be my first instinct. Its only purpose is to put
> sound on the signal before the days of BFOs or regens which come with
> one already. Probably foolishness but always interesting.
>
It's a lot more than that - the spark gap is your oscillator; that's
what's generating the RF. (I suppose a small amount is generated by the
sparking of the interrupter on the primary, but the lion's share comes
from the spark gap in the secondary circuit.) You can't eliminate the
spark gap and still have a transmitter, unless you go to a completely
different technology (Poulsen arc, vacuum tube oscillator, alternator, etc.)

> I got the Ford coil for $5 so no big loss if it doesn't work. I saw a
> fellow building a Fedessen style AC rf generator using a multi pole
> stepping motor. Since Fedessen went to college in a nearby village
> west of me (Port Hope Ontario) that intriqued me too.
>
The alternators, on the other hand, generate RF by themselves. They're
just a high-frequency AC machine. But I don't think they can get up to
MF, let alone HF. You run into physical limitations with the number of
poles and rotation speed.

> Anyway lots of obstacles and perhaps impossible but interesting too.
> Larry I liked your comment about building the Tesla coils after you
> retired and finally had time to do that. I had one of those deals. It
> was 6 snowmobile carbs on a self made manifold on a slant six which is
> how and why the dragster still sporting that engine came to be. It
> worked from the git go and I used it for two years like that. I waited
> what seemed like a lifetime to build it and try it. It was eventually
> shown on TV on the GearZ show. However we are talking radios even

> though tuned length , resonance, speed of traveling wave and standing
> waves all came into the design of that induction system. I am easily
> sidetracked I guess.
>
Yeah - too many projects, not enough time. There's more stuff on the
to-do list than I'll ever get to in this lifetime.

73,
-Larry/NE1S

13404. Re: [AWA Group] Horn Mic, Model T coil etc

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-03 05:13:28 UTC
From: dulmagedon@...
Topic: 13396 Message: 13404

I have been playing away and I see you are correct. The spark gap is the oscillator. I was thinking it was the noise EMI source but I can see after this evening I was wrong. I eliminated the spark gap by returning the low side of the secondary the same as we do in a tank in some of our transmitters. The dirt in the signal was the same. Probably a huge amount of it coming from the buzzer or vibrator. It should be enclosed in a grounded metal can. I don't know how far I will go with this as I am pretty well satisfied it was / is a bad idea. Ignitions system themselves is something I am very familiar with. I ran a specialty tune up shop in the 70s and still have two automotive oscilloscopes. Used to do demos for KAL Equipment on a contract basis in the 1980s.(it paid very well thank you ;<) I should hook it up to the Ford coil project so I can see what is really happening except I feel my interest in it waning already. I think I will just make a demo model of the second generation style used back then loading into a dummy light bulb for display and call it a day.
Anyway on another front my 211 hartley appears to tune up to 20M OK. I have it up on 14053 at the moment but am nervous. I need to make absolutely sure that is where I am for sure although all checks would indicate that is so. Sig sounds similar to how it is on 40M so would work ok. Man I wish there were other hams around. It would make things so much easier if someone was near who could double check and such. I have hams around but they have no interest in hb, tubes or CW or experimenting.
donve3lyx

13405. eBay Alert The Kelley Challenge

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-03 10:37:24 UTC
From: Louis Vermond
Topic: 13405 Message: 13405

http://www.ebay.com/itm/WORKING-KNIGHT-KIT-ALLIED-RADIO-OCEAN-HOPPER-RECEIVER-W-PHONES-/301945481320?hash=item464d5a6868:g:sDoAAOSwaG9XJkBm

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This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13406. RE: [AWA Group] eBay Alert The Kelley Challenge

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-03 10:49:48 UTC
From: Mike Feher
Topic: 13405 Message: 13406

I have a mint one with all the coils and the manual. Also had one as a kid.
73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, May 03, 2016 6:37 AM
To: AWAGroup
Subject: [AWA Group] eBay Alert The Kelley Challenge

http://www.ebay.com/itm/WORKING-KNIGHT-KIT-ALLIED-RADIO-OCEAN-HOPPER-RECEIVE
R-W-PHONES-/301945481320?hash=item464d5a6868:g:sDoAAOSwaG9XJkBm

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campai
gn=sig-email&utm_content=emailclient>

Virus-free.
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campai
gn=sig-email&utm_content=emailclient> www.avast.com

13407. Another

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-03 11:20:56 UTC
From: Louis Vermond
Topic: 13407 Message: 13407

http://www.ebay.com/itm/EARLY-1920s-ONE-TUBE-BREADBOARD-RADIO-RECEIVER-/231930414226?hash=item3600214492:g:XM0AAOSwY3RXJkVG

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13408. RE: [AWA Group] Another

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-03 11:37:11 UTC
From: Mike Feher
Topic: 13407 Message: 13408

Yep, saw this yesterday. Did not do much for me, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, May 03, 2016 7:21 AM
To: AWAGroup
Subject: [AWA Group] Another

http://www.ebay.com/itm/EARLY-1920s-ONE-TUBE-BREADBOARD-RADIO-RECEIVER-/231930414226?hash=item3600214492:g:XM0AAOSwY3RXJkVG

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free.
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13409. Maytag Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-03 11:40:56 UTC
From: Louis Vermond
Topic: 13409 Message: 13409

http://www.ebay.com/itm/Restored-1928-Maytag-Gas-Engine-Motor-Side-Exhaust-Hit-Miss-Wringer-Washer/182052735115?_trksid=p2047675.c100009.m1982&_trkparms=aid%3D777000%26algo%3DABA.MBE%26ao%3D1%26asc%3D36016%26meid%3D4e126db442864e39b06566119f5df1f2%26pid%3D100009%26rk%3D1%26rkt%3D1%26sd%3D191853388211

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13410. Re: [AWA Group] eBay Alert The Kelley Challenge

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-03 13:52:25 UTC
From: Larry Szendrei
Topic: 13405 Message: 13410

Why am I not surprised? ;-)

On 5/3/16 6:49 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> I have a mint one with all the coils and the manual. Also had one as a
> kid. 73 ? Mike
>
> Mike B. Feher, N4FS
>

13411. RE: [AWA Group] eBay Alert The Kelley Challenge

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-03 13:57:29 UTC
From: Mike Feher
Topic: 13405 Message: 13411

As Joe (N3IBX) said, his is the "Vortex" and mine is the "Black Hole", HI.
73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, May 03, 2016 9:52 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert The Kelley Challenge

Why am I not surprised? ;-)

On 5/3/16 6:49 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

I have a mint one with all the coils and the manual. Also had one as a kid.
73 - Mike

Mike B. Feher, N4FS

13412. Boulter Bug -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-03 18:35:55 UTC
From: Mike Feher
Topic: 13412 Message: 13412

About a week ago I mentioned that I added a new bug to my collection. I received it today. As it turns out, up to this point only two of these were known to exist. Now there are three. This company was only in existence for a few years from the mid to late teens. Vibroplex at that time bought them along with some of their patents. Rather than attach pictures that take up a lot of space, I am including a URL that has 4 photos of the bug. The URL is about 4 megs, so, if you have a slow connection, you may not want to try it.
73 - Mike

www.eozinc.com/Boulter

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

13413. Re: [AWA Group] Boulter Bug -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-03 21:39:33 UTC
From: Larry Szendrei
Topic: 13412 Message: 13413

Nice!

The binding posts remind me of the Philmore ones.

73,
-Larry/NE1S

On 5/3/16 2:35 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> About a week ago I mentioned that I added a new bug to my collection.
> I received it today. As it turns out, up to this point only two of
> these were known to exist. Now there are three. This company was only
> in existence for a few years from the mid to late teens. Vibroplex at
> that time bought them along with some of their patents. Rather than
> attach pictures that take up a lot of space, I am including a URL that
> has 4 photos of the bug. The URL is about 4 megs, so, if you have a
> slow connection, you may not want to try it. 73 ? Mike
>
> www.eozinc.com/Boulter <http://www.eozinc.com/Boulter>
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
>
> .
>
>

13414. Decker Coil info

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-04 00:07:20 UTC
From: Eric NO3M
Topic: 13414 Message: 13414
Attachments: 1 described; binary payloads are missing from this source WARC

Anyone have any information about Decker coils, particularly years produced?

Just picked this one up and using it in a 160M 203A MOPA.

Thanks
73 - Eric NO3M

13415. RE: [AWA Group] Decker Coil info [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-04 00:12:12 UTC
From: Mike Feher
Topic: 13414 Message: 13415

Eric –

I have never heard of Decker. The pin configuration is almost like the BC-610 coil configuration with some slight spacing differences. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, May 03, 2016 8:07 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Decker Coil info [1 Attachment]

Anyone have any information about Decker coils, particularly years produced?

Just picked this one up and using it in a 160M 203A MOPA.

Thanks
73 - Eric NO3M

13416. Re: [AWA Group] Decker Coil info

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-04 01:11:15 UTC
From: Eric NO3M
Topic: 13414 Message: 13416

Yes, the banana jacks reminded me of the B&W BC-610 coils also. I use a 2.0 - 3.5 BC-610 coil in my 1930s 160M MOPA; I have never been able to find a 160M BC-610 coil. I assume guys that have them don't tend to part with them. The pin spacing on BC-610s is uniform, this coil spaces the output link and center tap pins closer together.

I did a fair amount of research on the 'net, both Google and going through the Advertiser indices in the QST archives. Absolutely nothing on Decker coils. While I didn't go through every month, I pulled up the advertisers list for Jan from 1925 to 1959, figuring they must have advertised in QST at some point, as the box clearly suggests this coil was intended for Amateur band (160M) use.

Hopefully someone will have a fragment of info.

On 05/03/2016 08:12 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Eric –
>
> I have never heard of Decker. The pin configuration is almost like the
> BC-610 coil configuration with some slight spacing differences. 73 – Mike
>
> Mike B. Feher, N4FS
>
>

13417. RE: [AWA Group] eBay Alert The Kelley Challenge

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-03 20:16:41 UTC
From: Don Dulmage
Topic: 13405 Message: 13417

Mike I always think of yours as the Black Roach Hotel. The TV ad used to say, "They check in but, they DON"T check out!" However Vortex Joe has made a name for hisself for sure.
donVe3LYX

On Tue, 5/3/16, 'Mike Feher' n4fs@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: RE: [AWA Group] eBay Alert The Kelley Challenge
To: AWAGroup@yahoogroups.com
Received: Tuesday, May 3, 2016, 9:57 AM

As Joe (N3IBX) said,
his is the “Vortex” and mine is the “Black Hole”,
HI. 73 – Mike
 Mike B. Feher,
N4FS89 Arnold
Blvd.Howell, NJ,
07731732-886-5960
 From: AWAGroup@yahoogroups.com
[mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, May 03, 2016 9:52 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert The
Kelley Challenge   Why am I not surprised?
;-)

On 5/3/16 6:49 AM,
'Mike Feher' n4fs@...
[AWAGroup] wrote: I have a mint one
with all the coils and the manual. Also had one as a kid. 73
– Mike Mike B. Feher,
N4FS

13418. RE: [AWA Group] Boulter Bug -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-03 23:38:43 UTC
From: Steve Flood
Topic: 13412 Message: 13418

Would you attempt to restore this bug Mike? Or would that harm it's value?

Steve

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13419. RE: [AWA Group] eBay Alert The Kelley Challenge

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-04 03:10:55 UTC
From: Mike Feher
Topic: 13405 Message: 13419

Well Don, now that I am retired, those roaches are going to be checking out. Joe Walsh will be proud. Actually, about 15 years ago I sold him an HBR-13. As I recall, it is called Hotel California. I'll send some photos of spark stuff for you, and the group, in the near future. I now have a spot to actually take some photos, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, May 03, 2016 4:17 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] eBay Alert The Kelley Challenge

Mike I always think of yours as the Black Roach Hotel. The TV ad used to say, "They check in but, they DON"T check out!" However Vortex Joe has made a name for hisself for sure.
donVe3LYX

On Tue, 5/3/16, 'Mike Feher' n4fs@eozinc.com [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: RE: [AWA Group] eBay Alert The Kelley Challenge
To: AWAGroup@yahoogroups.com
Received: Tuesday, May 3, 2016, 9:57 AM

As Joe (N3IBX) said,
his is the "Vortex" and mine is the "Black Hole",
HI. 73 – Mike
Mike B. Feher,
N4FS89 Arnold
Blvd.Howell, NJ,
07731732-886-5960
From: AWAGroup@yahoogroups.com
[mailto:AWAGroup@...m]
Sent: Tuesday, May 03, 2016 9:52 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert The
Kelley Challenge Why am I not surprised?
;-)

On 5/3/16 6:49 AM,
'Mike Feher' n4fs@...
[AWAGroup] wrote: I have a mint one
with all the coils and the manual. Also had one as a kid. 73

– Mike Mike B. Feher,
N4FS

13420. RE: [AWA Group] Boulter Bug -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-04 12:22:50 UTC
From: Mike Feher
Topic: 13412 Message: 13420

Steve -

The bug is actually in pretty good condition considering it is 100 years old. It also seems to work rather well. Consequently, I am just going to leave it the way it is. Since there are only three in the world, I doubt if it would hurt its value either way, however, unless a key in my collection is in real bad shape, I prefer to leave it looking old rather than some who make them look like they were just made, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, May 03, 2016 7:39 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Boulter Bug -

Would you attempt to restore this bug Mike? Or would that harm it's value?

Steve

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient&utm_term=icon>

Virus-free.
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient&utm_term=link> www.avast.com

13421. RE: [AWA Group] Boulter Bug -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-03 21:45:11 UTC
From: Mike Feher
Topic: 13412 Message: 13421

Thanks Larry. Of course, I do not think Philmore was around that early. I personally do not see much similarity, but would appreciate if you could point to a Philmore set with similar posts. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, May 03, 2016 5:40 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Boulter Bug -

Nice!

The binding posts remind me of the Philmore ones.

73,
-Larry/NE1S

On 5/3/16 2:35 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

About a week ago I mentioned that I added a new bug to my collection. I received it today. As it turns out, up to this point only two of these were known to exist. Now there are three. This company was only in existence for a few years from the mid to late teens. Vibroplex at that time bought them along with some of their patents. Rather than attach pictures that take up a lot of space, I am including a URL that has 4 photos of the bug. The URL is about 4 megs, so, if you have a slow connection, you may not want to try it. 73 - Mike

www.eozinc.com/Boulter

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

13422. I’ll send some photos of spark s tuff for you, and the group, in the near future.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-04 13:38:52 UTC
From: Louis Vermond
Topic: 13422 Message: 13422

Yes, please do, Mike!

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13423. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-04 16:50:06 UTC
From: Louis Vermond
Topic: 130 Message: 13423

http://www.ebay.co.uk/itm/Collins-Art-13-CU-32-antenna-tuner-military-Ham-Radio-/162053259334?hash=item25bb208046:g:bHQAAOSw5L9XDa6a

---
This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13424. Re: [AWA Group] Boulter Bug -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-04 17:30:24 UTC
From: Larry Szendrei
Topic: 13412 Message: 13424

Here's one example:

http://www.peeblesoriginals.com/vintage/Philmore-crystal-radio.jpg

73,
-Larry/NE1S

On 5/3/16 5:45 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Thanks Larry. Of course, I do not think Philmore was around that
> early. I personally do not see much similarity, but would appreciate
> if you could point to a Philmore set with similar posts. 73 ? Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Tuesday, May 03, 2016 5:40 PM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* Re: [AWA Group] Boulter Bug -
>
> Nice!
>
> The binding posts remind me of the Philmore ones.
>
> 73,
> -Larry/NE1S
>

13425. RE: [AWA Group] Boulter Bug -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-04 17:35:01 UTC
From: Mike Feher
Topic: 13412 Message: 13425

Good eye Larry. They are indeed close. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, May 04, 2016 1:30 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Boulter Bug -

Here's one example:

http://www.peeblesoriginals.com/vintage/Philmore-crystal-radio.jpg

73,
-Larry/NE1S

On 5/3/16 5:45 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

Thanks Larry. Of course, I do not think Philmore was around that early. I personally do not see much similarity, but would appreciate if you could point to a Philmore set with similar posts. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, May 03, 2016 5:40 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Boulter Bug -

Nice!

The binding posts remind me of the Philmore ones.

73,
-Larry/NE1S

13426. RE: [AWA Group] eBay Alert The Kelley Challenge

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-04 12:21:21 UTC
From: Don Dulmage
Topic: 13405 Message: 13426

That brought a grin! Glad you are enjoying your retirement already. My older brother Ron said when we were in our 20s "When business interferes with pleasure cut out the business". There comes the right time. Funny thing is he is still working and I am in year 16 of "coasting."
Anyway have fun.
don

On Tue, 5/3/16, 'Mike Feher' n4fs@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: RE: [AWA Group] eBay Alert The Kelley Challenge
To: AWAGroup@yahoogroups.com
Received: Tuesday, May 3, 2016, 11:10 PM

Well Don, now that I
am retired, those roaches are going to be checking out. Joe
Walsh will be proud. Actually, about 15 years ago I sold him
an HBR-13. As I recall, it is called Hotel California.
I'll send some photos of spark stuff for you, and the
group, in the near future. I now have a spot to actually
take some photos, HI. 73 – Mike
 Mike B. Feher,
N4FS89 Arnold
Blvd.Howell, NJ,
07731732-886-5960

 From: AWAGroup@yahoogroups.com
[mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, May 03, 2016 4:17 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] eBay Alert The
Kelley Challenge   Mike I always think of yours
as the Black Roach Hotel. The TV ad used to say, "They
check in but, they DON"T check out!" However
Vortex Joe has made a name for hisself for sure.
donVe3LYX

On Tue, 5/3/16, 'Mike Feher' n4fs@...
[AWAGroup] <AWAGroup@yahoogroups.com>
wrote:

Subject: RE: [AWA
Group] eBay Alert The Kelley Challenge
To:
AWAGroup@yahoogroups.com
Received: Tuesday, May 3, 2016, 9:57 AM

As Joe (N3IBX) said,
his is the
“Vortex” and mine is the “Black Hole”,
HI. 73 – Mike
 Mike B.
Feher,
N4FS89 Arnold
Blvd.Howell, NJ,
07731732-886-5960
 From: AWAGroup@yahoogroups.com
[mailto:AWAGroup@yahoogroups.com]

Sent: Tuesday, May 03, 2016 9:52 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert The
Kelley Challenge Why am I not
surprised?
;-)

On 5/3/16 6:49 AM,
'Mike
Feher' n4fs@...
[AWAGroup] wrote: I have a mint one
with all the coils and the manual. Also had one
as a kid. 73
– Mike Mike B. Feher,
N4FS

13427. Reproduction, right?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-04 20:49:06 UTC
From: Louis Vermond
Topic: 13427 Message: 13427
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/CIRCA-1916-SPHERICAL-AUDION-TUBE-FILAMENT-CONTROL-UNIT-FOR-EARLY-RADIO-USE-/231932797289?hash=item360045a169:g:4sQAAOSwLs5XKVRA

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13428. Re: [AWA Group] Reproduction, right?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-04 20:54:57 UTC
From: Larry Szendrei
Topic: 13427 Message: 13428

I'm certainly no expert on stuff that old, but the insulation on the
grid and plate leads looks too modern and in way too good condition to
be original. A know this could have been changed, but my money's on repro.

73,
-Larry/NE1S

13429. Reproduction, right? & Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-04 21:12:09 UTC
From: Louis Vermond
Topic: 13429 Message: 13429

My thoughts too, Larry. Thanks...

Now, what say, Mike?
----- Original Message -----
From: Larry Szendrei ne1s@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-05-04 4:54 PM
Subject: Re: [AWA Group] Reproduction, right?

I'm certainly no expert on stuff that old, but the insulation on the
grid and plate leads looks too modern and in way too good condition to
be original. A know this could have been changed, but my money's on repro.

73,
-Larry/NE1S

Yahoo Groups Links

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13430. Little GDO

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-04 21:30:28 UTC
From: dulmagedon@...
Topic: 13430 Message: 13430

As you know I had trouble with my Booton GDO. It has been behaving recently however i need something around so I took a circuit i found in an old Aug 98 Olt Timer AWA bulletin and addapted the cricuit to my purpose and a bit of redesign too. It uses an FET MPS102 or equivalent , an LED for indicating
and is faily broad in tuning covering both 80m and 40m on one coil BUT it is quick reliable and handy.
I put it on my Hamshack website since it is SS and not tubed but here is a link to my pictures and it is the bottom two pics. A schematic and a picture. I called lt Little GDO. (make a good song to sing at a Hamfest ;>)
The circuit is not exotic nor does it pretend to be anything but practical. The LED is in series with the battery supply but when the resonant point is found the circuit gets confused and the light winks out. Crude?perhaps but it works and is very definate and repeatable which is always good to my way of thinking. I made a box for it yesterday from an old 2x4 and some masonite . i have used it several times in te last few days. it is an easy build and works. Values are such that anything close will work. If I use it with my digital rx I can find the resonat point then find the osc alone on the digital rx and get an actual fairl accurate reading. it is actually easier to use then the big one and a bit more accurate as well. The indication is definate. . light goes out on resonance and pops right back on when not resonant. So if you don't have one already and need something cheap easy and relieble it might be the ticket. I built it on a Rs project board and the coil is made on an inside roll from an old Fax paper roll.

DonVe3LYX

13431. RE: [AWA Group] Reproduction, right?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-04 22:13:47 UTC
From: Mike Feher
Topic: 13427 Message: 13431
Attachments: 1 described; binary payloads are missing from this source WARC

Very obviously. Three things obvious right off are: one is the exhaust tip is totally wrong, two there is only a single filament, and three, the method of plate attachment. I am sure I could find others I am sure if I spent more time on it. It is possible it is still old, but, I kind of doubt it. About 40 years ago Jerry Tyne told me people used to make them using light bulbs from a model T for a filament. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, May 04, 2016 4:49 PM
To: AWAGroup
Subject: [AWA Group] Reproduction, right?

<http://www.ebay.com/itm/CIRCA-1916-SPHERICAL-AUDION-TUBE-FILAMENT-CONTROL-UNIT-FOR-EARLY-RADIO-USE-/231932797289?hash=item360045a169:g:4sQAAOSwLs5XKVRA>
http://www.ebay.com/itm/CIRCA-1916-SPHERICAL-AUDION-TUBE-FILAMENT-CONTROL-UNIT-FOR-EARLY-RADIO-USE-/231932797289?hash=item360045a169:g:4sQAAOSwLs5XKVRA

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free.
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13432. RE: [AWA Group] Reproduction, right?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-04 22:16:45 UTC
From: Mike Feher
Topic: 13427 Message: 13432

While what Larry says is correct, the insulation was rubber, on some, which usually cracked over the years and people replaced them. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

-----Original Message-----
From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, May 04, 2016 4:55 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Reproduction, right?

I'm certainly no expert on stuff that old, but the insulation on the grid and plate leads looks too modern and in way too good condition to be original. A know this could have been changed, but my money's on repro.

73,
-Larry/NE1S

Yahoo Groups Links

13433. Re: Little GDO

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-04 21:34:22 UTC
From: dulmagedon@...
Topic: 13430 Message: 13433

http://www.myhamshack.com/profile/MyPictures.aspx
http://www.myhamshack.com/profile/MyPictures.aspx

forgot the link! sri

13434. RE: [AWA Group] eBay Alert The Kelley Challenge

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-04 18:47:11 UTC
From: w1zb@...
Topic: 13405 Message: 13434

I used an Ocean Hopper back in the 1960's. It was my novice station receiver and I used it on 40M. I made a lot of contacts with it.
73 Jerry W1ZB

13435. Re: [AWA Group] Reproduction, right? yes 90% is

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-05 04:36:51 UTC
From: MARK DOTY
Topic: 13427 Message: 13435
Attachments: 1 described; binary payloads are missing from this source WARC

Hi all I am a collector of the 1900-1930 radios and arc or spark transmitters stuff and this thing is 99% a Reproduction.the only thing that is old is the rheostat and the terminals post the wood is plywood tube socket looks old but shows no sign of age, tube is a single filament repro and one photo show the tube socket up close you can see wood chips where the wirer come out.mark

From: "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, May 4, 2016 3:13 PM
Subject: RE: [AWA Group] Reproduction, right?

Very obviously. Three things obvious right off are: one is the exhaust tip is totally wrong, two there is only a single filament, and three, the method of plate attachment. I am sure I could find others I am sure if I spent more time on it. It is possible it is still old, but, I kind of doubt it. About 40 years ago Jerry Tyne told me people used to make them using light bulbs from a model T for a filament. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, May 04, 2016 4:49 PM
To: AWAGroup
Subject: [AWA Group] Reproduction, right? http://www.ebay.com/itm/CIRCA-1916-SPHERICAL-AUDION-TUBE-FILAMENT-CONTROL-UNIT-FOR-EARLY-RADIO-USE-/231932797289?hash=item360045a169:g:4sQAAOSwLs5XKVRA
| | Virus-free. www.avast.com |

13436. Re: [AWA Group] Reproduction, right?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-05 04:39:19 UTC
From: MARK DOTY
Topic: 13427 Message: 13436

one more thing the one photo of the tube base you can see the solder is still nice a brightmark

From: "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup <AWAGroup@yahoogroups.com>
Sent: Wednesday, May 4, 2016 1:49 PM
Subject: [AWA Group] Reproduction, right?

http://www.ebay.com/itm/CIRCA-1916-SPHERICAL-AUDION-TUBE-FILAMENT-CONTROL-UNIT-FOR-EARLY-RADIO-USE-/231932797289?hash=item360045a169:g:4sQAAOSwLs5XKVRA

| | Virus-free. www.avast.com |

13437. AWA Spring Meet in Two Days!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-05 10:57:23 UTC
From: dfaklis@...
Topic: 13437 Message: 13437

In addition, there is a BIG auction:

http://www.antiquewireless.org/2016-spring-meet.html
http://www.antiquewireless.org/2016-spring-meet.html

Here is a link to auction items:

http://www.antiquewireless.org/2016-spring-auction-items.html
http://www.antiquewireless.org/2016-spring-auction-items.html

7 MAY 16, 7 am, Bloomfield, NY

73, Dean, NW2K

13438. eBay Alert 7SL pse note

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-05 12:58:38 UTC
From: Louis Vermond
Topic: 13438 Message: 13438

http://www.ebay.com/itm/Beautiful-art-deco-EMERSON-432-tube-portable-all-original-not-playing/272226865803?_trksid=p5411.c100168.m2941&_trkparms=aid%3D333008%26algo%3DRIC.MBE%26ao%3D1%26asc%3D20140131123801%26meid%3Ded438bf3c7624f5aa79675396f7b14eb%26pid%3D100168%26rk%3D4%26rkt%3D15%26sd%3D231932797289

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13439. Re: [AWA Group] Re: Little GDO

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-05 01:57:35 UTC
From: Doug Forbes
Topic: 13430 Message: 13439

Don,
I wonder if anybody else got the Ronnie and the Daytonas inference.Doug
----- Original Message -----
From: dulmagedon@... [AWAGroup] <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Wed, 04 May 2016 17:34:22 -0400 (EDT)
Subject: [AWA Group] Re: Little GDO

<!--

.ygrp-photo-title{
clear: both;
font-size: smaller;
height: 15px;
overflow: hidden;
text-align: center;
width: 75px;
}
div.ygrp-photo{
background-position: center;
background-repeat: no-repeat;
background-color: white;
border: 1px solid black;
height: 62px;
width: 62px;
}

div.photo-title
a,
div.photo-title a:active,
div.photo-title a:hover,
div.photo-title a:visited {
text-decoration: none;
}

div.attach-table div.attach-row {
clear: both;
}

div.attach-table div.attach-row div {
float: left;

}

p {
clear: both;
padding: 15px 0 3px 0;

```
overflow: hidden;
}

div.ygrp-file {
width: 30px;
valign: middle;
}
div.attach-table div.attach-row div div a {
text-decoration: none;
}

div.attach-table div.attach-row div div span {
font-weight: normal;
}

div.ygrp-file-title {
font-weight: bold;
}

--><!--
#ygrp-mkp {
border: 1px solid #d8d8d8;
font-family: Arial;
margin: 10px 0;
padding: 0 10px;
}

#ygrp-mkp hr {
border: 1px solid #d8d8d8;
}

#ygrp-mkp #hd {
color: #628c2a;
font-size: 85%;
font-weight: 700;
line-height: 122%;
margin: 10px 0;
}

#ygrp-mkp #ads {
margin-bottom: 10px;
}

#ygrp-mkp .ad {
padding: 0 0;
}

#ygrp-mkp .ad p {
margin: 0;
}

#ygrp-mkp .ad a {
color: #0000ff;
```

```
text-decoration: none;
}
-->
```

http://www.myhamshack.com/profile/MyPictures.aspx

forgot the link! sri

13440. Link For Collins fans

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-05 10:40:16 UTC
From: dulmagedon@...
Topic: 13440 Message: 13440

With Dad's passing we have heard from folks all around the world who knew him and worked with him. One place I knew nothing about was a Collins web site for the Canadian division run by Jack VE3FAE. If you don't know Collins Radio of Canada was the only Collins facility outside of the USA and was operated from the 1950s till the 1990 even though Rockwell bought the company about 1974. My brother gave the guild a heads up on Dads passing and I have had two emails from them since. There are a lot of radio links there as well plus historical articles about Collins and ART C himself who occasionally made his presence known. There was a short note about Dad and his development and bringing to production the AN/ARC552 UHF Transceiver. Many folks here I knew. A few are still with us. Obviously that interested me but there is also a wealth of links to other articles and sites and some history on Collins gear including ham gear and some general radio history. There is even a link to Lou's old work place's famous radio museum. I know several of you have vintage Collins stuff, military or otherwise so here it is, www.antiquehistory.net http://www.antiqueshistory.net/Collins. I am away at the http://www.antiquehistory.net/Collins/Collins-Canada-Links.htmFuneral for two days. CUL donVe3LYX

13441. RE: [AWA Group] Link For Collins fans

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-06 12:43:44 UTC
From: Mike Feher
Topic: 13440 Message: 13441

I, while working for the military, had lots of dealings with Collins. First in Richardson, TX and later they moved the operation to Cedar Rapids, IA. On a couple of occasions they gave me the VIP tour of their museum at the Cedar Rapids main facility. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, May 05, 2016 6:40 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Link For Collins fans

With Dad's passing we have heard from folks all around the world who knew him and worked with him. One place I knew nothing about was a Collins web site for the Canadian division run by Jack VE3FAE. If you don't know Collins Radio of Canada was the only Collins facility outside of the USA and was operated from the 1950s till the 1990 even though Rockwell bought the company about 1974. My brother gave the guild a heads up on Dads passing and I have had two emails from them since. There are a lot of radio links there as well plus historical articles about Collins and ART C himself who occasionally made his presence known. There was a short note about Dad and his development and bringing to production the AN/ARC552 UHF Transceiver. Many folks here I knew. A few are still with us. Obviously that interested me but there is also a wealth of links to other articles and sites and some history on Collins gear including ham gear and some general radio history. There is even a link to Lou's old work place's famous radio museum. I know several of you have vintage Collins stuff, military or otherwise so here it is, www.antiquehistory.net <http://www.antiqueshistory.net> /Collins. <http://www.antiquehistory.net/Collins/Collins-Canada-Links.htm>

<http://www.antiquehistory.net/Collins/Collins-Canada-Links.htm> I am away at the

Funeral for two days. CUL
donVe3LYX

13442. Special request

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-06 17:08:57 UTC
From: Roger Kuchera
Topic: 13442 Message: 13442

Gentlemen, I have a special request to any members attending the Spring AWA Meet. I realize thisis presumptuous of me but; Would anyone attending the meet Please keep their eyes andears open for parts or information on my Gross CW-25 project? I would be obliged to anyone for anything they can dredge up.

Thank you in advance. Any costs involved, of course, will be remunerated.

Roger/K1TG

13443. RE: [AWA Group] Special request

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-06 19:42:05 UTC
From: Edward Gable
Topic: 13442 Message: 13443

Is there a list? /Ed k2mp

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, May 06, 2016 1:09 PM
To: yahoogroups <awagroup@yahoogroups.com>
Subject: [AWA Group] Special request

Gentlemen,
I have a special request to any members attending the Spring AWA Meet. I realize this is presumptuous of me but; Would anyone attending the meet Please keep their eyes and ears open for parts or information on my Gross CW-25 project? I would be obliged to any one for anything they can dredge up.

Thank you in advance. Any costs involved, of course, will be remunerated.

Roger/K1TG

13444. Re: [AWA Group] Re: Little GDO

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-06 23:58:25 UTC
From: Don Dulmage
Topic: 13430 Message: 13444

On Wed, 5/4/16, Doug Forbes dougforbes@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
:<)
don
Subject: Re: [AWA Group] Re: Little GDO
To: AWAGroup@yahoogroups.com
Received: Wednesday, May 4, 2016, 9:57 PM

Don,

I wonder if anybody else got the
Ronnie and the Daytonas inference.

Doug

Original Message -----
From:
dulmagedon@... [AWAGroup]
<AWAGroup@yahoogroups.com>
To:
AWAGroup@yahoogroups.com
Sent: Wed, 04 May
2016 17:34:22 -0400 (EDT)
Subject: [AWA
Group] Re: Little GDO

http://www.myhamshack.com/profile/MyPictures.aspx

forgot the link!
sri

13445. Arthur's 9CXX Ham Shack, circa 1925 ..... Tks Andy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-07 00:09:04 UTC
From: Louis Vermond
Topic: 13445 Message: 13445

http://rockwellcollinsmuseum.org/aa_collins/1925_ham_shack.php

---
This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13446. RE: [AWA Group] Link For Collins fans

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-07 00:26:43 UTC
From: Don Dulmage
Topic: 13440 Message: 13446

On Fri, 5/6/16, 'Mike Feher' n4fs@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: RE: [AWA Group] Link For Collins fans
To: AWAGroup@yahoogroups.com
Received: Friday, May 6, 2016, 8:43 AM
Hi Mike,Re Cedar Rapids plant' Dad used to have to fly to Cedar Rapids every month or so. At first Arthur and Collins had this old twin tail Beechcraft and they would pick Dad up at Malton (Now Pearson) . That was back when you could go on the observation deck and watch the planes leave. We were always excited when he got back but he was usually very tired. He used to tell us the old beechcraft shook so bad his teeth were still rattling. About the time I was 5 they started flying them on Commercial airlines instead. He was much happier. However I remember one trip out was on an Electra and they had been having teething problems. One had lost a prop blade into the cabin in Toronto so I remember being concerned about that even at that young age as i had seen the pic of it on the front page of the Toronto Star. Then they sent him on an airline that flew Viscounts and all was well.
I am surprised at the response from the old Collins employee groups. Even though he left Collins in 1962 as late as just a couple of hours ago I got a note from one who worked in the same department after Dad and knew his tech (Every engineer had his own personal tech who always worked with him.) They were and still are a tight knit bunch. Anyway, end of an era for me.
At the funeral I met the son of one of Dad's students from WW2 No 1 Wireless School RCAF days. He and Dad had reconnected about 15 or 20 years ago when they bumped into each other. His Dad has passed already but he said he still had one of his Dads Collins receivers. (his Dad was a ham) He told me to come see him and it in person. I think i better.
Don

I, while working for
the military, had lots of dealings with Collins. First in
Richardson, TX and later they moved the operation to Cedar
Rapids, IA. On a couple of occasions they gave me the VIP
tour of their museum at the Cedar Rapids main facility. 73
– Mike
 Mike B. Feher,
N4FS89 Arnold
Blvd.Howell, NJ,
07731732-886-5960

 From: AWAGroup@yahoogroups.com
[mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, May 05, 2016 6:40 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Link For Collins
fans   With Dad's passing we
have heard from folks all around the world who knew him and
worked with him. One place I knew nothing about was a

Collins web site for the Canadian division run by Jack VE3FAE. If you don't know Collins Radio of Canada was the only Collins facility outside of the USA and was operated from the 1950s till the 1990 even though Rockwell bought the company about 1974. My brother gave the guild a heads up on Dads passing and I have had two emails from them since. There are a lot of radio links there as well plus historical articles about Collins and ART C himself who occasionally made his presence known. There was a short note about Dad and his development and bringing to production the AN/ARC552 UHF Transceiver. Many folks here I knew. A few are still with us. Obviously that interested me but there is also a wealth of links to other articles and sites and some history on Collins gear including ham gear and some general radio history. There is even a link to Lou's old work place's famous radio museum. I know several of you have vintage Collins stuff, military or otherwise so here it is, www.antiquehistory.net/Collins.I am away at theFuneral for two days. CUL donVe3LYX

13447. Image test for Monsieur Cro

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-07 01:13:16 UTC
From: Louis Vermond
Topic: 13447 Message: 13447
Attachments: 1 described; binary payloads are missing from this source WARC

1932

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13448. Re: [AWA Group] Image test for Monsieur Cro

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-07 01:14:39 UTC
From: N3IBX
Topic: 13447 Message: 13448

a smashing success! many many thanks again for your help Lou. I've been missing out on some good pics on the AWA group!
Best regards,
Joe?
?
?
On 05/06/16, 'Louis Vermond' ldvermond@... [AWAGroup] wrote:
?
?

1932

(https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient)
Virus-free. www.avast.com (https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient)

13449. Re: [AWA Group] Image test for Monsieur Cro

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-07 01:31:01 UTC
From: Louis Vermond
Topic: 13447 Message: 13449

Good...happy ending.
----- Original Message -----
From: N3IBX N3IBX@verizon.net [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-05-06 9:14 PM
Subject: Re: [AWA Group] Image test for Monsieur Cro

a smashing success! many many thanks again for your help Lou. I've been missing out on some good pics on the AWA group!
Best regards,
Joe

On 05/06/16, 'Louis Vermond' ldvermond@... [AWAGroup]<AWAGroup@yahoogroups.com> wrote:

1932

Virus-free. www.avast.com

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13450. Re: [AWA Group] Re: Little GDO

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-06 04:30:10 UTC
From: Daniel Petersen
Topic: 13430 Message: 13450

Oh, yeah...It didn't get by me.
73,
Dan - W7OIL

On Wed, May 4, 2016 at 6:57 PM, Doug Forbes dougforbes@...
[AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> Don,
>
> I wonder if anybody else got the Ronnie and the Daytonas inference.
>
> Doug
>
> ----- Original Message -----
> From: dulmagedon@... [AWAGroup] <AWAGroup@yahoogroups.com>
> To: AWAGroup@yahoogroups.com
> Sent: Wed, 04 May 2016 17:34:22 -0400 (EDT)
> Subject: [AWA Group] Re: Little GDO
>
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>
> http://www.myhamshack.com/profile/MyPictures.aspx
>
> forgot the link! sri
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>

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73,
Dan - W7OIL

13451. Re: [AWA Group] Re: Little GDO

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-07 10:30:47 UTC
From: Don Dulmage
Topic: 13430 Message: 13451

;<) I better go practice it on my fiddle! If we could get a Clarinet player (Clarinet and violin go very together well both being products of a tree as are guitars.) on the melody and Larry on bass we would have it made!
All that aside it is a very handy little piece of shack gear for quick checks. Not at all sorry I built it. I am in probably less than $5. It took about a 1/2 - 3/4 of an hour to make.
don

On Fri, 5/6/16, Daniel Petersen dan.w7oil@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Re: Little GDO
To: "awagroup" <AWAGroup@yahoogroups.com>
Received: Friday, May 6, 2016, 12:30 AM

Oh, yeah...It didn't
get by me.
73,
Dan -
W7OIL

On Wed, May 4, 2016 at 6:57
PM, Doug Forbes dougforbes@...
[AWAGroup] <AWAGroup@yahoogroups.com>
wrote:

Don,

I wonder if anybody else got the
Ronnie and the Daytonas inference.

Doug

Original Message -----
From: dulmagedon@...
[AWAGroup] <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Wed, 04 May 2016 17:34:22 -0400 (EDT)
Subject: [AWA Group] Re: Little GDO

http://www.myhamshack.com/profile/MyPictures.aspx

forgot the link!
sri

--

73,
Dan - W7OIL

13452. Welcome New Member .... radiocats

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-07 15:11:18 UTC
From: Louis Vermond
Topic: 13452 Message: 13452

Comment from user: Ham 50 years, collector, builder vintage radio..

Please introduce yourself, OM..

73, Lou VE3AWA

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13453. RE: [AWA Group] Welcome New Member .... radiocats

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-07 15:22:56 UTC
From: Mike Feher
Topic: 13452 Message: 13453

Welcome Charles. – 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, May 07, 2016 11:11 AM
To: AWAGroup
Subject: [AWA Group] Welcome New Member .... radiocats

☐

Comment from user: Ham 50 years, collector, builder vintage radio..

Please introduce yourself, OM..

73, Lou VE3AWA

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free. <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13454. Re: [AWA Group] Welcome New Member .... radiocats

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-07 17:11:50 UTC
From: Roger Kuchera
Topic: 13452 Message: 13454

Howdy Charles es Welcome aboard!
Roger/K1TG

On Saturday, May 7, 2016 11:23 AM, "'Mike Feher' n4fs@... [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:

<!--#yiv8998900437 #yiv8998900437 .yiv8998900437ygrp-photo-title{clear:both;font-size:smal
ler;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv8998900437 div.yiv899890
0437ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:whi
te;border:1px solid black;height:62px;width:62px;}#yiv8998900437
div.yiv8998900437photo-title a, #yiv8998900437 div.yiv8998900437photo-title a:active,
#yiv8998900437 div.yiv8998900437photo-title a:hover, #yiv8998900437
div.yiv8998900437photo-title a:visited {text-decoration:none;}#yiv8998900437
div.yiv8998900437attach-table div.yiv8998900437attach-row {clear:both;}#yiv8998900437
div.yiv8998900437attach-table div.yiv8998900437attach-row div {float:left;}#yiv8998900437
p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv8998900437
div.yiv8998900437ygrp-file {width:30px;}#yiv8998900437 div.yiv8998900437attach-table
div.yiv8998900437attach-row div div a {text-decoration:none;}#yiv8998900437
div.yiv8998900437attach-table div.yiv8998900437attach-row div div span
{font-weight:normal;}#yiv8998900437 div.yiv8998900437ygrp-file-title
{font-weight:bold;}#yiv8998900437 --> <!--#yiv8998900437 _filtered #yiv8998900437
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"serif";}#yiv8998900437 a:link, #yiv8998900437 span.yiv8998900437MsoHyperlink
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span.yiv8998900437MsoHyperlinkFollowed
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{}#yiv8998900437 span.yiv8998900437ct {}#yiv8998900437
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p.yiv8998900437attach, #yiv8998900437 li.yiv8998900437attach, #yiv8998900437
div.yiv8998900437attach
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#yiv8998900437 div.yiv8998900437bold

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li.yiv8998900437underline, #yiv8998900437 div.yiv8998900437underline
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"serif";}#yiv8998900437 span.yiv8998900437yshortcuts {}#yiv8998900437 p.yiv8998900437ad1,
#yiv8998900437 li.yiv8998900437ad1, #yiv8998900437 div.yiv8998900437ad1
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"serif";}#yiv8998900437 p.yiv8998900437ad2, #yiv8998900437 li.yiv8998900437ad2,
#yiv8998900437 div.yiv8998900437ad2
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New Roman", "serif";}#yiv8998900437 p.yiv8998900437underline1, #yiv8998900437
li.yiv8998900437underline1, #yiv8998900437 div.yiv8998900437underline1
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"serif";text-decoration:underline;}#yiv8998900437 span.yiv8998900437yshortcuts1
{font-family:"Verdana", "sans-serif";font-weight:bold;}#yiv8998900437
span.yiv8998900437yshortcuts2 {font-family:"Verdana",
"sans-serif";font-weight:normal;}#yiv8998900437 span.yiv8998900437EmailStyle36
{font-family:"Calibri", "sans-serif";color:#1F497D;}#yiv8998900437
.yiv8998900437MsoChpDefault {font-size:10.0pt;} _filtered #yiv8998900437 {margin:1.0in
1.0in 1.0in 1.0in;}#yiv8998900437 div.yiv8998900437WordSection1 {}#yiv8998900437 _filtered
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_filtered #yiv8998900437 {font-family:Wingdings;} _filtered #yiv8998900437
{font-family:Wingdings;} _filtered #yiv8998900437 {font-family:Wingdings;} _filtered
#yiv8998900437 {font-family:Wingdings;}#yiv8998900437 ol
{margin-bottom:0in;}#yiv8998900437 ul {margin-bottom:0in;}-->

Welcome Charles. – 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: AWAGroup@...m [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, May 07, 2016 11:11 AM
To: AWAGroup
Subject: [AWA Group] Welcome New Member .... radiocats ☐ Comment from user: Ham 50 years, collector, builder vintage radio.. Please introduce yourself, OM.. 73, Lou VE3AWA
| | Virus-free. www.avast.com |

13455. Hello Charles and Welcome Aboard!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-07 23:10:07 UTC
From: N3IBX
Topic: 13455 Message: 13455

Hello Charles and welcome. We're all looking forward to hearing from you.

Very best regards,
Joe Cro N3IBX

13456. Sloping Dipole

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-08 02:31:30 UTC
From: Louis Vermond
Topic: 13456 Message: 13456

GE,

Anyone here have experience with sloping dipoles?

GN, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13457. 20m ops

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-08 02:34:25 UTC
From: dulmagedon@...
Topic: 13457 Message: 13457

Welcome Charles.
Earlier in the week we were talking about 20m ops a bit or at least Lou and I were wondering out loud. I dug out my old QSl cards from my early Cw days and went through to see if I did much 20m CW ops. Back then I operated under my first call VE3LYU. I used a Viking II CDC model with a Viking VFO for ops and listened on a Radio Shack DX 200 (Which is a rx I still wouldn't mind having again.) Most of my 20m Cw ops were in and around 14040 to 14045mcs. That is typical for me to stay more or less in one spot moving only enouf to avoid QRMing someone. I still op that way today. I have spent the last few days when home listening on 20M under 14100khz.. I may whip up a quick 1930s style 6l6 rig to test the waters before going all the way with a 1929 style rig. I want the final rig to be a good stable design.
BTW How did my call get changed? I don't know if i ever told you folks the tail but I operated for over a year as VE3LYU. even had 1000 QSL card made plus the usual stuff. One night I called CQ de VE3LYU and was answered by VE3LYU. We were both a built ticked someone was using our call but once cooler heads prevailed I said i would go to the ministry and find out what was up. Turns out we wrote our exam and code test the same day at the same faciiity and due to a clerical error had both been issued the same call. VE3LYU. I had been quite active but he had not been on that much till about then. We had the presence of mind to send each other a QSL card , Ve3LYU de Ve3LYU and I had it in my big mitt just a few minutes ago. He was Active Duty Military and i was not so the inspector gave him the call and gave me VE3LYX instead. I just chucked the remaining VE3LYU QSL cards a couple of months back. I had thought when he no longer needed it would revert back to me if i wanted it or so I hoped but when Derick became a silent key they reissued it to someone near Newmarket and I have worked him sort of (in a round table on 80M AM) since.
donVe3LYX.

13458. Re: Sloping Dipole

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-08 11:01:34 UTC
From: dulmagedon@...
Topic: 13456 Message: 13458

I made and used a sloper on 80m back at the old QTH for several years. It was easy to do and seemed to load fine. I see quite a few QSL cards I got with it back in the day. 1981 and 82 I ran it mostly but right through to 86. Seemed OK, don't remember any issues but as you may or may not have noticed I don't have any dipoles now.
donVE3LYX

13459. RE: [AWA Group] Sloping Dipole

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-08 11:10:36 UTC
From: Steve Flood
Topic: 13456 Message: 13459

GM Lou,

I've used them routinely for backpacking/mountaintop operations. In such use I had typically been on the higher bands (15/17/20/30) and was also usually able to hang one end at least 20 feet high using a telescoping crappie pole where no trees were available. However, you are probably wondering about lowband (160-80-40) operation with the wires relatively close to ground?

Steve

KK7UV

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13460. Re: [AWA Group] Sloping Dipole

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-08 13:58:20 UTC
From: Louis Vermond
Topic: 13456 Message: 13460

GM all,

First of all, thanks Joe, Don and you Steve for your responses.

Steve, let's discuss this on the 'phone today if possible. If so, your time?

73, Lou

I've used them routinely for backpacking/mountaintop operations. In such use I had typically been on the higher bands (15/17/20/30) and was also usually able to hang one end at least 20 feet high using a telescoping crappie pole where no trees were available. However, you are probably wondering about lowband (160-80-40) operation with the wires relatively close to ground?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13461. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-09 07:25:34 UTC
From: Louis Vermond
Topic: 130 Message: 13461

http://intl.target.com/p/hello-kitty-22-channel-4-mile-2-way-radio-pink-kt2022/-/A-13641611?ref=tgt_adv_XSC10001&AFID=shopping_df&LNM=13641611&CPNG=Electronics&sdc_id=1027244326129&gclid=COiwsoG7zMwCFVQ5Mgodvu4HvQ&gclsrc=ds

---
This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13462. Winners of AWA "On the air" events for 2015-2016 season

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-09 19:08:07 UTC
From: Larry Szendrei
Topic: 13462 Message: 13462

Tim W1GIG posted the following to the "other" AWA reflector. Congrats Don, Bill and John!

73,

-Larry/NE1S

P.S. - Don, you're just lucky I was tied up activating W2AN during the AM QSO party and worked no stations with my own callsign! ;-)

(W2AN wasn't "competing.")

The following are the Winners of this Year’s AWA on the air events.

Bruce Kelly Memorial QSO Party Bill Stuart, K4JYS

Smithfield, NC

Linc Cundall Memorial Contest John Bogath, N2BE

Branchville, Nj

AM QSO Party Don Dulmage, VE3LYX

Bellville, Ontario

John Rollins Memorial DX Contest John Bogath, N2BE

Branchville NJ

13463. Re: [AWA Group] Winners of AWA "On the air" events for 2015-2016 season

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-09 21:04:15 UTC
From: Bill Stewart
Topic: 13462 Message: 13463

Tnx Larry...it was a lot of fun and also tnx for our contacts.
And a pat on the back to Don and John as well.
73 de Bill K4JYS

----- Original Message -----

From: "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, May 9, 2016 3:08:07 PM
Subject: [AWA Group] Winners of AWA "On the air" events for 2015-2016 season

Tim W1GIG posted the following to the "other" AWA reflector. Congrats Don, Bill and John!
73,
-Larry/NE1S

P.S. - Don, you're just lucky I was tied up activating W2AN during the AM QSO party and worked no stations with my own callsign! ;-)
(W2AN wasn't "competing.")

The following are the Winners of this Year’s AWA on the air events.

Bruce Kelly Memorial QSO Party Bill Stuart, K4JYS
Smithfield, NC

Linc Cundall Memorial Contest John Bogath, N2BE
Branchville, Nj

AM QSO Party Don Dulmage, VE3LYX
Bellville, Ontario

John Rollins Memorial DX Contest John Bogath, N2BE
Branchville NJ

13464. Re: [AWA Group] Winners of AWA "On the air" events for 2015-2016 season

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-09 21:36:17 UTC
From: Don Dulmage
Topic: 13462 Message: 13464

Yeah I would say lucky. Although I do love AM ops. Wasn't in to win. Was in to enjoy and I did.enjoy it.
don

On Mon, 5/9/16, Larry Szendrei ne1s@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] Winners of AWA "On the air" events for 2015-2016 season
To: AWAGroup@yahoogroups.com
Received: Monday, May 9, 2016, 3:08 PM

Tim W1GIG posted the following to the
"other" AWA reflector.
Congrats Don, Bill and John!
73,
-Larry/NE1S

P.S. - Don, you're just lucky I was tied up
activating W2AN during
the AM QSO party and worked no stations with my own
callsign! ;-)
(W2AN wasn't "competing.")

The following are the Winners of
this
Year’s AWA on the air events.

Bruce Kelly Memorial QSO
Party Bill
Stuart, K4JYS
Smithfield, NC

Linc Cundall Memorial
Contest John
Bogath, N2BE
Branchville, Nj

AM QSO Party Don
Dulmage, VE3LYX
Bellville, Ontario

John Rollins Memorial DX
Contest
John
Bogath, N2BE

Branchville NJ

13465. Tower & Inverted Vee -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-09 22:32:17 UTC
From: Mike Feher
Topic: 13465 Message: 13465

For years people on here and on the air have been wanting to see pictures of my HF antenna setup before and after the storm. I put the tower up in November of '95 all by myself, with then my 18 year old son being the ground crew. My wife was too scared to even watch me up there. Anyway, it stayed intact for exactly 17 years. I built it to last. I had a pulley on top to lower the Vee in case something ever happened and nothing did. Low and behold along came Sandy at the end of October through early November, and, it still was fine. Then less than a week later we got a terrible north eastern where the rain coming down was ice. Tree limbs were already weakened by Sandy, and now ice laden a lot of them came down. Well, one tree on the edge of my property line in the front yard came smashing down in the middle of the night landing on the leg of the Vee that was supported by a tree close to the street edge, and then there was a big bang. You would think that that #6 solid copper wire would break, or the heavy parachute type cord supporting it to the tree, no, it had to pull the top 25 feet of the tower down right where the top set of guy wires were. Regardless, one of my landscaping guys last summer climbed the tower, even without a belt, and placed the antenna where it is now. BTW, they did take the dangling top section down from the top of my family room back in 2013. OK, by now I am sure you are bored. If you would like to get more bored, check out the photos in this link. 73 - Mike

www.eozinc.com/Tower

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

13466. Re: [AWA Group] Tower & Inverted Vee -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-10 05:00:14 UTC
From: Louis Vermond
Topic: 13465 Message: 13466

Wt u hve left is still btr then most, OM.

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-05-09 6:32 PM
Subject: [AWA Group] Tower & Inverted Vee -

For years people on here and on the air have been wanting to see pictures of my HF antenna setup before and after the storm. I put the tower up in November of '95 all by myself, with then my 18 year old son being the ground crew. My wife was too scared to even watch me up there. Anyway, it stayed intact for exactly 17 years. I built it to last. I had a pulley on top to lower the Vee in case something ever happened and nothing did. Low and behold along came Sandy at the end of October through early November, and, it still was fine. Then less than a week later we got a terrible north eastern where the rain coming down was ice. Tree limbs were already weakened by Sandy, and now ice laden a lot of them came down. Well, one tree on the edge of my property line in the front yard came smashing down in the middle of the night landing on the leg of the Vee that was supported by a tree close to the street edge, and then there was a big bang. You would think that that #6 solid copper wire would break, or the heavy parachute type cord supporting it to the tree, no, it had to pull the top 25 feet of the tower down right where the top set of guy wires were. Regardless, one of my landscaping guys last summer climbed the tower, even without a belt, and placed the antenna where it is now. BTW, they did take the dangling top section down from the top of my family room back in 2013. OK, by now I am sure you are bored. If you would like to get more bored, check out the photos in this link. 73 - Mike

www.eozinc.com/Tower

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

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https://www.avast.com/antivirus

13467. Re: [AWA Group] Winners of AWA "On the air" events for 2015-2016 season

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-10 05:01:41 UTC
From: Louis Vermond
Topic: 13462 Message: 13467

What was ur "score", Don?
----- Original Message -----
From: Don Dulmage dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-05-09 5:36 PM
Subject: Re: [AWA Group] Winners of AWA "On the air" events for 2015-2016 season

Yeah I would say lucky. Although I do love AM ops. Wasn't in to win. Was in to enjoy and I did.enjoy it.
don

On Mon, 5/9/16, Larry Szendrei ne1s@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13468. Re: [AWA Group] Tower & Inverted Vee -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-10 11:29:21 UTC
From: Larry Szendrei
Topic: 13465 Message: 13468

Thanks, Mike.

Some of those images look familiar from when you posted them right after the damage occurred, but the new ones give a clear picture of your current antenna installation.

73,
-Larry/NE1S

13469. Re: [AWA Group] Winners of AWA "On the air" events for 2015-2016 season

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-10 12:43:41 UTC
From: dulmagedon@...
Topic: 13462 Message: 13469

Lou, I know nothing. I threw out my log sheets long ago. Being in the competition at a competitive level was the farthest thing from my mind. I keep a log and summit them only because I know it is important to the organizer to know some folks are participating. I wasn't trying to win or anything. I do thoroughly enjoy AM as a mode though and at that time of the year when band conditions are decent I am on AM at least once everyday sometime several times. I check The AM Window even now everyday because I really enjoy it. All I can say is I did spend a lot of time at it and used all three AM rigs, My ARC 5 80m, My Dixie60 and my current favourite the modded No 19 WS which has proved to be the most effective AM rig I own. I don't normaly run a lot of power unless on the DX60 with my homebrew amp (which is only 150W anyway) but normally am under 20 Watts output. I am surprised to say the least and As Larry says probably just lucky. Maybe no one else sent in their logs. I don't know. I know I had a lot more AM contacts that contest then I ever had in the BK or Linc Cundal events. I am pleased but surprised. And prefer just to quietly enjoy it. I am an old SSB Dxer so I am used to busting pileups and getting on and out quickly and am not much of a conversationalist so maybe that helps. I dont know. All I know is I love operating AM on old military gear and it was a fun weekend.
donVe3LYX

13470. Re: [AWA Group] Winners of AWA "On the air" events for 2015-2016 season

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-10 13:00:56 UTC
From: Louis Vermond
Topic: 13462 Message: 13470

GM Don and All,

What I was looking for was an idea of the numbers involved this year. Up. Down. About the same....? Want to know if it worthwhile building that 1K Looper.

Lou

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-05-10 8:43 AM
Subject: Re: [AWA Group] Winners of AWA "On the air" events for 2015-2016 season

Lou, I know nothing. I threw out my log sheets long ago. Being in the competition at a competitive level was the farthest thing from my mind. I keep a log and summit them only because I know it is important to the organizer to know some folks are participating. I wasn't trying to win or anything. I do thoroughly enjoy AM as a mode though and at that time of the year when band conditions are decent I am on AM at least once everyday sometime several times. I check The AM Window even now everyday because I really enjoy it. All I can say is I did spend a lot of time at it and used all three AM rigs, My ARC 5 80m, My Dixie60 and my current favourite the modded No 19 WS which has proved to be the most effective AM rig I own. I don't normaly run a lot of power unless on the DX60 with my homebrew amp (which is only 150W anyway) but normally am under 20 Watts output. I am surprised to say the least and As Larry says probably just lucky. Maybe no one else sent in their logs. I don't know. I know I had a lot more AM contacts that contest then I ever had in the BK or Linc Cundal events. I am pleased but surprised. And prefer just to quietly enjoy it. I am an old SSB Dxer so I am used to busting pileups and getting on and out quickly and am not much of a conversationalist so maybe that helps. I dont know. All I know is I love operating AM on old military gear and it was a fun weekend.
donVe3LYX

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13471. RE: [AWA Group] Tower & Inverted Vee -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-10 14:02:30 UTC
From: Mike Feher
Topic: 13465 Message: 13471

Larry -

You are indeed right. I have forgotten that I posted some of these photos back in November of 2012. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

-----Original Message-----
From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, May 10, 2016 7:29 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Tower & Inverted Vee -

Thanks, Mike.

Some of those images look familiar from when you posted them right after the damage occurred, but the new ones give a clear picture of your current antenna installation.

73,
-Larry/NE1S

Yahoo Groups Links

13472. RE: [AWA Group] Tower & Inverted Vee -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-10 14:04:38 UTC
From: Mike Feher
Topic: 13465 Message: 13472

Thanks Lou. However, it sure looked a lot better at 70 feet than it does now, HI. But, it works adequately for me, so, no complaints. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, May 10, 2016 1:00 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Tower & Inverted Vee -

Wt u hve left is still btr then most, OM.

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup]
<mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2016-05-09 6:32 PM

Subject: [AWA Group] Tower & Inverted Vee -

For years people on here and on the air have been wanting to see pictures of my HF antenna setup before and after the storm. I put the tower up in November of '95 all by myself, with then my 18 year old son being the ground crew. My wife was too scared to even watch me up there. Anyway, it stayed intact for exactly 17 years. I built it to last. I had a pulley on top to lower the Vee in case something ever happened and nothing did. Low and behold along came Sandy at the end of October through early November, and, it still was fine. Then less than a week later we got a terrible north eastern where the rain coming down was ice. Tree limbs were already weakened by Sandy, and now ice laden a lot of them came down. Well, one tree on the edge of my property line in the front yard came smashing down in the middle of the night landing on the leg of the Vee that was supported by a tree close to the street edge, and then there was a big bang. You would think that that #6 solid copper wire would break, or the heavy parachute type cord supporting it to the tree, no, it had to pull the top 25 feet of the tower down right where the top set of guy wires were. Regardless, one of my landscaping guys last summer climbed the tower, even without a belt, and placed the antenna where it is now. BTW, they did take the dangling top section down from the top of my family room back in 2013. OK, by now I am

sure you are bored. If you would like to get more bored, check out the photos in this link. 73 - Mike

www.eozinc.com/Tower

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free.
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13473. Re: [AWA Group] Tower & Inverted Vee -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-10 17:00:52 UTC
From: Larry Szendrei
Topic: 13465 Message: 13473

I was happy for the opportunity to review them all!

On 5/10/16 10:02 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Larry -
>
> You are indeed right. I have forgotten that I posted some of these photos
> back in November of 2012. 73 - Mike
>
> Mike B. Feher, N4FS
> 89 Arnold Blvd.
> Howell, NJ, 07731
> 732-886-5960
>
> -----Original Message-----
> From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> Sent: Tuesday, May 10, 2016 7:29 AM
> To: AWAGroup@yahoogroups.com
> Subject: Re: [AWA Group] Tower & Inverted Vee -
>
> Thanks, Mike.
>
> Some of those images look familiar from when you posted them right
> after the
> damage occurred, but the new ones give a clear picture of your current
> antenna installation.
>
> 73,
> -Larry/NE1S
>

13474. Re: [AWA Group] Winners of AWA "On the air" events for 2015-2016 season

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-10 17:10:45 UTC
From: Larry Szendrei
Topic: 13462 Message: 13474

On 5/10/16 8:43 AM, dulmagedon@... [AWAGroup] wrote:
>
> Maybe no one else sent in their logs. I don't know.
>
That's just it, Don. I'm not out to "win," either, but I have plaques on my wall for getting the high score in 2011, 2013, and 2015. I was one of a very few that sent in their log. I purposely didn't operate with my own callsign for 3 reasons: 1.) I was given the opportunity to activate W2AN on 75M, the most active band, so every opportunity I had to get on the air during the event I operated as W2AN, 2.) I wanted to see someone else take the "prize," and 3.) I don't have any more wall space for plaques!

> I know I had a lot more AM contacts that contest then I ever had in
> the BK or Linc Cundal events. I am pleased but surprised. And prefer
> just to quietly enjoy it.
>
Me, too.

> I am an old SSB Dxer so I am used to busting pileups and getting on
> and out quickly and am not much of a conversationalist so maybe that
> helps. I dont know. All I know is I love operating AM on old military
> gear and it was a fun weekend.
>
I don't do much DX-ing or competitive operating. I tend to just hang out on a frequency while others come and go, but it gives me the opportunity to talk to and log a bunch of stations nonetheless.

73,
-Larry/NE1S

> .
>
>

13475. Re: [AWA Group] Winners of AWA "On the air" events for 2015-2016 season

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-10 17:20:01 UTC
From: dulmagedon@...
Topic: 13462 Message: 13475
Attachments: 1 described; binary payloads are missing from this source WARC

Here is all I have from that event. The XYL took her camera to the downstairs shack and took a photo of me so she could remember who she was married to. I stayed up long after Larry hit the sack. I remember him signing out quite tired. This photo is from that event. No 19 WS I am tuning and you can see the Dixie60 and its deaf cousin HR10B to the left. donVE3LYX

13476. RE: [AWA Group] Winners of AWA "On the air" events for 2015-2016 season

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-10 17:26:24 UTC
From: Mike Feher
Topic: 13462 Message: 13476

That is a great photo Don. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, May 10, 2016 1:20 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Winners of AWA "On the air" events for 2015-2016 season

Here is all I have from that event. The XYL took her camera to the downstairs shack and took a photo of me so she could remember who she was married to. I stayed up long after Larry hit the sack. I remember him signing out quite tired. This photo is from that event. No 19 WS I am tuning and you can see the Dixie60 and its deaf cousin HR10B to the left. donVE3LYX

13477. Re: [AWA Group] Winners of AWA "On the air" events for 2015-2016 season

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-10 17:30:47 UTC
From: Don Dulmage
Topic: 13462 Message: 13477

Well you did a fine job with the W2AN. I know it must have been tiring.
For me , just making the contact is enough. I never used to send in logs (even when SSb Dxing) until AWA sight asked specifically for them and the reason seemed reasonable.
Like I said I really enjoyed it just for the fun as with the CW events as well. Is fun making a QSO with folks you already know from here or another website. In a busy world all we need is a good excuse to do it. These events provide that I think. The contest thing is to me incidental.
donVe3LYX

On Tue, 5/10/16, Larry Szendrei ne1s@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Winners of AWA "On the air" events for 2015-2016 season
To: AWAGroup@yahoogroups.com
Received: Tuesday, May 10, 2016, 1:10 PM

On 5/10/16
8:43 AM, dulmagedon@...
[AWAGroup] wrote:

Maybe no one else sent in their logs. I
don't know.

That's just it, Don. I'm not out to
"win," either, but I have
plaques on my wall for getting the high score in 2011,
2013, and
2015. I was one of a very few that sent in their log. I
purposely
didn't operate with my own callsign for 3 reasons:
1.) I was given
the opportunity to activate W2AN on 75M, the most active
band, so
every opportunity I had to get on the air during the
event I
operated as W2AN, 2.) I wanted to see someone else take
the "prize,"
and 3.) I don't have any more wall space for
plaques!

I know I had a lot more AM contacts that
contest then I
ever had in the BK or Linc Cundal events. I am
pleased but
surprised. And prefer just to quietly enjoy
it.

Me, too.

I am an old SSB Dxer so I am used to busting
pileups and
getting on and out quickly and am not much of
a
conversationalist so maybe that helps. I dont
know. All I
know is I love operating AM on old military
gear and it
was a fun weekend.

I don't do much DX-ing or competitive operating. I
tend to just hang
out on a frequency while others come and go, but it
gives me the
opportunity to talk to and log a bunch of stations
nonetheless.

73,

-Larry/NE1S

.

13478. Looking for.....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-10 17:43:39 UTC
From: Roger Kuchera
Topic: 13478 Message: 13478

Gentlemen, I am looking for a source of #12, round, bus bar. Does any one know where I might purchase sucha commodity?
  As always, Thank You.
Roger/K1TG

13479. Re: [AWA Group] Looking for.....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-10 18:53:13 UTC
From: Leonard Meek
Topic: 13478 Message: 13479

Hardware stores sell #10, #12, and #14 solid hookup wire. Just strip off the insulation and voila! bus wire. Of course, you'll have to tin it yourself, but it shouldn't be too hard. I once made a die with square holes of graduated size and drew #10 wire down to #12 square bus wire. Worked fine, last a long time.

Leonard
.
----- Original Message -----
From: Roger Kuchera rwkuchera@... [AWAGroup]
To: yahoogroups
Sent: Tuesday, May 10, 2016 7:43 AM
Subject: [AWA Group] Looking for.....

Gentlemen,
I am looking for a source of #12, round, bus bar. Does any one know where I might purchase such
a commodity?

As always, Thank You.

Roger/K1TG

13480. Re: [AWA Group] Looking for.....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-10 20:43:31 UTC
From: dulmagedon@...
Topic: 13478 Message: 13480

I buy a small roll of 12/2 house wire. (25ft) Inside is a bare #12 ground wire, a 25 ft length of back insulated solid #12 an a matching white wire. To remove the sheath holding them all together just cut it with a sharpe knife and pull it apart. The bare works great for Busing, The black works great for self supporting coils and antenna outlinks and the white works good for the same in projects that are not pre 1930s and are not in open view. last I bought was about a week and a half ago.
donVe3LYX

13481. Maple Syrup Net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-11 01:23:10 UTC
From: Louis Vermond
Topic: 13356 Message: 13481
Attachments: 1 described; binary payloads are missing from this source WARC

Maple Syrup Net

Also known as the, "Cro Hour"

Wednesday - 3843 Kc. - 8PM - All Modes Welcomed

N3IBX Presiding

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13482. FOI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-12 12:42:59 UTC
From: Louis Vermond
Topic: 13482 Message: 13482

http://www.ebay.com/usr/awa_museum_store

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13483. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-12 23:55:39 UTC
From: Louis Vermond
Topic: 130 Message: 13483

http://www.ebay.com/itm/Pair-New-Unused-1920s-Surface-Mount-4-pin-Tube-Socket-f-Old-Ham-Radio-Audio-Amp-/391452921883?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13484. "vernier"

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-13 10:53:37 UTC
From: Steve Flood
Topic: 13484 Message: 13484
Attachments: 3 described; binary payloads are missing from this source WARC

A foggy morning coffee musing.

Does anyone know the origin of how "vernier" came to be misused with ham radio parts?

I routinely see things like this.

Note there is no vernier scale, so why would a manufacturer call this a 'vernier dial'.

My introduction to 'vernier' came with calipers and theodolites.

It seems at some point 'vernier' became synonymous with 'reduction drive'?

Steve, KK7UV

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13485. Re: "vernier"

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-13 11:06:31 UTC
From: dfaklis@...
Topic: 13484 Message: 13485

Steve, I think it just might be shorthand gone wrong. Vernier dial attached to a reduction drive becomes a "vernier. " Dial then becomes just a knob and the assembly is still a "vernier."

Some people call digital calipers "verniers" or dial calipers!

73, Dean, NW2K

13486. RE: [AWA Group] "vernier"

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-13 11:44:27 UTC
From: Mike Feher
Topic: 13484 Message: 13486
Attachments: 4 described; binary payloads are missing from this source WARC

Steve -

Some "Verniers" actually did have a small band of divisions on the stationary part, especially in some of the early test equipment. This of course as you know allowed for extrapolation of a more accurate reading. I have never thought about it before. While the drive that you show does not have a Vernier scale, Some of the early dials like the National velvet style also had a segment of divisions on the fixed part. Such as this, and could be called a true "Vernier".

I guess the name then just stuck to any planetary drive, even if it did not have the second scale. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, May 13, 2016 6:54 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] "vernier"

A foggy morning coffee musing.

Does anyone know the origin of how "vernier" came to be misused with ham radio parts?

I routinely see things like this.

Note there is no vernier scale, so why would a manufacturer call this a 'vernier dial'.

My introduction to 'vernier' came with calipers and theodolites.

It seems at some point 'vernier' became synonymous with 'reduction drive'?

Steve, KK7UV

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient&utm_term=icon>

Virus-free.
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient&utm_term=link> www.avast.com

13487. eBay Alert P-P TNT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-13 11:54:51 UTC
From: Louis Vermond
Topic: 13487 Message: 13487

http://www.ebay.com/itm/VINTAGE-HAM-RADIO-MAGAZINE-QST-NOVEMBER-1930-BY-ARRL-/252387689305
?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13488. Re: [AWA Group] "vernier"

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-13 11:56:41 UTC
From: Louis Vermond
Topic: 13484 Message: 13488
Attachments: 3 described; binary payloads are missing from this source WARC

YS...u need a holiday.

A foggy morning coffee musing.

Does anyone know the origin of how "vernier" came to be misused with ham radio parts?

I routinely see things like this.

Note there is no vernier scale, so why would a manufacturer call this a 'vernier dial'.

My introduction to 'vernier' came with calipers and theodolites.

It seems at some point 'vernier' became synonymous with 'reduction drive'?

Steve, KK7UV

Virus-free. www.avast.com

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13489. RE: [AWA Group] "vernier"

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-13 11:58:31 UTC
From: Edward Gable
Topic: 13484 Message: 13489
Attachments: 3 described; binary payloads are missing from this source WARC

It is a foggy morning here, too. The term Vernier was used in early radio circles differently than by machinists obtaining accurate measurements with calipers of the day. In radio the term was use more often to describe reduction tuning where five turns of a dial would cause one full term of the adjustable element. I just happened to have a 1923 Radio News magazine sitting here and in just a minute or two easily found the term Vernier used a dozen times when describing reduction tuning. So I guess you can name the marketing departments all jumping on the band wagon to supply the latest fad in the fad filled world of early radio.

Ed Gable K2MP/W2AN
Antique Wireless Museum

A foggy morning coffee musing.

Does anyone know the origin of how "vernier" came to be misused with ham radio parts?

I routinely see things like this.

Note there is no vernier scale, so why would a manufacturer call this a 'vernier dial'.

My introduction to 'vernier' came with calipers and theodolites.

It seems at some point 'vernier' became synonymous with 'reduction drive'?

Steve, KK7UV

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13490. RE: [AWA Group] "vernier"

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-14 01:19:14 UTC
From: dulmagedon@...
Topic: 13484 Message: 13490

Well it is just a persons last name who developed the idea. Mons. Vernier and beside we dont even say it right.
Although no scale then tis simply a reduction drive. You sure you guys were drinkin coffee? 80m Radio is pretty good early mornings.
donVe3LYx

13491. Re: [AWA Group] "vernier"

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-14 04:29:18 UTC
From: Michael Bittner
Topic: 13484 Message: 13491

The 1938 ARRL Handbook's catalog section shows National Type NW and Type N dials. Both have reduction drives and true "verniers" that are a type of dial index that allows accurate interpolation between graduation marks on the dial. The Type NW dial has a peripheral friction drive while the Type N dial has a planetary drive that National trade marked as a "Velvet Vernier" drive. Since the Type N dial has both the vernier dial index and the planetary reduction drive combined in the same device, and is named "Velvet Vernier" it is easy see how thereafter, just about all other dials with reduction drives came be called verniers. Even the National Type A dial, which has the planetary drive but has no vernier index is called a "Velvet Vernier" dial in the National ads.
Mike, W6MAB

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Friday, May 13, 2016 6:19 PM
Subject: RE: [AWA Group] "vernier"

Well it is just a persons last name who developed the idea. Mons. Vernier and beside we dont even say it right.
Although no scale then tis simply a reduction drive. You sure you guys were drinkin coffee? 80m Radio is pretty good early mornings.
donVe3LYx

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13492. RE: [AWA Group] "vernier"

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-14 14:14:44 UTC
From: Mike Feher
Topic: 13484 Message: 13492
Attachments: 3 described; binary payloads are missing from this source WARC

Steve -

Well, you got a lot of answers. Seems some do not read previous posts and just repeat the same info. Just wanted to mention that I too worked with theodolites. My very first week of college I took a job with Traveler's Research Center back in September of '65. We were making atmospheric diffusion measurement testing. We used to send up helium filled real large balloons that had a light attached to the bottom. We followed, and recorded the path of the balloons using theodolites. I did this for about six months before starting to work for a transformer manufacturing company. Since someone had to pay for my college education and there were no other volunteers I had to do it full time throughout. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, May 13, 2016 6:54 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] "vernier"

A foggy morning coffee musing.

Does anyone know the origin of how "vernier" came to be misused with ham radio parts?

I routinely see things like this.

Note there is no vernier scale, so why would a manufacturer call this a 'vernier dial'.

My introduction to 'vernier' came with calipers and theodolites.

It seems at some point 'vernier' became synonymous with 'reduction drive'?

Steve, KK7UV

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13493. Re: [AWA Group] "vernier"

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-14 15:52:45 UTC
From: Louis Vermond
Topic: 13484 Message: 13493

transformer manufacturing company... Which co., Mike?

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13494. RE: [AWA Group] "vernier"

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-14 16:13:43 UTC
From: Mike Feher
Topic: 13484 Message: 13494

Ballastron, in Fort Wayne, IN. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, May 14, 2016 11:53 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] "vernier"

transformer manufacturing company... Which co., Mike?

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gn=sig-email&utm_content=emailclient>

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gn=sig-email&utm_content=emailclient> www.avast.com

13495. Re: [AWA Group] "vernier"

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-14 16:55:24 UTC
From: Louis Vermond
Topic: 13484 Message: 13495

Ballastron, in Fort Wayne, IN. Thank you, Mike. Lou

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https://www.avast.com/antivirus

13496. Early transmitter grid leaks

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-14 19:12:38 UTC
From: Andrew Flowers
Topic: 13496 Message: 13496

Here's a technological history question that some of you folks may be able to answer for me:

What kind of resistors did people use for grid biasing in CW transmitters during and in the following years after WWI and who made them?

Most of the schematics I've seen use the familiar grid-leak resistor in parallel with a capacitor (or a resistor-plus-RFC in parallel with the tank coil) for bias, but I'm struggling to understand what components were actually available for the leak resistor. The RCA UP-1718 and UP-1719 (forgive me if I've botched the model numbers--I'm away from the house and trying to do this from memory) were specifically designed for biasing the UV-202 and UV-203 transmitting circuits. The RCA parts are large (5 inches or longer) tubular wire-wound affairs. Around 1924 I start seeing adds in the radio magazines for the non-inductive resistances. I'm guessing that the wire-wound resistors started causing problems as people moved to the short waves and there was a market for a different technology.

Surley RCA wasn't the only game in town for grid resistors, but it found it surprisingly hard to locate resistors manufactured circa 1920-23 with values large enough for a TX grid leak (say, 5-20K). Maybe I'm not looking in the right places or for the right things. Maybe there wasn't much of a market for resistors in the range....that's what I'm trying to understand.

So, what kind of bias resistors did hams use in their CW oscillators in the early 20's and who made them? I see the "non-inductive" resistors (e.g., Crescent Lavite) being marketed in 1924, and I wonder if this had something to do with problems of stray reactance with the wire wound technology. Anyway, I'm interested to hear from people more knowledgable on the subject!

Thanks,
Andy K0SM/2

13497. Re: [AWA Group] Early transmitter grid leaks

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-14 20:30:14 UTC
From: Louis Vermond
Topic: 13496 Message: 13497

Crescent Lavite being marketed in 1924... You are questing regarding early 1920s, but if you are also looking for a GL for your '24 rig, I have Lavites...cheap. Lou

---
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13498. eBay Super Wasp Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-14 20:33:03 UTC
From: Louis Vermond
Topic: 13498 Message: 13498

http://www.ebay.ca/sch/forjack842/m.html?item=141993123307&rt=nc&_trksid=p2047675.l2562

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13499. SW-3 coil clone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-14 22:15:30 UTC
From: Louis Vermond
Topic: 13499 Message: 13499
Attachments: 2 described; binary payloads are missing from this source WARC

Hi,

What is the name of the fellow that made this SW-3 coil clone? I understand that he is now an SK. Tks, Lou

---
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13500. RE: [AWA Group] SW-3 coil clone [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-14 23:43:46 UTC
From: Mike Feher
Topic: 13499 Message: 13500

Jim Fred - he was a real gentleman. - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, May 14, 2016 6:16 PM
To: AWAGroup
Subject: [AWA Group] SW-3 coil clone [2 Attachments]

Hi,

What is the name of the fellow that made this SW-3 coil clone? I understand that he is now an SK. Tks, Lou

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13501. Re: [AWA Group] SW-3 coil clone [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-15 00:44:03 UTC
From: N3IBX
Topic: 13499 Message: 13501

Hello Lou,
? ? ? ? ? ? ? ?I forget his name but it was a older gentleman somewhere in Iowa I believe. I think he's been a SK for a while now. He used to get $6 for a blank SW-3 coil form, but that was then and this is now.?

I "think" that a place called "Ocean State Electronics" in Rhode Island is still selling SW-3 coil forms, but there may be others as well. If?I discover another source I'll let you know.?

\If you're stuck for one or maybe two I may have an "in" with the SW-3 coil fairy. Let me know.

Best regards,
Joe N3IBX

?
On 05/14/16, 'Louis Vermond' ldvermond@... [AWAGroup] wrote:
?
?

Hi,
?
What is the name of the fellow that made this SW-3 coil clone? I understand that he is now an SK. Tks, Lou
?
?

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13502. RE: [AWA Group] SW-3 coil clone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-15 00:47:00 UTC
From: Mike Feher
Topic: 13499 Message: 13502

Joe –

Did you read my answer? It was Jim Fred. – 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, May 14, 2016 8:44 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] SW-3 coil clone

Hello Lou,

I forget his name but it was a older gentleman somewhere in Iowa I believe. I think he's been a SK for a while now. He used to get $6 for a blank SW-3 coil form, but that was then and this is now.

I "think" that a place called "Ocean State Electronics" in Rhode Island is still selling SW-3 coil forms, but there may be others as well. If I discover another source I'll let you know.

\If you're stuck for one or maybe two I may have an "in" with the SW-3 coil fairy. Let me know.

Best regards,

Joe N3IBX

On 05/14/16, 'Louis Vermond' ldvermond@... [AWAGroup]<AWAGroup@yahoogroups.com> wrote:

Hi,

What is the name of the fellow that made this SW-3 coil clone? I understand that he is now an SK. Tks, Lou

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13503. Re: [AWA Group] SW-3 coil clone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-15 01:36:13 UTC
From: Steve
Topic: 13499 Message: 13503

> I "think" that a place called "Ocean State Electronics" in Rhode Island is
> still selling SW-3 coil forms, but there may be others as well. If I
> discover another source I'll let you know.

they've been gone for years but left their website up

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

13504. RE: [AWA Group] SW-3 coil clone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-15 01:47:26 UTC
From: Mike Feher
Topic: 13499 Message: 13504

Google Jim Fred and SW-3. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, May 14, 2016 9:36 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] SW-3 coil clone

> I "think" that a place called "Ocean State Electronics" in Rhode Island is
> still selling SW-3 coil forms, but there may be others as well. If I
> discover another source I'll let you know.

they've been gone for years but left their website up

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

13505. Re: RE: [AWA Group] SW-3 coil clone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-15 02:17:36 UTC
From: N3IBX
Topic: 13499 Message: 13505

Greetings Mike,
? ? ? ? ? ? ?; ? ? ? ? ? ? FBOM.
? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? Joe N3IBX?
?
?
On 05/14/16, 'Mike Feher' n4fs@... [AWAGroup] wrote:
?
?;

Joe –
?
Did you read my answer? It was Jim Fred. – 73 – Mike
?
Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960
?
From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, May 14, 2016 8:44 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] SW-3 coil clone

?
Hello Lou,
? ? ? ? ? ? ? ?I forget his name but it was a older gentleman somewhere in Iowa I believe. I think he's been a SK for a while now. He used to get $6 for a blank SW-3 coil form, but that was then and this is now.?
?
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?
Best regards,
Joe N3IBX
?
?
On 05/14/16, 'Louis Vermond' ldvermond@... [AWAGroup]<AWAGroup@yahoogroups.com> wrote:
?
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an SK. Tks, Lou
?
?
?
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13506. Jim Fred -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-15 03:14:27 UTC
From: Mike Feher
Topic: 13506 Message: 13506

Guys - this was the original question:

Hi,

What is the name of the fellow that made this SW-3 coil clone? I understand that he is now an SK. Tks, Lou

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

13507. Re: [AWA Group] Jim Fred -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-15 03:34:53 UTC
From: Louis Vermond
Topic: 13506 Message: 13507

Thank you all. I did not expect all the ruckus. I have several of the forms (not coils), just wanted some background on them.

I'm covered as you see Mike, but tks.

Snow forecast tonight. Poor tulips.

GN, Lou

Guys - this was the original question:

Hi,

What is the name of the fellow that made this SW-3 coil clone? I understand that he is now an SK. Tks, Lou

Mike B. Feher, N4F

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13508. Re: [AWA Group] SW-3 coil clone [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-15 04:07:07 UTC
From: Roger Kuchera
Topic: 13499 Message: 13508

His name was Jim Fred. He is a SK. Be careful using the clones as they were a fabric-basedPhenolic.
Roger/K1TG

On Saturday, May 14, 2016 6:14 PM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv4842405703 #yiv4842405703 .yiv4842405703ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv4842405703 div.yiv4842405703ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv4842405703 div.yiv4842405703photo-title a, #yiv4842405703 div.yiv4842405703photo-title a:active, #yiv4842405703 div.yiv4842405703photo-title a:hover, #yiv4842405703 div.yiv4842405703photo-title a:visited {text-decoration:none;}#yiv4842405703 div.yiv4842405703attach-table div.yiv4842405703attach-row {clear:both;}#yiv4842405703 div.yiv4842405703attach-table div.yiv4842405703attach-row div {float:left;}#yiv4842405703 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv4842405703 div.yiv4842405703ygrp-file {width:30px;}#yiv4842405703 div.yiv4842405703attach-table div.yiv4842405703attach-row div div a {text-decoration:none;}#yiv4842405703 div.yiv4842405703attach-table div.yiv4842405703attach-row div div span {font-weight:normal;}#yiv4842405703 div.yiv4842405703ygrp-file-title {font-weight:bold;}#yiv4842405703 -->

Hi, What is the name of the fellow that made this SW-3 coil clone? I understand that he is now an SK. Tks, Lou

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13509. Re: [AWA Group] SW-3 coil clone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-15 20:22:25 UTC
From: Louis Vermond
Topic: 13499 Message: 13509

Thank you, Roger.

... they were a fabric-based Phenolic. The pin "slugs" are.

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13510. Re: [AWA Group] SW-3 coil clone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-15 20:26:02 UTC
From: Louis Vermond
Topic: 13499 Message: 13510

Jim Fred - he was a real gentleman. - Mike I 'phoned Jim years ago about something or other. I mentioned that he was a hero to the radio SW-3ers. He was first surprised and then pleased. Lou

Jim Fred - he was a real gentleman. - Mike

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https://www.avast.com/antivirus

13511. Re: [AWA Group] SW-3 coil clone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-15 20:38:43 UTC
From: Roger Kuchera
Topic: 13499 Message: 13511

Hi Lou, I found, in general, that they need extra turns on the tickler windings. The original SW-3 forms used aMica-filled Phenolic called R-39. The R-39 coils have a higher Q. I bought and used a number of themfrom Mr. Fred when he was alive. If memory serves me, he said the fabric base was Canvas.
Roger.

On Sunday, May 15, 2016 4:24 PM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv6373168478 #yiv6373168478 .yiv6373168478ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv6373168478 div.yiv6373168478ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv6373168478 div.yiv6373168478photo-title a, #yiv6373168478 div.yiv6373168478photo-title a:active, #yiv6373168478 div.yiv6373168478photo-title a:hover, #yiv6373168478 div.yiv6373168478photo-title a:visited {text-decoration:none;}#yiv6373168478 div.yiv6373168478attach-table div.yiv6373168478attach-row {clear:both;}#yiv6373168478 div.yiv6373168478attach-table div.yiv6373168478attach-row div {float:left;}#yiv6373168478 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv6373168478 div.yiv6373168478ygrp-file {width:30px;}#yiv6373168478 div.yiv6373168478attach-table div.yiv6373168478attach-row div div a {text-decoration:none;}#yiv6373168478 div.yiv6373168478attach-table div.yiv6373168478attach-row div div span {font-weight:normal;}#yiv6373168478 div.yiv6373168478ygrp-file-title {font-weight:bold;}#yiv6373168478 -->

Jim Fred – he was a real gentleman. – Mike

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13512. Re: [AWA Group] SW-3 coil clone

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-15 22:15:32 UTC
From: Louis Vermond
Topic: 13499 Message: 13512

Noted. Tks 1TG...

Hi Lou,
I found, in general, that they need extra turns on the tickler windings. The original SW-3 forms used a
Mica-filled Phenolic called R-39. The R-39 coils have a higher Q. I bought and used a number of them
from Mr. Fred when he was alive. If memory serves me, he said the fabric base was Canvas.

Roger.

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13513. eBay Alert You might find something usefull here

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-16 11:01:38 UTC
From: Louis Vermond
Topic: 13513 Message: 13513

http://www.ebay.com/sch/k8pyd/m.html?item=371628626128&rt=nc&_trksid=p2047675.l2562

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13514. LOW POWER TRANSMISSION 1924

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-18 10:26:44 UTC
From: Louis Vermond
Topic: 13514 Message: 13514

"Monsieur Perroux (813V) has reported that he has succeeded in being heard in England by 5KO whilst using only oo3 watt input, with 3.5 volts on 1 filament, instead of the normal 5.6 volts. He is shortly going to attempt to reach England with an oscillating regenerative receiving circuit."

GM,

Has anyone here had a QSO in this manor?

Lou

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13515. Re: LOW POWER TRANSMISSION 1924

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-18 12:08:40 UTC
From: dulmagedon@...
Topic: 13514 Message: 13515

If from France to England maybe on a real good day with an awful lot of luck as it isnt very far.(maybe 35 miles or so. We could ry St Pierre Island to Nova Scotia which would be France to Canada and also not far. However I am from experience somewhat suspicious of some such claims. I have several rigs in the 1 watt range and many of them have never had a contact.
As far as using a regen circuit, there is no significant difference between a transmitter circuit and a regen circuit other then earphones and plate voltage applied. I have built a regen with a switch to bypass resistor, regen pot and phones which allowed ti to transmit It was hartley based which is the easiest. I did get a report on that one so it can be done. My birdhouse regen transmits too simply by going from 68 volts to 120 volts so that I can handle. However I am very suspicious of claims by QRPers who worked 1500 miles+ on 500ma never mind 50 miles on 3ma. My experience has been from both QTHs that I need about 3 watts to do anything. At least on 40m and 80M. If anyone else has the magic secret please share it. And that means actually done it not "know how it should be done."
I have been going through some of my homebrew stuff scrapping some that even thoigh they worked did not meet a reasonable performance level I want or are too wonky. My 45 TNt is one that is going to become something else and I am just not thrilled with its manners even though it has worked for a lot of years I think I can do better. Today i have fitted the 210 tbe into one of my orange craterigs and want to see how it erfoms on 40m (7063 kcs i my tune up) I will be trying it this morning as soon as 40m becomes viable. (9:30 to10:00 after 80M crapes out) Any ears would be appreciated.
I do pretty well on low power as the AWA event was run almost exclusively with the No 19 which is not a powerful rig in any way for AM ops so moderate power I am used to using. However I am open to any ways to make successful QSOs at Low power. Interesting subject.
I keep thinking was that Hercule Perroux the fictional Belgium detective? ;<)

13516. Re: [AWA Group] Re: LOW POWER TRANSMISSION 1924

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-18 12:45:10 UTC
From: aflowers@frontiernet.net
Topic: 13514 Message: 13516

Lou,
I find nothing too surprising about communicating with a few mW input. When I worked on you on 40m with my Hartley at around 4W input I think you said I was peaking at S8. If you figure a stingy 5dB/S-unit on your meter that means I would be S2 with a whopping 4 mW input (-30dB). That may or may not be above your noise floor, but on 40m during the day it stands a good chance that it is, and it almost certainly was in the gentrified countryside of 1920's England. We're about 150 miles apart.
I when I get to that point, I was thinking of running the 202 filaments on slightly lower voltage as a way of staying under the BK power limit while preserving the remaining tube life. With pure tungsten filaments there's no cathode poisoning and there's no rare-earth doping that needs to constantly be boiled up by the heat. So I understand...
Andy K0SM/2

On Wednesday, May 18, 2016 8:09 AM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  If from France to England maybe on a real good day with an awful lot of luck as it isnt very far.(maybe 35 miles or so. We could ry St Pierre Island to Nova Scotia which would be France to Canada and also not far. However I am from experience somewhat suspicious of some such claims. I have several rigs in the 1 watt range and many of them have never had a contact.
As far as using a regen circuit, there is no significant difference between a transmitter circuit and a regen circuit other then earphones and plate voltage applied. I have built a regen with a switch to bypass resistor, regen pot and phones which allowed ti to transmit It was hartley based which is the easiest. I did get a report on that one so it can be done. My birdhouse regen transmits too simply by going from 68 volts to 120 volts so that I can handle. However I am very suspicious of claims by QRPers who worked 1500 miles+ on 500ma never mind 50 miles on 3ma. My experience has been from both QTHs that I need about 3 watts to do anything. At least on 40m and 80M. If anyone else has the magic secret please share it. And that means actually done it not "know how it should be done."
I have been going through some of my homebrew stuff scrapping some that even thoigh they worked did not meet a reasonable performance level I want or are too wonky. My 45 TNt is one that is going to become something else and I am just not thrilled with its manners even though it has worked for a lot of years I think I can do better. Today i have fitted the 210 tbe into one of my orange craterigs and want to see how it erfoms on 40m (7063 kcs i my tune up) I will be trying it this morning as soon as 40m becomes viable. (9:30 to10:00 after 80M crapes out) Any ears would be appreciated.
I do pretty well on low power as the AWA event was run almost exclusively with the No 19 which is not a powerful rig in any way for AM ops so moderate power I am used to using. However I am open to any ways to make successful QSOs at Low power. Interesting subject.
I keep thinking was that Hercule Perroux the fictional Belgium detective? ;<)

13517. Re: [AWA Group] Re: LOW POWER TRANSMISSION 1924

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-18 13:08:53 UTC
From: Louis Vermond
Topic: 13514 Message: 13517

Don,

GM.

However I am from experience somewhat suspicious of some such claims. I have several rigs in the 1 watt range and many of them have never had a contact. I have a 50* miliW 80 rig. I was 329 into Maine.

*True measurement

GM Andy,

I find nothing too surprising about communicating with a few mW input. ......We're about 150 miles apart. My AW-2 is on the bench now. I'll key both the antenna and B- to see if that aspect is workable. Let you know.

I was thinking of running the 202 filaments on slightly lower voltage as a way of staying under the BK power limit ..... You've mentioned several means of staying within the Legal Limit, but not the most used. That is, reducing the aerial link coupling... or have I missed something?

Beautiful day.

Lou

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13518. Re: [AWA Group] Re: LOW POWER TRANSMISSION 1924

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-18 14:05:36 UTC
From: N1BUG
Topic: 13514 Message: 13518

Hi,

I have not been following this entire thread (nor any for a while) but it caught my eye just now. Ultra low power contacts are real. It has been done. It can be done.

Back in 2004/2005, N2XE was running some very low power beacon experiments on 160 meters. I was able to copy his beacon at a distance of 351 miles while it was running 250 microwatts output into a simple inverted L antenna. I was using only a simple inverted V at the time. W4ZV was able to hear it at 548 miles using a Beverage antenna.

I am uncertain of all the details but while reviewing briefly for this post I found a report that W4ZV copied the N2XE beacon on 80 meters at 40 microwatts. For all I know there may have been even greater achievements in the series of tests. I don't have time to review in depth right now. A thorough search of the TopBand list archives should turn up more facts.

73,
Paul N1UG

13519. Re: [AWA Group] Re: LOW POWER TRANSMISSION 1924

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-18 16:41:56 UTC
From: dulmagedon@...
Topic: 13514 Message: 13519

But have any of you, by that I mean us actually done it? built a under a att rig nd worked or are we just repeating what we have heard, think or read.
4 Watts I have no trouble with and have some experience with. .003W? I am very skeptical. The hlf would only be down X DB stuff doesnt touch me. I know only too well when a extra bit of punch would be the difference between a QSO and no QSO. Been there too many times. Noise and atmospheric conditions don't know about mathematics. And you have to be above the noise which can be a problem these days. Joe and I talked once about putting our GDOs on the air just to see. And even we optimists knew it would be very iffy. So instead of I have been told or I think or B =9 over 7 etc I propose we actually build some flea power stuff and try it. If it works I may put a VFO on my SUV's key fob and add a tuned areial and work some DX. Heck we can sometimes barely hear each other on the MSN with 100 watts + . The UV 199 has that kind of miniscule power. I KNOW no one is going to hear it so I haven't bothered. I have a micronaut sort of I built with well over a watt out on 3.56kcs. It has yet to make a contact after a year of trying. As I said experience has simply not convinced my these exceptional deals can work. However nothing would be more fun if it could be pulled off. So if anyone actually as one under a watt even Give us a freq and we will see what we can hear. I am curious but very skeptical.
DonVE3LYX

13520. Re: [AWA Group] Re: LOW POWER TRANSMISSION 1924

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-18 19:59:27 UTC
From: w0vlz@...
Topic: 13514 Message: 13520

Don, based on the Reverse Beacon Network my 40 mtr 1 watt transmitter is being heard over most of the US. See https://3.bp.blogspot.com/-1uu20oIqwuU/VvOlx0n03TI/AAAAAAAAA8Y/jifEwYmdQiEBKVnpMRtVUYdM5r6NqXcSQ/s1600/3S4x2RevBeaconNetwk.JPG https://3.bp.blogspot.com/-1uu20oIqwuU/VvOlx0n03TI/AAAAAAAAA8Y/jifEwYmdQiEBKVnpMRtVUYdM5r6NqXcSQ/s1600/3S4x2RevBeaconNetwk.JPG and http://w0vlz.blogspot.com/search/label/3S4%20QRP%20Transmitter http://w0vlz.blogspot.com/search/label/3S4%20QRP%20Transmitter I got a 559 from W3BBO in Eric, PA.

My antenna is nothing to write home about... 90' endfed wire, 10-15' off the ground arranged as an inverted L.

Tomorrow/Thursday evening I plan to be on 3560 at 9PM CDT. 73, Niel

https://3.bp.blogspot.com/-1uu20oIqwuU/VvOlx0n03TI/AAAAAAAAA8Y/jifEwYmdQiEBKVnpMRtVUYdM5r6NqXcSQ/s1600/3S4x2RevBeaconNetwk.JPG

https://3.bp.blogspot.com/-1uu20oIqwuU/VvOlx0n03... https://3.bp.blogspot.com/-1uu20oIqwuU/VvOlx0n03TI/AAAAAAAAA8Y/jifEwYmdQiEBKVnpMRtVUYdM5r6NqXcSQ/s1600/3S4x2RevBeaconNetwk.JPG

View on 3.bp.blogspot.com https://3.bp.blogspot.com/-1uu20oIqwuU/VvOlx0n03TI/AAAAAAAAA8Y/jifEwYmdQiEBKVnpMRtVUYdM5r6NqXcSQ/s1600/3S4x2RevBeaconNetwk.JPG
Preview by Yahoo

13521. Re: [AWA Group] Re: LOW POWER TRANSMISSION 1924

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-18 21:41:19 UTC
From: dulmagedon@...
Topic: 13514 Message: 13521

Well I know you do do well Neil. For a moment today I even thought I heard you faintly on or about 7063kcs.
Maybe I will hook up the low power 80m rig (3560kcs) and hammer it everytime I am sitting nearby. Mind you tis not the best time of year anyway however occasionally I do hear some good stuff.we at the very least I would like to get better at it. I have the best luck with my No 19 on AM. Do well on Cw during AWA events or if Lou is testing or playing. If Paul (BUG)is on I look forward to getting an answer as he seems to have exceptional skill at digging out signals. I have made a few QRP low power rigs both SS and tube but the ones around a watt or so are still QSOless so far. I have two antennas and both seem to work well with everything else. What the secret is I would like to figure out.
Been thinking of building Weskit BN-1 clone or finding an old one. So it is not tht I don't have desire to operate that kind of stuff. I have just had no luck at it so eventually began to wonder out loud is it real?
donVE3LYX.
BTW I often check you out on RBN just to see how things are. You are one of my saved searches.

13522. Re: [AWA Group] Re: LOW POWER TRANSMISSION 1924

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-18 21:59:23 UTC
From: prestonclark67@...
Topic: 13514 Message: 13522

I'm amazed at what small power makes want to learn code. And build a code rig

73
Preston

13523. Re: [AWA Group] Re: LOW POWER TRANSMISSION 1924

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-18 22:05:41 UTC
From: aflowers@frontiernet.net
Topic: 13514 Message: 13523

I did work someone on 20m *sideband* a 10dBm exciter stage in an FT-840 that I modified for a transverter use. It was probably on 15 meters. I was in Nebraska and worked one of the big W7 contesters.
Another interesting datapoint, I was operating a fairly large contest station a few years ago and someone complained of a spur about 700Hz below the fundamental CW signal. With the help of a spectrum analyzer we found that indeed there was a spur about -64dB down. At 1500W of fundamental power was enough to cause complaints on a crowded band. That ~1mW signal was enough to cause problems when radiated into a 1/4 vertical. (We changed radios.) Interestingly, the QST review actually showed this spur in the PN spectrum.
Andy K0SM/2

On Wednesday, May 18, 2016 5:41 PM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  Well I know you do do well Neil. For a moment today I even thought I heard you faintly on or about 7063kcs.
Maybe I will hook up the low power 80m rig (3560kcs) and hammer it everytime I am sitting nearby. Mind you tis not the best time of year anyway however occasionally I do hear some good stuff.we at the very least I would like to get better at it. I have the best luck with my No 19 on AM. Do well on Cw during AWA events or if Lou is testing or playing. If Paul (BUG)is on I look forward to getting an answer as he seems to have exceptional skill at digging out signals. I have made a few QRP low power rigs both SS and tube but the ones around a watt or so are still QSOless so far. I have two antennas and both seem to work well with everything else. What the secret is I would like to figure out.
Been thinking of building Weskit BN-1 clone or finding an old one. So it is not tht I don't have desire to operate that kind of stuff. I have just had no luck at it so eventually began to wonder out loud is it real?
donVE3LYX.
BTW I often check you out on RBN just to see how things are. You are one of my saved searches.

13524. Re: [AWA Group] Re: LOW POWER TRANSMISSION 1924

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-18 22:51:39 UTC
From: N1BUG
Topic: 13514 Message: 13524

Well if I can copy a 250 microwatt beacon (.00025 watt) I can certainly QSO a station running the same power and antenna. Just plug in a key and put an operator behind it. The lowest power I have ever tried to use on the air was 250 milliwatts (.25 watt), which is very high power for this discussion as I think I understood it (the discussion). On 40 meters it was very easy to CQ and get QSOs with that.

I'm not usually a guy who enjoys low power operating but f I had more time and if the fun hadn't completely gone out of building I would brew up some simple flea power thing with a milliwatt or two and get a QSO with it.

73,
Paul N1BUG

13525. Re: [AWA Group] Re: LOW POWER TRANSMISSION 1924

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-19 00:02:02 UTC
From: prestonclark67@...
Topic: 13514 Message: 13525

How do you measure wattage that low

13526. Re: [AWA Group] Re: LOW POWER TRANSMISSION 1924

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-19 01:51:46 UTC
From: Louis Vermond
Topic: 13514 Message: 13526
Attachments: 1 described; binary payloads are missing from this source WARC

if the fun hadn't completely gone out of building....

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13527. LOW POWER TRANSMISSION & Preston

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-19 02:06:25 UTC
From: Louis Vermond
Topic: 13527 Message: 13527
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.ca/itm/Unusual-Signal-Electric-Mfg-Co-Telegraph-Key-Adjustable-Sounder-Relay-/301956991547?hash=item464e0a0a3b:g:R24AAOSw8vZXN62Z

I'm amazed at what small power makes want to learn code. And build a code rig
You're in luck, Preston!

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13528. RE: [AWA Group] LOW POWER TRANSMISSION & Preston

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-19 02:10:11 UTC
From: Mike Feher
Topic: 13527 Message: 13528
Attachments: 1 described; binary payloads are missing from this source WARC

Of course this is a CPO. – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, May 18, 2016 10:06 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] LOW POWER TRANSMISSION & Preston

□

<http://www.ebay.ca/itm/Unusual-Signal-Electric-Mfg-Co-Telegraph-Key-Adjustable-Sounder-Relay-/301956991547?hash=item464e0a0a3b:g:R24AAOSw8vZXN62Z> http://www.ebay.ca/itm/Unusual-Signal-Electric-Mfg-Co-Telegraph-Key-Adjustable-Sounder-Relay-/301956991547?hash=item464e0a0a3b:g:R24AAOSw8vZXN62Z

I'm amazed at what small power makes want to learn code. And build a code rig

You're in luck, Preston!

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13529. Re: [AWA Group] LOW POWER TRANSMISSION & Preston

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-19 02:14:33 UTC
From: Louis Vermond
Topic: 13527 Message: 13529

Of course this is a CPO. - Mike Thaaaat's right! GN Guys.

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13530. RE: [AWA Group] LOW POWER TRANSMISSION & Preston

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-19 02:18:20 UTC
From: Mike Feher
Topic: 13527 Message: 13530

I would suggest something a little more modern just to learn CW. I bought some vintage Heathkit units for my grandkids. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, May 18, 2016 10:15 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] LOW POWER TRANSMISSION & Preston

☐

Of course this is a CPO. – Mike Thaaaat's right! GN Guys.

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13531. Re: [AWA Group] Re: LOW POWER TRANSMISSION 1924

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-19 02:19:33 UTC
From: dulmagedon@...
Topic: 13514 Message: 13531

If anyone is into this and does whip something up I am interested. I spent about an hour running my 1 watter on 3560 tonight. Just qrted now. Also tried checking into the net and almost made it till someone told Joe there was no station as he had SDR etc etc so and knew for a fact there was nothing there. After the net closed I talked to the boys in Mass and exchanged S9s. I could copy Joe but just .
DonVe3LYX

13532. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-19 11:33:46 UTC
From: Louis Vermond
Topic: 130 Message: 13532

http://www.ebay.com/itm/KNIGHT-KIT-ALLIED-RADIO-OCEAN-HOPPER-COILS-transmitter-antique-space-spanner-/301960374076?

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https://www.avast.com/antivirus

13533. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-19 15:11:48 UTC
From: Mike Feher
Topic: 130 Message: 13533

I noticed those earlier this AM. The last set of 5 OH coils went for around $250 (amazing). There is also a complete OH on eBay with all coils now. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, May 19, 2016 7:34 AM
To: AWAGroup
Subject: [AWA Group] eBay Alert

<http://www.ebay.com/itm/KNIGHT-KIT-ALLIED-RADIO-OCEAN-HOPPER-COILS-transmitter-antique-space-spanner-/301960374076>
http://www.ebay.com/itm/KNIGHT-KIT-ALLIED-RADIO-OCEAN-HOPPER-COILS-transmitter-antique-space-spanner-/301960374076?

_____

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13534. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-19 15:48:10 UTC
From: Louis Vermond
Topic: 130 Message: 13534

http://www.ebay.com/itm/Two-Tube-Detector-Amplifier-panel-for-the-BC-14A-Crystal-Set-/141994579826?hash=item210f895772:g:KqsAAOSwdV1XOTgY

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13535. Weskit Bn-1

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-19 19:00:11 UTC
From: dulmagedon@...
Topic: 13535 Message: 13535

Me i would like to find Weskit BN-1. Had thought of cloning but would like an original. reason? There is no reason son. Just company policy! Somewhere I have a schematic.
donVE3LYX
BTW checked out the Ocean Hopper on Ebay.. Would be neat to have but I couldnt handle that much wallet pain. Someone though will get a very neat vintage radio!
donVe3LYX
(Sending on 3560 at every oppourtunity About 1 watt)

13536. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-20 23:52:35 UTC
From: Louis Vermond
Topic: 130 Message: 13536

http://www.ebay.com/itm/Build-It-1947-Popular-Mechanics-5-Band-Ham-Transmitter-Blueprint-Instructions/162070824389?_trksid=p999999.c100623.m-1&_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D20160323102634%26meid%3Db685dd77819840f3b8f6da3786f0d96d%26pid%3D100623%26rk%3D1%26rkt%3D6%26sd%3D322109814263

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13537. Re: [AWA Group] Re: LOW POWER TRANSMISSION 1924

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-21 02:08:33 UTC
From: dulmagedon@...
Topic: 13514 Message: 13537

Well i am still not convinced it is practical but I am on air right now withthe 1 watter. band is open and quiet
so conditions are decent. Will stay at it for atleadst an hour off and on. Same freq a crystal is hard wired in.
donVe3LYX

13538. Re: [AWA Group] Re: LOW POWER TRANSMISSION 1924

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-21 02:55:31 UTC
From: aflowers@frontiernet.net
Topic: 13514 Message: 13538

Hang on Don. You're Q5 here....just need to get the radio connected...
Andy K0SM/2

On Friday, May 20, 2016 10:08 PM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  Well i am still not convinced it is practical but I am on air right now withthe 1 watter. band is open and quiet
 so conditions are decent. Will stay at it for atleadst an hour off and on. Same freq a crystal is hard wired in.
donVe3LYX

13539. Re: [AWA Group] Re: LOW POWER TRANSMISSION 1924

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-21 02:57:07 UTC
From: Eric NO3M
Topic: 13514 Message: 13539

I'm on 3544.5 with 0.85W now

On 05/20/2016 10:55 PM, 'aflowers@...'
aflowers@... [AWAGroup] wrote:
> Hang on Don. You're Q5 here....just need to get the radio connected...
>
> Andy K0SM/2
>
>
>
> On Friday, May 20, 2016 10:08 PM, "dulmagedon@... [AWAGroup]"
> <AWAGroup@yahoogroups.com> wrote:
>
>
> Well i am still not convinced it is practical but I am on air right
> now withthe 1 watter. band is open and quiet
> so conditions are decent. Will stay at it for atleadst an hour off
> and on. Same freq a crystal is hard wired in.
> donVe3LYX
>
>
>

13540. Re: [AWA Group] Re: LOW POWER TRANSMISSION 1924

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-21 03:08:36 UTC
From: Eric NO3M
Topic: 13514 Message: 13540

Just finished ragchewing with K8JD near Detriot (181 mi.) on 3544.5.
Running a 203A Hartley with 320V on the plate but VERY loosely coupled
to put out only 0.85W to the antenna, dipole up 55ft. He reported me as
599 and holding S9 during the QSO.

73 Eric NO3M

On 05/20/2016 10:57 PM, Eric NO3M no3m@... [AWAGroup] wrote:
>
> I'm on 3544.5 with 0.85W now
>
>

13541. Re: [AWA Group] Re: LOW POWER TRANSMISSION 1924

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-21 04:43:50 UTC
From: dulmagedon@...
Topic: 13514 Message: 13541

Eric and Andy Thank you both for your help tonite. I really appreciate it. I am encouraged to keep at it. in fact i am pulling a half nighter to see what I can hear later on. Just having a hot choclate to keep the eyelids up.
donVe3LYX

13542. 20 metres?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-22 00:54:20 UTC
From: Louis Vermond
Topic: 13542 Message: 13542
Attachments: 1 described; binary payloads are missing from this source WARC

Good evening,

Has anyone here operated a self excited oscillator rig on 20 metres? If so, what were the results? Please describe the signal quality in all its glory.

73, Lou
VE3AWA

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https://www.avast.com/antivirus

13543. Re: [AWA Group] 20 metres?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-22 02:33:04 UTC
From: aflowers@frontiernet.net
Topic: 13542 Message: 13543
Attachments: 1 described; binary payloads are missing from this source WARC

Lou,
A while ago I tuned my single-27 Hartley to 20m with a smaller tank coil to "see what its like". I can get about 1/2W out with about 5W input--not real efficient--and the result is a solid 595 at best in the receiver (I'm about T7-8 on 80m for reference). It's probably RF getting back into the supply as it's quite likely the choke isn't optimal. My layout isn't great either, and that is part of the problem too, I'm sure. I didn't spend a lot of time mucking around on 20, since I wasn't what I was designing for. Once I found the right tank coil it had no trouble oscillating, and the chirp and drift are about twice as bad as on 20m...I have no doubt the signal quality could be quite good on 20m if one spends the time to exorcise the gremlins.
BTW, if you are using a superhet receiver with a 9 or 10MHz IF to tune up, make sure you aren't tuning up on your receiver's IF frequency--if you tune your receiver the signal should change frequency. If it doesn't you are transmitting on the receiver's IF.
I remember reading the QST report of the "noontime" 20m QSO between NE and California back in 1924. Apparently, one of them had to key down the transmitter for about 2 minutes to get the TX to stabilize. The first guys to do this in didn't have the challenge of having to zero beat a transmitter and receiver. If I were to attempt this I would plan a good vernier tuning arrangement to minimize hand capacitance for "modern" zero-beat operation. I assume they must have had to do this in the receivers of the era.
Andy K0SM/2

On Saturday, May 21, 2016 8:54 PM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  Good evening, Has anyone here operated a self excited oscillator rig on 20 metres? If so, what were the results? Please describe the signal quality in all its glory. 73, LouVE3AWA

| | This email has been checked for viruses by Avast antivirus software.
www.avast.com |

13544. Re: [AWA Group] Re: LOW POWER TRANSMISSION 1924

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-22 02:39:31 UTC
From: dulmagedon@...
Topic: 13514 Message: 13544

Itb is ate and I am tired but I am going to give it a shot on 3560 with the 1 watter before I turn it. Will go till 11pm EDT and will be listening high from my null spot.
Don VE3LYX

13545. Re: [AWA Group] 20 metres?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-22 12:05:06 UTC
From: dulmagedon@...
Topic: 13542 Message: 13545

I think , and it is just an idea, but I think that it should be doubled from 7 mcs using a loop out loop in to a 14hhz tank. If I get time today I may try it.
I have seen TNT circuit with a shorting clip for 80m and 40m on the tank however I think better design is doubling to 14mhz. using an old world dummy load will tell you as they don't lie like superhets (or image machines as I think of them) do. A small Hf well calibrated crystal set does not go amiss in an old time shack for testing either. I use one often. Anyway that is the plan.
BTw Mike F, I bought 4 European tubes , Philips equivalents of German tubes. They test very well in circuits , two have the standard 4 pin universal base but two (also the same tube number) have a flat small base with little tags hanging out like soldering tabes except they have a V cast in the base bottom like they belong in some exotic socket. What can you tell me about that style base please.
donVe3LYx
BTW to all my low power buds I am testing now for an hour on 3560 1 watt (band is wide open)and swinging the knobs listening for replies.

13546. RE: [AWA Group] 20 metres?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-22 13:17:58 UTC
From: Mike Feher
Topic: 13542 Message: 13546

Don –

I have a lot of European tubes, but, right now I cannot picture what you are describing. A photo would definitely help. BTW, I now have my camera set up and will be taking photos of the German batteries for you. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, May 22, 2016 8:05 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] 20 metres?

I think , and it is just an idea, but I think that it should be doubled from 7 mcs using a loop out loop in to a 14hhz tank. If I get time today I may try it.
I have seen TNT circuit with a shorting clip for 80m and 40m on the tank however I think better design is doubling to 14mhz. using an old world dummy load will tell you as they don't lie like superhets (or image machines as I think of them) do. A small Hf well calibrated crystal set does not go amiss in an old time shack for testing either. I use one often. Anyway that is the plan.
BTw Mike F, I bought 4 European tubes , Philips equivalents of German tubes. They test very well in circuits , two have the standard 4 pin universal base but two (also the same tube number) have a flat small base with little tags hanging out like soldering tabes except they have a V cast in the base bottom like they belong in some exotic socket. What can you tell me about that style base please.
donVe3LYx
BTW to all my low power buds I am testing now for an hour on 3560 1 watt (band is wide open)and swinging the knobs listening for replies.

13547. RE: [AWA Group] 20 metres?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-23 00:13:14 UTC
From: dulmagedon@...
Topic: 13542 Message: 13547

If I doubled please forgive. I thought I had sent this but it seems to have vanished.
donVe3LYX

13548. RE: [AWA Group] 20 metres?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-23 00:32:37 UTC
From: Mike Feher
Topic: 13542 Message: 13548

Don –

This is the first time I saw your email, so, the other one did not make it. These bases were fairly common in mostly Germany during the ‘30s and the 40’s. I have numerous tubes with these bases and probably a radio or two that use them. I may even have sockets, but, not sure. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, May 22, 2016 8:13 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] 20 metres?

1 pair (2 pcs) rare DHT triode tubeTC03/5 P-01 (~ RE304 ... RE134) PHILIPS
<http://i.ebayimg.com/images/i/201563632994-0-1/s-l140.jpg>

If I doubled please forgive. I thought I had sent this but it seems to have vanished.
donVe3LYX

13549. RE: [AWA Group] 20 metres?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-23 00:55:51 UTC
From: dulmagedon@...
Topic: 13542 Message: 13549

you must be mind reader. Just a few minutes ago i was in the basement (studio B) soldering 30aaa batteries together to make a 45 volt . I found a automotive part box that holds exactly 30 aaa batteries and I have two identical boxes and 60 batteries so I can make two 45 volt B batteries as they were made in the 1930s . don VE3LYX

13550. RE: [AWA Group] 20 metres?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-23 01:13:38 UTC
From: dulmagedon@...
Topic: 13542 Message: 13550

Thank you Mike, I bought four tubes. Two sets . One set had the euro socket and one set these. Otherwise the same tubes. They are all NOS. I only needed one tube but thought if I missed them someday i would regret it. I bought them from a fellow in Finland although he sent them from Gernany according to the boxes along with a persnal greeting. So for now I am good. I am off to Europe soon for a week anyway hoping to do some ham stuff while there so i will ask about das zonderbar deutche sockel. Thanks.
donVe3LYX

13551. Re: [AWA Group] 20 metres?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-23 15:56:46 UTC
From: Roger Kuchera
Topic: 13542 Message: 13551

Gentlemen, I'm sure that I'm stating the obvious but no matter how you get to 20 with a SEO, what ever aberrationsare on the oscillator (chirp, clicks, buzz in the AC) will be magnified by doubling or straight operation. I'dguess that neutralizing (if used) might be a trifle finicky. Good luck.
Roger/K1TG

On Sunday, May 22, 2016 9:13 PM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv0392706463 #yiv0392706463 -- #yiv0392706463 .yiv0392706463ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv0392706463 div.yiv0392706463ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv0392706463 div.yiv0392706463photo-title a, #yiv0392706463 div.yiv0392706463photo-title a:active, #yiv0392706463 div.yiv0392706463photo-title a:hover, #yiv0392706463 div.yiv0392706463photo-title a:visited {text-decoration:none;}#yiv0392706463 div.yiv0392706463attach-table div.yiv0392706463attach-row {clear:both;}#yiv0392706463 div.yiv0392706463attach-table div.yiv0392706463attach-row div {float:left;}#yiv0392706463 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv0392706463 div.yiv0392706463ygrp-file {width:30px;}#yiv0392706463 div.yiv0392706463attach-table div.yiv0392706463attach-row div div a {text-decoration:none;}#yiv0392706463 div.yiv0392706463attach-table div.yiv0392706463attach-row div div span {font-weight:normal;}#yiv0392706463 div.yiv0392706463ygrp-file-title {font-weight:bold;}#yiv0392706463 #yiv0392706463 #yiv0392706463 #yiv0392706463 --#yiv0392706463ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv0392706463 #yiv0392706463ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv0392706463 #yiv0392706463ygrp-mkp #yiv0392706463hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv0392706463 #yiv0392706463ygrp-mkp #yiv0392706463ads {margin-bottom:10px;}#yiv0392706463 #yiv0392706463ygrp-mkp .yiv0392706463ad {padding:0 0;}#yiv0392706463 #yiv0392706463ygrp-mkp .yiv0392706463ad p {margin:0;}#yiv0392706463 #yiv0392706463ygrp-mkp .yiv0392706463ad a {color:#0000ff;text-decoration:none;}#yiv0392706463

Thank you Mike, I bought four tubes. Two sets . One set had the euro socket and one set these. Otherwise the same tubes. They are all NOS. I only needed one tube but thought if I missed them someday i would regret it. I bought them from a fellow in Finland although he sent them from Gernany according to the boxes along with a persnal greeting. So for now I am good. I am off to Europe soon for a week anyway hoping to do some ham stuff while there so i will ask about das zonderbar deutche sockel. Thanks.
donVe3LYX

13552. Eddystone EC 10 Receiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-23 20:57:21 UTC
From: Gary H. Harmon, Jr.
Topic: 13552 Message: 13552

I have a HAM friend in Slovenia looking for an Eddystone EC 10 receiver. If I can find one I will buy and ship to him.

Any and all help appreciated. Other lists I might poke appreciated.

73,

Gary H. Harmon, Jr. - K5JWK - HAM Radio and ATARI Archaeologist

6003 Archwood

San Antonio, TX 78239-1504

(210) 657-1549 <home>

(210) 884-6926 <cell and text>

(210) 657-1549 <FAX with prior notification>

gharmon@...

"Retirement = Every day is a Saturday except Sunday"

http://www.grissomroadcoc.org

13553. DJ5RE -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-23 22:29:04 UTC
From: Mike Feher
Topic: 13553 Message: 13553

Please welcome Tom, DJ5RE to the group. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

13554. Re: [AWA Group] DJ5RE -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-23 23:11:58 UTC
From: N3IBX
Topic: 13553 Message: 13554

Hello Tom, DJ5RE and welcome aboard. Looking forward to hearing from you!

Very best regards,
Joe Cro N3IBX

13555. DJ5RE -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-23 23:14:37 UTC
From: Louis Vermond
Topic: 13553 Message: 13555
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Tom. Thank you for joining our Group. A thank you also to Don for inviting you to join.

We are looking forward to seeing a photo(s) of your Hartley.

73, Lou VE3AWA
Very FB OM.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13556. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-24 00:56:03 UTC
From: Louis Vermond
Topic: 130 Message: 13556
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/1920s-Northern-Western-Electric-3A-Transmitter-from-Canada-/142002216330

Tks K0SM

US $3,500.00

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13557. Re: [AWA Group] DJ5RE -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-24 01:45:32 UTC
From: N1BUG
Topic: 13553 Message: 13557

Welcome Tom!

Tom and I have worked on 2 meters and 160 meters. Maybe next time a 160, 80, or 40m QSO with antique gear. :)

73,
Paul N1BUG

13558. Re: [AWA Group] DJ5RE -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-24 03:23:45 UTC
From: dulmagedon@...
Topic: 13553 Message: 13558

Tom has a lot of neat stuff. I toured his website then asked him about early German Tx circuits. Eventually we got here. We already talked about a 40M pond hop next winter. To find you two have bumped into each other before , incredible.
BTW Paul , The same night I toured Tom's website I toured yours. Thanks. (U know.)
donVE3LYX

13559. Re: [AWA Group] DJ5RE -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-24 06:34:53 UTC
From: Thomas Höppe
Topic: 13553 Message: 13559
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Mike, Joe, Lou, Paul and Don!

Thanks for the warm welcome here in this group!

BTW: Paul is a bit reponsible that my interest in Amateur Radio drifted in the vintage corner. In the late 80th and in the 90th Paul was the ☐net control☐ in the VHF net on 14345. I had to contact him to arrange skeds on 2m EME (moonbouncing). I lost interest in that mode when K1JT presented his software, and everybody switched to digital EME. So I found a new playground on 160m where signals are also weak, and I had fun to work WAS and WAZ from my small home QTH. Here on 160m, I also met a lot of ex EME☐ers from the old time. They were still keen on week CW signals detected by ear. In the 160m chat I also met Paul again, and he reported about his vintage transmitter. I fell in love with this idea, did more research and built my own (Type 27 tube). During a QSO using the Hartley a Czech station reported to use the ☐Paraset☐. Again I had to make researches, again I had to build one. A lot of other spy sets from WW2 area followed.

So that☐s the story! I hope we make it over the pond next winter season using old equipment.

73s from Upper Palantine (Oberpfalz) in Bavaria.

Tom, DJ5RE

13560. Re: [AWA Group] DJ5RE - [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-24 15:13:39 UTC
From: Roger Kuchera
Topic: 13553 Message: 13560

Hello Tom, Welcome aboard. I hope you enjoy our group. It is a great bunch that is always willing to help.
Roger/K1TG

On Tuesday, May 24, 2016 2:35 AM, "Thomas Höppe thomas.hoeppe@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv7720509350 #yiv7720509350 .yiv7720509350ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv7720509350 div.yiv7720509350ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv7720509350 div.yiv7720509350photo-title a, #yiv7720509350 div.yiv7720509350photo-title a:active, #yiv7720509350 div.yiv7720509350photo-title a:hover, #yiv7720509350 div.yiv7720509350photo-title a:visited {text-decoration:none;}#yiv7720509350 div.yiv7720509350attach-table div.yiv7720509350attach-row {clear:both;}#yiv7720509350 div.yiv7720509350attach-table div.yiv7720509350attach-row div {float:left;}#yiv7720509350 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv7720509350 div.yiv7720509350ygrp-file {width:30px;}#yiv7720509350 div.yiv7720509350attach-table div.yiv7720509350attach-row div div a {text-decoration:none;}#yiv7720509350 div.yiv7720509350attach-table div.yiv7720509350attach-row div div span {font-weight:normal;}#yiv7720509350 div.yiv7720509350ygrp-file-title {font-weight:bold;}#yiv7720509350 --> <!--#yiv7720509350 _filtered #yiv7720509350 {font-family:"Cambria Math";panose-1:2 4 5 3 5 4 6 3 2 4;} _filtered #yiv7720509350 {font-family:Calibri;panose-1:2 15 5 2 2 2 4 3 2 4;}#yiv7720509350 #yiv7720509350 p.yiv7720509350MsoNormal, #yiv7720509350 li.yiv7720509350MsoNormal, #yiv7720509350 div.yiv7720509350MsoNormal {margin:0cm;margin-bottom:.0001pt;font-size:11.0pt;font-family:"Calibri", sans-serif;}#yiv7720509350 a:link, #yiv7720509350 span.yiv7720509350MsoHyperlink {color:#0563C1;text-decoration:underline;}#yiv7720509350 a:visited, #yiv7720509350 span.yiv7720509350MsoHyperlinkFollowed {color:#954F72;text-decoration:underline;}#yiv7720509350 span.yiv7720509350E-MailFormatvorlage17 {font-family:"Calibri", sans-serif;color:windowtext;}#yiv7720509350 .yiv7720509350MsoChpDefault {font-family:"Calibri", sans-serif;} _filtered #yiv7720509350 {margin:70.85pt 70.85pt 2.0cm 70.85pt;}#yiv7720509350 div.yiv7720509350WordSection1 {}-->

Hello Mike, Joe, Lou, Paul and Don! Thanks for the warm welcome here in this group!BTW: Paul is a bit reponsible that my interest in Amateur Radio drifted in the vintage corner. In the late 80th and in the 90th Paul was the „net control“ in the VHF net on 14345. I had to contact him to arrange skeds on 2m EME (moonbouncing). I lost interest in that mode when K1JT presented his software, and everery body switched to digital EME. So I found a new playground on 160m where signals are also weak, and I had fun to work WAS and WAZ from my small home QTH. Here on 160m, I also met a lot of ex EME’ers from the old time. They were still keen on week CW signals detected by ear. In the 160m chat I also met Paul again, and he reported about his vintage transmitter. I fell in love with this idea, did more research and built my own (Type 27 tube). During a QSO using the Hartley a Czech station reported to

use the „Paraset“. Again I had to make researches, again I had to build one. A lot of other spy sets from WW2 area followed. So that’s the story! I hope we make it over the pond next winter season using old equipment. 73s from Upper Palantine (Oberpfalz) in Bavaria. Tom, DJ5RE

13561. A Kiwi writes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-24 16:26:23 UTC
From: Louis Vermond
Topic: 13561 Message: 13561

American Science-A Reply.

The Editor, EXPERAMENTAL WIRELESS & THE WIRELESS ENGINEER

October, 1925 Page 856

On page 521 of your issue of May last appears a letter by Mr. D. V. Onslow, under the heading " Power Factor Measurements." Mr. Onslow states amongst other things that " the British spend £50 on research apparatus and LI 000 on thinking, and get results, while Americans spend £1 000 on apparatus and £50 on thinking, and get lost." From the tone of Mr. Onslow's letter I am inclined to think that he knows very little about American research ; has he heard of the U.S. Bureau of Standards ? And does he know that the results obtained in this national laboratory are embodied in publications which are sold to anyone by the U.S. Stationery Office at the bare cost of printing ? Speaking about methods of making measurements, has Mr. Onslow ever heard of the American society for testing materials, or seen the results of their researches, which are published annually ? Again, does Mr. Onslow know that the results of all U.S. Government research departments, including those in agriculture, engineering, meteorology, and many other branches of science, are available to the public ; and that the various scientific societies always have their material available for use by the engineers of the world ? It is to be hoped for the sake of the Electrical Research Association, of which presumably Mr. Onslow is a member, that this gentleman obtains more facts before writing his reports than he did before writing the letter now under reply. As an engineer trained in England and America, I am glad to know that leading engineers of England, as evidenced by their own statements, do not hold the same opinion as your correspondent, but give credit ungrudgingly to our American cousins for the very fine work which they produce. Is it too much to ask that Mr. Onslow spends one shilling in gathering facts before he spends a penny stamp in disparaging the work of his brother engineers? C. R. RUSSELL, M.Sc., M.I.R.E., A.M.I.E.E. 162, Heaton Street, Christchurch, New Zealand.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13562. de K1TG - Dial Cord Stringing Guide

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-24 19:35:32 UTC
From: Roger Kuchera
Topic: 13562 Message: 13562

Gentlemen, I just came in to possession of a Sams "Dial Cord Stringing Guide" which covers "Most 1938 to 1947 Receivers." Should anyone need such info, Please send me the make and model of thereceiver. I will gladly scan it in and email the results to you via email. Roger/K1TG

13563. Re: A Kiwi writes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-24 20:15:58 UTC
From: dulmagedon@...
Topic: 13561 Message: 13563

Well that is a bit bold. Next he will be declaring the merits of a pigmy basketball team. 1925 or not.
donVe3LYX

13564. RE: [AWA Group] de K1TG - Dial Cord Stringing Guide

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-24 20:34:46 UTC
From: Carl Nord
Topic: 13562 Message: 13564

Hi Roger,

I am looking for the stringing guide for the National Radio Institute (NRI) AM radio kit.

Thank you

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, May 24, 2016 3:36 PM
To: yahoogroups
Subject: [AWA Group] de K1TG - Dial Cord Stringing Guide

Gentlemen,

I just came in to possession of a Sams "Dial Cord Stringing Guide" which covers "Most 1938 to 1947 Receivers." Should anyone need such info, Please send me the make and model of the receiver. I will gladly scan it in and email the results to you via email.

Roger/K1TG

13565. Conar 400

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-24 22:35:15 UTC
From: Louis Vermond
Topic: 13565 Message: 13565
Attachments: 1 described; binary payloads are missing from this source WARC

Hi,

Anyone here have a NRI Conar 400 rig? If so, how about a 400/400 SKED?

73, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13566. ‘MICA: A Lecture to the Radio Society of Great Brita in.’ By P. R. Coursey, B.Sc.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-25 00:50:09 UTC
From: Louis Vermond
Topic: 13566 Message: 13566

Page 975

http://www.americanradiohistory.com/Archive-Experimental%20Wireless/20s/Experimental%20Wireless-1925-12.pdf

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This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13567. RE: [AWA Group] 'MICA: A Lecture to the Radio Society of Great Britain.' By P. R. Coursey, B.Sc.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-25 11:04:18 UTC
From: Steve Flood
Topic: 13566 Message: 13567
Attachments: 1 described; binary payloads are missing from this source WARC

Good reading.

Here is my own sample liberated from a central Idaho pegmatite over 20 years ago. On two occasions I clipped some clean laminae from this sample to replace some bad mica in ceramic trimmers.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13568. I Wonder?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-25 13:45:25 UTC
From: K3PID
Topic: 13568 Message: 13568

I am just turning 71 next week = and I just renewed my license today! Then I thought, I wonder if I will renew it again? Sometimes life is scary!

Ron K3PID

13569. Re: I Wonder?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-25 14:57:45 UTC
From: dulmagedon@...
Topic: 13568 Message: 13569

Having kissed my mortality in my accident in Sept 2014 and survived I have determined not to waste a single day. Drag out your bucket list and get to it! I am about 5 years + or - a day or so behind you. Here in Canada it is just a normal day but the USA made it a national holiday (how kind!) and often hold the Indy 500 on that day. The Germans used to have a song about it (Am Dreisig von Mai ist der Werlt Untergang) which is probably not a good omen however I will take what I can get. Anyway Ron Happy Birthday and make sure to enjoy it.
DonVE3LYX
BTW My friend Rex whom I just saw at breakfast is a ham (probably VE3REX or VE3RR but I forget) asked about HF activity and nets I told him about the MSN tonite so if anyone thinks of it he will probably be reading the mail and could jump in. I gave him the freqs and Joe's net control call.
Rex lives on Big Island. His whole family are hams. Decent folks.

13570. Re: I Wonder?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-25 15:02:28 UTC
From: Thomas Höppe
Topic: 13568 Message: 13570

I also wonder about your lines, Ron.

You have to renew a license? By paying for having the call, or by passing another test to proove you still have the knowledge?

In Germany, a license is a lifetime affair. You pay some fees for □handling the frequencies□ and in case the officials have to spend time for mearuring in case of TVI/BCI complaints. If you keep the call, you have to pay the fees. You can give back your call if getting unactive. If you want to become active again, you just have to order a new (!) call and pay the frequency fees again from now on .but no new test to pass the license necessary! Once succeded, no test anymore.

73s de Tom, DJ5RE

13571. Re: [AWA Group] Re: I Wonder?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-25 15:23:33 UTC
From: K3PID
Topic: 13568 Message: 13571

Hi Tom, No, don’t have to pay anything anymore! But every 10 years you have to click the renew button.... No tests either...

From: mailto:AWAGroup@yahoogroups.com
Sent: Wednesday, May 25, 2016 10:02 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: I Wonder?

I also wonder about your lines, Ron.

You have to renew a license? By paying for having the call, or by passing another test to proove you still have the knowledge?

In Germany, a license is a lifetime affair. You pay some fees for „handling the frequencies“ and in case the officials have to spend time for mearuring in case of TVI/BCI complaints. If you keep the call, you have to pay the fees. You can give back your call if getting unactive. If you want to become active again, you just have to order a new (!) call and pay the frequency fees again from now on….but no new test to pass the license necessary! Once succeded, no test anymore.

73s de Tom, DJ5RE

13572. National "PSK" Preselector Documentation Wanted:

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-25 17:14:45 UTC
From: N3IBX
Topic: 13572 Message: 13572

Greetings All,
Would anyone have a manual, schematic or any form of documentation to a National "PSK", the optional preselector for the FB-7 and it's variants superhet receiver? Any form of documentation would be greatfully appreciated. I'll gladly reinburse for copying costs, printing or whatever plus postage if you have any information on them.

Please email me at: n3ibx@... if you have any information on them.

Thank you for reading this and best regards.
Joe Cro N3IBX

13573. RE: [AWA Group] I Wonder?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-25 18:25:40 UTC
From: Mike Feher
Topic: 13568 Message: 13573

Ron -

Although I am about 4 months younger than you, I wondered the same thing the las time I renewed. Let's hope we both live long enough to renew one more time. Hope you have a great 71st birthday. 73 - Mike .

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, May 25, 2016 9:45 AM
To: AWA Group
Subject: [AWA Group] I Wonder?

I am just turning 71 next week = and I just renewed my license today! Then I thought, I wonder if I will renew it again? Sometimes life is scary!

Ron K3PID

13574. The Collector's Vacuum Tube Handbook

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-26 02:05:25 UTC
From: Mike Feher
Topic: 13574 Message: 13574

This is the book I was talking about on the MS net. 73 - Mike

http://www.ebay.com/itm/371626596314

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

13575. Re: [AWA Group] The Collector's Vacuum Tube Handbook

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-26 03:13:41 UTC
From: N3IBX
Topic: 13574 Message: 13575

Hello Mike,
? ? ? ? ? ? ? ? ?I really appreciate the URL for the tube book you mewntioned to me on the Maple Syrup Net this evening. I've never heard of it before and it looks like a good reference source for anyone who is into pre-WWII radio.?

It was great hearing you on the MSN tonight and appreciate your level of participation in the various topics that turn up. There's always something interesting that someone brings up or needs help with. I hope to hear you and the others again next Wednesday night at 8PM on 3.843kc LSB.?

Very best regards,
Joe Cro N3IBX ?
?
?
On 05/25/16, 'Mike Feher' n4fs@... [AWAGroup] wrote:
?
?

This is the book I was talking about on the MS net. 73 – Mike
?
http://www.ebay.com/itm/371626596314
?
Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960
?

13576. German Batteries -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-26 15:52:24 UTC
From: Mike Feher
Topic: 13576 Message: 13576
Attachments: 2 described; binary payloads are missing from this source WARC

Don -

Here are a few photos of a typical German battery. These were common from around the turn of the century to at least WWII. I also found one on eBay:

http://www.ebay.com/itm/111546565374

The one on eBay seems to be even later as it uses wires for both plus and minus and not a binding post for the plus. These batteries are about 4.3" tall, not counting the binding post, and about 2.2" square. There is also a smaller version, about one third the volume, but I decided not to take photos of them. I can if you like. Something to put on your list for when you visit Germany. I would really like to find one from around 1905 for one of my coherer sets. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

13577. National PSK documentation

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-26 21:46:42 UTC
From: JAMES HANLON
Topic: 13577 Message: 13577

Joe,

Have a look at "Pre-Selection and Image Rejection in Short Wave Superhets," by James J. Lamb and F. E. Handy, QST December 1933, pages 9 to 13 and 76. It describes a pre-selector that looks exactly like the PSK and it is bolted to the side of an FBX. If you are an ARRL member you can find the article through their "periodical archives and search" page. I have the set of QST CDs for the 1930s, and I can always print out a copy and send it to you if necessary.

Jim Hanlon, W8KGI knjhanlon@...

13578. Re: [AWA Group] National PSK documentation

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-26 22:02:24 UTC
From: N3IBX
Topic: 13577 Message: 13578

Hello Jim,
? ? ? ? ? ? ? ?I greatly appreciate the tip about where I can find out more about the PSK preselector. I also appreciate you offering to copy the article for me, but I have the same QST bundle that you do and can run off the pages on my printer.?

I'm curious, do you own a PSK or even a FB-7 or one of it's variants?

\Very best regards,
? ? ? ? ? ? ? ? ? ? ? ? ? ? ?Joe Cro N3IBX
?
?
On 05/26/16, JAMES HANLON knjhanlon@... [AWAGroup] wrote:
?
?

Joe,
?
Have a look at "Pre-Selection and Image Rejection in Short Wave Superhets," by James J. Lamb and F. E. Handy, QST December 1933, pages 9 to 13 and 76.? It describes a pre-selector that looks exactly like the PSK and it is bolted to the side of an FBX.? If you are an ARRL member you can find the article?through their ?"periodical archives and search" page.? I have the set of QST CDs for the 1930s, and I can always print out a copy and send it to you if necessary.?
?
Jim Hanlon, W8KGI knjhanlon@...

13579. Re: German Batteries -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-26 22:44:22 UTC
From: dulmagedon@...
Topic: 13576 Message: 13579

Thanks Mike. Lots of warnings on them!
In the middle of making a 45 volt right now. Tis a real pain!
donVE3LYX

13580. Re: German Batteries -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-27 06:59:41 UTC
From: Thomas Höppe
Topic: 13576 Message: 13580

Hello,

those batteries showed up in various forms. Some of them are dry versions, some with liquid inside. There were dry batteries where you could choose the voltage by stitching through the cardbord on the right point.

You can often buy cardboard boxes (replicas), and install common 9V block batteries as replacement. This is the common way. Some also install inverters for HV, but I was never happy with them (noisy in the RX)

I built a 31/1 ☐Sweetheart☐ receiver replica. This tiny RX was constructed by the Norwegian in Brittish exile Willi Simonsen. He was only allowed to use ☐non confidential parts☐. This receiver was made ☐flacon style☐ and could be hided in ones pocket. They used crystal earphones from brush, normally used in hearing aid units. Power consumption of this little RX was very low. There are 3x 1T4 tubes inside (Regenerative Design, no preamp, 2 audio stages). The heaters are connected in a row, so a 4,5V flat torch battery was used for the heaters. The anode voltage was a 30V dry battery for hearing aid units. After he designed this receivers they were industrial made by Hale in England in large numbers and parachuted into occupied countries.

Those very special hearing aid anode batteries were very small, but they were good for 150-200 hours of receiving (0,5 mA power consumption). The problem was: I found no replacement for this battery. I made the battery box a little bit larger to fit 4x 9V blocks.

73s Tom, DJ5RE

13581. RE: [AWA Group] Re: German Batteries -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-27 12:33:33 UTC
From: Mike Feher
Topic: 13576 Message: 13581

Hi Tom -

I was not familiar with the "Sweetheart" receiver, so, I had to look it up. A cute little set. Seems like it would be fairly easy to replicate. It kind of reminds me of the CMS clandestine radio, of which I have several. It is also a 3 tube regen, however it comes with a separate 2 tube transmitter all fitted in a small suitcase.

Wonder if you have ever seen those style of batteries from the 1905 period. I would love to find one for one of my coherer sets which is also from about 1905. This one is made by Bing. Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, May 27, 2016 3:00 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: German Batteries -

Hello,

those batteries showed up in various forms. Some of them are dry versions, some with liquid inside. There were dry batteries where you could choose the voltage by stitching through the cardbord on the right point.

You can often buy cardboard boxes (replicas), and install common 9V block batteries as replacement. This is the common way. Some also install inverters for HV, but I was never happy with them (noisy in the RX)

I built a 31/1 "Sweetheart" receiver replica. This tiny RX was constructed by the Norwegian in Brittish exile Willi Simonsen. He was only allowed to use "non confidential parts". This receiver was made "flacon style" and could be hided in ones pocket. They used crystal earphones from brush, normally used in hearing aid units. Power consumption of this little RX was very low. There are 3x 1T4 tubes inside (Regenerative Design, no preamp, 2 audio stages). The heaters are connected in a row, so a 4,5V flat torch battery was used for the heaters. The anode voltage was a 30V dry battery for hearing aid units. After he designed this receivers they were industrial made by Hale in England in large numbers and parachuted into occupied countries.

Those very special hearing aid anode batteries were very small, but they were good for 150-200 hours of receiving (0,5 mA power consumption). The problem was: I found no replacement for this battery. I made the battery box a little bit larger to fit 4x 9V blocks.

73s Tom, DJ5RE

13582. RE: [AWA Group] Re: German Batteries -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-27 13:13:59 UTC
From: Thomas Höppe
Topic: 13576 Message: 13582

Hello Mike!

Yes, it is pretty easy to make this replica of the 31/1. All parts are available for a very nice prize. The most tricky part is making the box. I used a block of hardwood grinded in form for both parts of the box, and soft aluminium only 1mm thick. It is a must to make those bent edges of the lid, otherwise the hood is not self-supporting. But it works, and it is fun making this correctly. The performance f this receiver is really great. Only a few meters of cable are sufficient, it is very sensitive. I made bandspread for the 40m band. It is also amazing stable, comared to other receivers without frontend like the paraset. I can supply pictures of various stages of the building process if you are interested. I also got very good pictures taken from an original by a French friend.

I wonder which kind of CMS set you have. I know the □briefcase set□ using batteries, but this has a superhet RX. A regens version is very interesting, as this can be made more easier as replica. The IF filters in superhets make things always more difficult. So I am really interested to get more details.

If you want pictures of the Sweetheart I can send some as PM.

73s from Bavaria (land of the big mugs)!

Tom

13583. RE: [AWA Group] Re: German Batteries -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-27 13:35:02 UTC
From: Mike Feher
Topic: 13576 Message: 13583
Attachments: 2 described; binary payloads are missing from this source WARC

Tom -

I have had 4 CMS sets and all of them had the same 3 tube regenerative receiver. It is in a briefcase, not a suitcase, HI. The receiver can work on batteries, but, the transmitter using two 6L6s requires a hand crank generator or some other external power supply. One of these days I hope to get at least one of them on the air. You can get a fair amount of information if you Google "CMS clandestine". I am attaching two manuals to give you an idea. I have never seen a power supply. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, May 27, 2016 9:14 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Re: German Batteries -

Hello Mike!

Yes, it is pretty easy to make this replica of the 31/1. All parts are available for a very nice prize. The most tricky part is making the box. I used a block of hardwood grinded in form for both parts of the box, and soft aluminium only 1mm thick. It is a must to make those bent edges of the lid, otherwise the hood is not self-supporting. But it works, and it is fun making this correctly. The performance f this receiver is really great. Only a few meters of cable are sufficient, it is very sensitive. I made bandspread for the 40m band. It is also amazing stable, comared to other receivers without frontend like the paraset. I can supply pictures of various stages of the building process if you are interested. I also got very good pictures taken from an original by a French friend.

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If you want pictures of the Sweetheart I can send some as PM.

73s from Bavaria (land of the big mugs)!

Tom

13584. RE: [AWA Group] Re: German Batteries -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-27 14:54:58 UTC
From: Thomas Höppe
Topic: 13576 Message: 13584

Hello Mike!

I understand! We were talking about different sets! I looked on this site:

http://militaryradio.com/spyradio/mystery.html

Set 1 on this site is listed in ☐Wireless for the warrior, Vol. 4
clandestine radios☐ from Louis Meulstee as the ☐Briefcase set☐. This would
be a very interesting set to build a replica from, but I lack in good
pictures, and the receiver is a superhet.

I think you talk about set 2 on this site. This is also a very interesting one! The RX is indeed regenerative. The interstage transformers are a bit hard to find, but the set should no be too complicated to make.

If you could send high quality pictures, also from inside, that would be very great! I am always collecting infos for a possible future replica project. I only make WW2 sets, so this one would fit.

So I wonder if you still own one and could do me that favour.

I transfered already Sweetheart Infos to Chuck, so if you like them too just tell me.

TNX de Tom, DJ5RE

13585. RE: [AWA Group] Re: German Batteries -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-27 14:59:56 UTC
From: Mike Feher
Topic: 13576 Message: 13585

Tom -

Yes, you found the set. I will take photos for you in the near future. Yes, I still have three of these sets. The briefcase in one of them is in pretty poor shape, but, the receiver and transmitter are fine. I'll look up the "Sweetheart". 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, May 27, 2016 10:55 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Re: German Batteries -

Hello Mike!

I understand! We were talking about different sets! I looked on this site:

http://militaryradio.com/spyradio/mystery.html

Set 1 on this site is listed in "Wireless for the warrior, Vol. 4 clandestine radios" from Louis Meulstee as the "Briefcase set". This would be a very interesting set to build a replica from, but I lack in good pictures, and the receiver is a superhet.

I think you talk about set 2 on this site. This is also a very interesting one! The RX is indeed regenerative. The interstage transformers are a bit hard to find, but the set should no be too complicated to make.

If you could send high quality pictures, also from inside, that would be very great! I am always collecting infos for a possible future replica project. I only make WW2 sets, so this one would fit.

So I wonder if you still own one and could do me that favour.

I transfered already Sweetheart Infos to Chuck, so if you like them too just tell me.

TNX de Tom, DJ5RE

13586. Re: National PSK documentation

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-27 17:31:52 UTC
From: JAMES HANLON
Topic: 13577 Message: 13586

Joe,

I'm glad that you have the means to find that PSK article. Yes, I have both an FB7A and an FBX (non-A model). I have coils for 160, 80, 40, and 20 that I normally assign to the FB7A and for 40 with the FBX. I'm using a 697 "doghouse" power supply with them right now. I added a 2.5 volt filament transformer to the 697 and put a few extra turns on the secondary to arrive at 2.5 volts on the filaments at the receiver. I've got another power supply up in the attic that I think has 2.5 vac output, but it only arrived recently and I haven't gotten it on line as yet. I have one spot in my classic gear lineup for either the FB7A or the FBX, so I sort of alternate between the two. Right now the FBX is in that position and the FB7A is up in the attic.

I found the FB7A in a Kansas City radio store, Associated Radio, on a business trip in the '90s. I brought it home to Albuquerque via a stop in Flint, Michigan. It rode under my seat on the airplane. The FBX was a gift from a friend here in NM. It was rather rusty, but my pal thought I might want to remove the crystal filter and install it in my FB7A. Not me - I cleaned up the FBX and got it operating as well, HI. So now I have a pair. They are still running with almost all of their original resistors and capacitors too. The crystal filter in the FBX is very sharp. It's a bit of a challenge to tune a signal into the peak and leave it there. I run a Heath QF-1 with the FB7A, and it's a lot easier to peak a signal with that gadget because I can tune the QF-1 peak onto a signal after I get it tuned in initially on the receiver. I don't have a PSK preselector, but I do have an RME DB-20 that I can switch in ahead of them. I seldom use it on 80, sometimes on 40 if there is an image problem.

The old FB7A and FBX are quite decent receivers, amazingly so considering they were modestly priced and made in 1933 - 34. National did a good job on them!

73,
Jim, W8KGI

13587. Re: [AWA Group] Re: German Batteries -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-27 18:31:10 UTC
From: Louis Vermond
Topic: 13576 Message: 13587

If you want pictures of the Sweetheart I can send some as PM. Please do, Tom. 73, Lou VE3AWA

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13588. Re: German Batteries -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-27 22:12:08 UTC
From: dulmagedon@...
Topic: 13576 Message: 13588

Thanks for the info. I make my 90 volt batteries in a wooden Celestial Tea box. I have been putting the terminals on the side but they could and probably should go on the top of the box or end. The size is about right and I think I can make a tag from looking at the samples Mike showed me that will cover it.
Clandestine radios are most interesting. I think the most fun build I ever did and the XYL still talks about it was my POW rig built in the bird box. I put it up on Youtube documenting its very first actual power up. (POW Radio, The Build) . Much it my surprise it actually worked first time. It was built form suff from the garbagge dump IE nothing bought. And runs on discarded batteries to keep it honest. It will also transmit small distances with a rise in voltage. I then built the file box radios which I was using the other night when Andy heard me before I worked Eric. And I have my Telefunken locator radio I show photos of a few weeks back. I saw on War Junk the radio they had in the actual great escape. They took it to the survivor who actually originally built it. Very touching moment. And then there are the commercially produced one like Tom and Mike have. My friend VE3DCX also has a Paraset.
BTW currently I working on a clone of sorts of the old WESKIT Transceiver and am finding it a fun build even if it is outside the normal years for old rigs. I remember reading the ads for years and wondering how one could get a transceiver for so little. And yet when I see the circuit, no reason for it not to work.
Am also playing in 160M for first time in my life. Currently tuned up on 1820kcs. using an ARC5.
donVe3LYX

13589. SW3 as preselector

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-28 00:56:16 UTC
From: Niel - W0VLZ
Topic: 13589 Message: 13589
Attachments: 1 described; binary payloads are missing from this source WARC

(for those that wish they had a National PSK preselector)

As I was looking for PSK information I stumbled across a no modification way to use an SW3 as a preselector. See the March 1983 issue of the AWA Old Timer's bulletin.

Temporarily link couple the SW3 detector coil to the FB7 antenna terminals and run the SW3 slightly below regeneration. Attached is a diagram and instructions from the article.

73,
Niel - W0VLZ

13590. Fw: [AWA Group] 20 metres?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-28 03:40:09 UTC
From: Louis Vermond
Topic: 13590 Message: 13590

Has anyone here operated a self excited oscillator rig on 20 metres? If so, what were the results? Please describe the signal quality in all its glory.

http://www.n1bug.com/sound/vintage/tnt-20m-test.mp3

73,
Bugsy

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13591. Re: [AWA Group] 20 metres?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-28 03:59:18 UTC
From: Steve
Topic: 13590 Message: 13591

>Has anyone here operated a self excited oscillator rig on 20 metres? If so,
>what were the results? Please describe the signal quality in all its glory.

http://www.n1bug.com/sound/vintage/tnt-20m-test.mp3

crap Bugsy ... that sounds better than my rig on 160! Nicely done.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

13592. Re: Fw: [AWA Group] 20 metres?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-28 07:22:44 UTC
From: dulmagedon@...
Topic: 13590 Message: 13592

That sounds pretty impressive! Could you share the schematic and any tips.
Any DX results?
donVe3LYX

13593. Re: German Batteries -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-28 08:17:02 UTC
From: Thomas Höppe
Topic: 13576 Message: 13593

Hello Lou!

Just some comments about commercial made spy radios. Only few were 100% industrial made. Mostly, the ordered the metal parts, and assembled them in small workshops of the services themselves. So the risk that a unit gets in wrong hands for documentation was smaller. The commercial made versions are often hard to replicate, as they use dicast parts or parts made on a press. The □workshop radios□ are often more easy to reproduce. The early English sets and the early German sets are great to build replicas from.

In Germany, lots of Radio Amateurs were recruted to construct and build the agent□s radios. They used parts and schematics they were familiar with from Amateur Radio times. It is very exciting that the □Abwehr□ (German WW2 military secret service) used parts available in the prewar DASD ware-list. The DASD was the amateur radio organisation in Germany from the beginning until the end of WW2. They offered this parts-service for the members. So early amateur radio sets and simple spy sets are often matching and can□t get devided in 2 separate topics.

Recently some infos show up about Partisan Radios in Yugoslawia. They made the simple radios in huts covered in the woods. Janez, S57J, has made researches and put very interesting infos in the net:

http://www.s57j.com/janez/index.php?option=com_content
<http://www.s57j.com/janez/index.php?option=com_content&view=category&id=12&
Itemid=32&lang=en> &view=category&id=12&Itemid=32&lang=en

Great stuff to read!

73s Tom!

13594. First 160M QSO

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-28 08:28:05 UTC
From: dulmagedon@...
Topic: 13594 Message: 13594
Attachments: 1 described; binary payloads are missing from this source WARC

Been a ham since my 30s but never had a 160M contact. I have two rigs that are good on 160M. One is an old ARC5 rig I moved to 160M (I have two the other I moved to 80m but they are similar rigs). I noticed Eric was operating on 160M right where I had the old aircraft radio set up at the moment so I dropped him a quick note. He gave me the go ahead and we fixed that little flaw in my Ham history tonite or this morning. I wasn't sleeping but still am not too awake this time of day but managed to drag myself to consciousness and get the deed done. Thank You Eric for taking the time from your contesting to do that. May your efforts be rewarded with success.
donVe3LYX

13595. Memphis Bell Radio Op Passes Into History

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-28 11:00:53 UTC
From: Mike Feher
Topic: 13595 Message: 13595

http://www.foxnews.com/us/2016/05/27/memphis-belle-gunner-revisits-england-dies-during-final-mission.html?intcmp=hplnws

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

13596. Re: Memphis Bell Radio Op Passes Into History

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-28 11:45:02 UTC
From: Thomas Höppe
Topic: 13595 Message: 13596
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks for the link!

We visited Duxford 2013 to meet the members of the DRS (Duxford Radio Society).

Here we took the attached picture.

Tom

13597. Re: [AWA Group] Re: National PSK documentation

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-28 13:37:01 UTC
From: N3IBX
Topic: 13577 Message: 13597

Hello Jim.
? ? ? ? ? ? ? I for got to mention something. I think it's great that you have two FB-7 variants and restored the one that was supposed to be used for a parts set to pull the xtal filter out of. I have a similar situation here. I had a FB-7 and a FB-XA at one time and gave the FB-7 to a friend since he wanted it. I kept the FB-XA with a largely incomplete set of coils with it. I could only use it on 80M with the coils I had.?

I later acquired a "AGS" with a full compliment of coils. As you probably know, the AGS and FB-7 use the same coils and can interchange.

I very recently acquired another FB-XA and PSK with almost a full set of coils, and a few "orphan" numbered coils to it. I can now possibly help out my friend who I gave my original FB-7 to with a coil set or two from the spares I now have.?

The FB-XA/PSK combo I recently acquired has a excellent reproduction of the original coil holder for the FB-7 series coils.?

Many thanks again for your information and wish you the best of luck with both of your FB-7 variants.

Joe Cro N3IBX
?
?
?
On 05/27/16, JAMES HANLON knjhanlon@... [AWAGroup] wrote:
?
?

Joe,
?
I'm glad that you have the means to find that PSK article.? Yes, I have both an FB7A and an FBX (non-A model).? I have coils for 160, 80, 40, and 20 that I normally assign to the FB7A and for 40 with the FBX.? I'm using a 697 "doghouse" power supply with them right now.? I added a 2.5 volt filament transformer to the 697 and put a few extra turns on the secondary to arrive at 2.5 volts on the filaments at the receiver.? I've got another power supply up in the attic that I think has 2.5 vac output, but it only arrived recently and I haven't gotten it on line as yet.? I have one spot in my classic gear lineup for either the FB7A or the FBX, so I sort of alternate between the two. Right now the FBX is in that position and the FB7A is up in the attic.
?
I found the FB7A in a Kansas City radio store, Associated Radio,?on a business trip in the '90s.? I brought it home to Albuquerque via a stop in Flint, Michigan.? It rode under my seat on the airplane.? The FBX was a gift from a friend here in NM.? It was rather rusty, but my pal thought I might want to remove the crystal filter and install it in my FB7A.? Not me - I cleaned up the FBX and got it operating as well, HI.? So now I have a pair.? They are still running with almost all of their original resistors and capacitors too. ?The

crystal filter in the FBX is very sharp.? It's a bit of a challenge to tune a signal into the peak and leave it there.? I run a Heath QF-1 with the FB7A, and it's a lot easier to peak a signal with that gadget because I can tune the QF-1 peak onto a signal after I get it tuned in initially on the receiver.? I don't have a PSK preselector, but I do have an RME DB-20 that I can switch in ahead of them.? I seldom use it on 80, sometimes on 40 if there is an image problem.?
?
The old FB7A and FBX are quite decent receivers, amazingly so considering they were modestly priced and made in 1933 - 34.? National did a good job on them!
?
73,
Jim, W8KGI
?
?

13598. Re: [AWA Group] 20 metres?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-28 14:37:51 UTC
From: N1BUG
Topic: 13590 Message: 13598

> crap Bugsy ... that sounds better than my rig on 160!

Somehow I doubt that Steve!

Nicely done.

Thanks. As I told Lou, it was probably a matter of luck.

73,
Paul "Bugsy" N1BUG

13599. RE: [AWA Group] 20 metres?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-28 15:02:47 UTC
From: Mike Feher
Topic: 13590 Message: 13599

That is really great. Although, the CW was so slow, I had to listen twice to get it, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, May 27, 2016 11:40 PM
To: AWAGroup
Subject: Fw: [AWA Group] 20 metres?

Has anyone here operated a self excited oscillator rig on 20 metres? If so, what were the results? Please describe the signal quality in all its glory.

<http://www.n1bug.com/sound/vintage/tnt-20m-test.mp3>
http://www.n1bug.com/sound/vintage/tnt-20m-test.mp3

73,
Bugsy

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free.
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13600. Re: Fw: [AWA Group] 20 metres?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-28 15:30:22 UTC
From: N1BUG
Topic: 13590 Message: 13600
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks guys.

For Don any anyone else who may be interested, here's the rest of the TNT/20M story.

Except for the fact I added a plate current meter (because I just can't resist those old Jewell meters!) and antenna coil (for feeding coax fed antennas), the circuit is pretty much straight out of December 1929 QST. I kept the original series B+ feed. I understand and accept the high voltage risks. There may be some minor layout changes. There are high resolution photos from too many angles on my web site which will show the layout. I suppose I was overly enthusiastic about the newly completed rig and went a bit photo happy.

The 20 meter grid coil is 9 turns, close spaced, 1 inch diameter. It is very critical. One turn more or one less did not work. What do I mean "did not work"? I mean the note became absolutely horrible or it went to spread spectrum! The plate coil is 3 turns 1/4 inch copper tubing spaced to be about 3-1/2 inches long with a right angle at one end to take up the remaining inch between the beehives. See photo. That is my "better" UX-210 in the recording. According to some info I got from Lou on date codes, both my tubes were made in the latter months of 1929. Both behave almost identically on 160, 80, 40 but one sounds quite a bit better on 20 for reasons beyond my understanding. The other is more chirpy and likes to take sudden jumps of 2 to 3 kc!

I don't have a bandspread condenser on mine. Tuning rate on 20 is hard to deal with. As I told Lou, hand capacity is a bear! I discovered the best way (for me) to get on a station's frequency on 20 meters is to tune it close by hand, then pull my hand away and lean my upper body toward or away from the rig a bit to fine tune. I can make it move over at least a 2 kc span easily. It may be unconventional but it works!

I still think it was mostly a matter of luck that it works on 20 meters. I tried making grid and plate coils for higher bands but did not have success above 20 meters. I have long had in mind to try space wound grid coils. Given my experience on 20 meters, it may be that one cannot fine tune the grid coil enough with close wound coils. Smaller diameter might be worth a try too. Just ideas at this point.

I didn't try working DX with it on 20. Aside from testing, I was only on once for the Linc Cundall event back when they allowed 20 meters in that. I worked a half dozen stations I think. I have worked England with the TNT on 160 meters and Portugal on 40 meters. Actually the VE7 guys are almost as far away from me. If I had the space to set it up or leave it set up without so much fuss I would no doubt have worked more DX with it. Most of the time the rig sits in the living room under an acrylic dust cover, causing guests to give it odd looks and eventually ask "What the heck is that thing?" :-)

73,
Paul "Bugsy" N1BUG

13601. Re: [AWA Group] 20 metres?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-28 15:33:16 UTC
From: N1BUG
Topic: 13590 Message: 13601

Although, the CW was so slow, I had to listen twice to get it, HI.

I know! What can I say, it was my first attempt at using a straight key in 25 years, HI.? I now have a iambic keyer that can key the rig, though I suppose that's sort of cheating.

73,
Paul "Bugsy" N1BUG

13602. RE: [AWA Group] 20 metres?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-28 15:40:33 UTC
From: Mike Feher
Topic: 13590 Message: 13602

You could have used a bug. That would not only be time appropriate but, also call and name appropriate, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, May 28, 2016 11:33 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] 20 metres?

Although, the CW was so slow, I had to listen twice to get it, HI.

I know! What can I say, it was my first attempt at using a straight key in 25 years, HI. I now have a iambic keyer that can key the rig, though I suppose that's sort of cheating.

73,
Paul "Bugsy" N1BUG

13603. Re: [AWA Group] 20 metres?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-28 16:32:34 UTC
From: Roger Kuchera
Topic: 13590 Message: 13603

GA Paul, I was impressed with the sound bite you sent of your SEO on 20 meters. The tad of 120 cycle adds distinctionto the proceeding! My kudos to you.
Roger/K1TG

On Saturday, May 28, 2016 11:40 AM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv9770501940 #yiv9770501940 -- #yiv9770501940 .yiv9770501940ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv9770501940 div.yiv9770501940ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv9770501940 div.yiv9770501940photo-title a, #yiv9770501940 div.yiv9770501940photo-title a:active, #yiv9770501940 div.yiv9770501940photo-title a:hover, #yiv9770501940 div.yiv9770501940photo-title a:visited {text-decoration:none;}#yiv9770501940 div.yiv9770501940attach-table div.yiv9770501940attach-row {clear:both;}#yiv9770501940 div.yiv9770501940attach-table div.yiv9770501940attach-row div {float:left;}#yiv9770501940 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv9770501940 div.yiv9770501940ygrp-file {width:30px;}#yiv9770501940 div.yiv9770501940attach-table div.yiv9770501940attach-row div div a {text-decoration:none;}#yiv9770501940 div.yiv9770501940attach-table div.yiv9770501940attach-row div div span {font-weight:normal;}#yiv9770501940 div.yiv9770501940ygrp-file-title {font-weight:bold;}#yiv9770501940 #yiv9770501940 #yiv9770501940 #yiv9770501940 -- _filtered #yiv9770501940 {font-family:Wingdings;panose-1:5 0 0 0 0 0 0 0 0 0;} _filtered #yiv9770501940 {panose-1:2 4 5 3 5 4 6 3 2 4;} _filtered #yiv9770501940 {font-family:Calibri;panose-1:2 15 5 2 2 2 4 3 2 4;} _filtered #yiv9770501940 {font-family:Tahoma;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv9770501940 {font-family:Verdana;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv9770501940 {font-family:Consolas;panose-1:2 11 6 9 2 2 4 3 2 4;}#yiv9770501940 #yiv9770501940 p.yiv9770501940MsoNormal, #yiv9770501940 li.yiv9770501940MsoNormal, #yiv9770501940 div.yiv9770501940MsoNormal {margin:0in;margin-bottom:.0001pt;font-size:12.0pt;}#yiv9770501940 a:link, #yiv9770501940 span.yiv9770501940MsoHyperlink {color:blue;text-decoration:underline;}#yiv9770501940 a:visited, #yiv9770501940 span.yiv9770501940MsoHyperlinkFollowed {color:purple;text-decoration:underline;}#yiv9770501940 p {margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv9770501940 code {}#yiv9770501940 pre {margin:0in;margin-bottom:.0001pt;font-size:10.0pt;}#yiv9770501940 tt {}#yiv9770501940 span.yiv9770501940cat {}#yiv9770501940 span.yiv9770501940ct {}#yiv9770501940 span.yiv9770501940HTMLPreformattedChar {font-family:Consolas;}#yiv9770501940 p.yiv9770501940attach, #yiv9770501940 li.yiv9770501940attach, #yiv9770501940 div.yiv9770501940attach {margin-right:0in;margin-left:0in;font-size:9.0pt;}#yiv9770501940 p.yiv9770501940bold, #yiv9770501940 li.yiv9770501940bold, #yiv9770501940 div.yiv9770501940bold {margin-right:0in;margin-left:0in;font-size:10.0pt;font-weight:bold;}#yiv9770501940 p.yiv9770501940green, #yiv9770501940 li.yiv9770501940green, #yiv9770501940 div.yiv9770501940green

{margin-right:0in;margin-left:0in;font-size:12.0pt;color:#628C2A;}#yiv9770501940
p.yiv9770501940replbq, #yiv9770501940 li.yiv9770501940replbq, #yiv9770501940
div.yiv9770501940replbq {margin:3.0pt;font-size:12.0pt;}#yiv9770501940 p.yiv9770501940ad,
#yiv9770501940 li.yiv9770501940ad, #yiv9770501940 div.yiv9770501940ad
{margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv9770501940
p.yiv9770501940underline, #yiv9770501940 li.yiv9770501940underline, #yiv9770501940
div.yiv9770501940underline
{margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv9770501940
span.yiv9770501940yshortcuts {}#yiv9770501940 p.yiv9770501940ad1, #yiv9770501940
li.yiv9770501940ad1, #yiv9770501940 div.yiv9770501940ad1
{margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv9770501940 p.yiv9770501940ad2,
#yiv9770501940 li.yiv9770501940ad2, #yiv9770501940 div.yiv9770501940ad2
{margin-right:0in;margin-bottom:7.5pt;margin-left:0in;font-size:12.0pt;}#yiv9770501940
p.yiv9770501940underline1, #yiv9770501940 li.yiv9770501940underline1, #yiv9770501940
div.yiv9770501940underline1 {margin-right:0in;margin-left:0in;font-size:12.0pt;text-decora
tion:underline;}#yiv9770501940 span.yiv9770501940yshortcuts1
{font-weight:bold;}#yiv9770501940 span.yiv9770501940yshortcuts2
{font-weight:normal;}#yiv9770501940 span.yiv9770501940EmailStyle36
{color:#1F497D;}#yiv9770501940 .yiv9770501940MsoChpDefault {font-size:10.0pt;} _filtered
#yiv9770501940 {margin:1.0in 1.0in 1.0in 1.0in;}#yiv9770501940
div.yiv9770501940WordSection1 {}#yiv9770501940 _filtered #yiv9770501940 {} _filtered
#yiv9770501940 {font-family:Symbol;} _filtered #yiv9770501940 {} _filtered #yiv9770501940
{font-family:Wingdings;} _filtered #yiv9770501940 {font-family:Wingdings;} _filtered
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_filtered #yiv9770501940 {font-family:Wingdings;} _filtered #yiv9770501940
{font-family:Wingdings;} _filtered #yiv9770501940 {font-family:Wingdings;}#yiv9770501940
ol {margin-bottom:0in;}#yiv9770501940 ul {margin-bottom:0in;}#yiv9770501940

You could have used a bug. That would not only be time appropriate but, also call and name appropriate, HI. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960
 From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, May 28, 2016 11:33 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] 20 metres? Although, the CW was so slow, I had to listen twice to get it, HI.

I know! What can I say, it was my first attempt at using a straight key in 25 years, HI. I now have a iambic keyer that can key the rig, though I suppose that's! sort of cheating.

73,
Paul "Bugsy" N1BUG

13604. Re: Fw: [AWA Group] 20 metres? [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-28 17:47:33 UTC
From: Steve
Topic: 13590 Message: 13604

Good stuff Paul ... should still be some F2 next fall on ten :-))

Steve 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

13605. Re: Fw: [AWA Group] 20 metres?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-28 22:29:24 UTC
From: dulmagedon@...
Topic: 13590 Message: 13605

Thank you Paul. Very informative.
donVE3LYX

13606. Re: Memphis Bell Radio Op Passes Into History

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-29 06:24:19 UTC
From: dulmagedon@...
Topic: 13595 Message: 13606

Very interesting story. What a way to go!
Does anyone know what the Memhis Belle had for Radio gear? I had heard ARC5 however that may not be correct.
I am always intriqued by Aircraft HF radios. Especially when they still work.(I may have inherited that interest)
I believe I have the movie "The Memphis Belle" here in a drawer on VHS. How close it comes to the facts, I don't know.
donVE3LYX

13607. Re: [AWA Group] Re: Memphis Bell Radio Op Passes Into History

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-29 13:27:38 UTC
From: Roger Kuchera
Topic: 13595 Message: 13607

In re: to B17 radio gear: We had a B17G visit a local airport (Oxford, CT) a couple of years ago and my recallas to the outfit that was aboard "The 505", It had a BC-348 and 5 ARC-5 transmitters and a J-38 key. It was avery cramped shack. Definitely not for fat, old guys like myself. :) :) The sparks doubled as top gunner. BTW:non of it was operational. Roger/K1TG

On Sunday, May 29, 2016 2:24 AM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv0447049436 #yiv0447049436 .yiv0447049436ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv0447049436 div.yiv0447049436ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv0447049436 div.yiv0447049436photo-title a, #yiv0447049436 div.yiv0447049436photo-title a:active, #yiv0447049436 div.yiv0447049436photo-title a:hover, #yiv0447049436 div.yiv0447049436photo-title a:visited {text-decoration:none;}#yiv0447049436 div.yiv0447049436attach-table div.yiv0447049436attach-row {clear:both;}#yiv0447049436 div.yiv0447049436attach-table div.yiv0447049436attach-row div {float:left;}#yiv0447049436 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv0447049436 div.yiv0447049436ygrp-file {width:30px;}#yiv0447049436 div.yiv0447049436attach-table div.yiv0447049436attach-row div div a {text-decoration:none;}#yiv0447049436 div.yiv0447049436attach-table div.yiv0447049436attach-row div div span {font-weight:normal;}#yiv0447049436 div.yiv0447049436ygrp-file-title {font-weight:bold;}#yiv0447049436 --> <!--#yiv0447049436 #yiv0447049436ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv0447049436 #yiv0447049436ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv0447049436 #yiv0447049436ygrp-mkp #yiv0447049436hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv0447049436 #yiv0447049436ygrp-mkp #yiv0447049436ads {margin-bottom:10px;}#yiv0447049436 #yiv0447049436ygrp-mkp .yiv0447049436ad {padding:0 0;}#yiv0447049436 #yiv0447049436ygrp-mkp .yiv0447049436ad p {margin:0;}#yiv0447049436 #yiv0447049436ygrp-mkp .yiv0447049436ad a {color:#0000ff;text-decoration:none;}-->

Very interesting story. What a way to go!
Does anyone know what the Memhis Belle had for Radio gear? I had heard ARC5 however that may not be correct.
I am always intriqued by Aircraft HF radios. Especially when they still work.(I may have inherited that interest)
I believe I have the movie "The Memphis Belle" here in a drawer on VHS. How close it comes to the facts, I don't know.
donVE3LYX

13608. Re: [AWA Group] 20 metres?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-29 13:45:01 UTC
From: N1BUG
Topic: 13590 Message: 13608

You could have used a bug. That would not only be time appropriate but, also call and name appropriate, HI.

35 years on the air but despite my call and nickname I have never tried a bug.

73,
Paul "Bugsy" N1BUG

13609. RE: [AWA Group] 20 metres?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-29 14:07:08 UTC
From: Mike Feher
Topic: 13590 Message: 13609

They are pretty easy to get used to, especially since you have already used a keyer. I always used one in the AWA contests and field day events. 73- Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, May 29, 2016 9:45 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] 20 metres?

You could have used a bug. That would not only be time appropriate but, also call and name appropriate, HI.

35 years on the air but despite my call and nickname I have never tried a bug.

73,
Paul "Bugsy" N1BUG

13610. Re: [AWA Group] Re: Memphis Bell Radio Op Passes Into History

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-29 21:05:41 UTC
From: dulmagedon@...
Topic: 13595 Message: 13610

Thanks Roger,
That is too bad. The ARC5s are a very ingenious transmitter. I really enjoy running mine. Very simple but decent units. i find them a bit amazing. In fact I have the 160m one the 80M one and have been tempted to buy one for 40M. Mods to use take about a half day. (Split filament supply, disable relay install key jack . Supply screens (I prefer the dropping resistor but have done it both ways. Change the white capacitor on the front of the tank as it WILL fail! Install power cable and plug for shack PSU and away we go!)
I can see the BC 348 as the little ARC5 rxs seem a bit deaf to me. I have a BC454. Wouldn't want my life depending on it.
(BTW been working on the sort of WESKIT BN-1 clone. Almost done. Fun build. Like doing a kit but without instructions. Hope it works!)
donVe3LYX

13611. Weston 429 meter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-30 17:55:27 UTC
From: aflowers@frontiernet.net
Topic: 13611 Message: 13611
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Folks,
I have a old Weston Model 429 surface-mount meter that I need some help dating (even if only approximately). I've attached a picture. It's about 4-1/2" in diameter including the mounting skirt. This one is marked "KS 6189" above the dial and also has five patent dates above, the last of which is 1913, and it sports a SN of 22656. All of these makes me believe its "old", but I'd like to get more specific if I can. The shell is black-painted metal, not bakelite, which is appropriate since this sticks up about 2" above whatever it's mounted to and likely would take some knocks. I have yet to find a catalog or advertisement with this model number in it, but I might not even be looking in the right decade or industry.
These may all be clues to someone who knows meters, but I don't and I'd like to learn. If anyone knows some good meter references for the common manufacturers pre-1930 please let me know. I'll keep digging in the meantime.
Thanks!
Andy K0SM/2

13612. RE: [AWA Group] Weston 429 meter [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-30 18:20:47 UTC
From: Mike Feher
Topic: 13611 Message: 13612

Andy –

The KS numbering system was widely used by WE for items that they used manufactured by some other outfit. I would think it was used on an early WWI WE transmitter. Right now it skips my gray matter what the K stands for, but, I know the S stands for Shops. I know the K is the name of a city. It was the location where WE purchased from outside manufacturers and assigned a KS number to all this items. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, May 30, 2016 1:55 PM
To: yahoogroups
Subject: [AWA Group] Weston 429 meter [1 Attachment]

Hi Folks,

I have a old Weston Model 429 surface-mount meter that I need some help dating (even if only approximately). I've attached a picture. It's about 4-1/2" in diameter including the mounting skirt. This one is marked "KS 6189" above the dial and also has five patent dates above, the last of which is 1913, and it sports a SN of 22656. All of these makes me believe its "old", but I'd like to get more specific if I can. The shell is black-painted metal, not bakelite, which is appropriate since this sticks up about 2" above whatever it's mounted to and likely would take some knocks. I have yet to find a catalog or advertisement with this model number in it, but I might not even be looking in the right decade or industry.

These may all be clues to someone who knows meters, but I don't and I'd like to learn. If anyone knows some good meter references for the common manufacturers pre-1930 please let me know. I'll keep digging in the meantime.

Thanks!

Andy K0SM/2

13613. Re: [AWA Group] Weston 429 meter [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-30 18:22:10 UTC
From: Bill Burns
Topic: 13611 Message: 13613

The Model 429 is not in Weston's early 1900s catalog, nor in ones from 1939 and later, so 1920s is probably a good guess. I don't have any catalogs from that period, unfortunately.

Bill

On 5/30/2016 1:55 PM, 'aflowers@...'
aflowers@... [AWAGroup] wrote:
>
>
> Hi Folks,
>
> I have a old Weston Model 429 surface-mount meter that I need some help
> dating (even if only approximately). I've attached a picture. It's
> about 4-1/2" in diameter including the mounting skirt. This one is
> marked "KS 6189" above the dial and also has five patent dates above,
> the last of which is 1913, and it sports a SN of 22656. All of these
> makes me believe its "old", but I'd like to get more specific if I can.
> The shell is black-painted metal, not bakelite, which is appropriate
> since this sticks up about 2" above whatever it's mounted to and likely
> would take some knocks. I have yet to find a catalog or advertisement
> with this model number in it, but I might not even be looking in the
> right decade or industry.
>
> These may all be clues to someone who knows meters, but I don't and I'd
> like to learn. If anyone knows some good meter references for the
> common manufacturers pre-1930 please let me know. I'll keep digging in
> the meantime.
>
> Thanks!
>
> Andy K0SM/2

13614. Re: [AWA Group] Weston 429 meter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-30 18:26:51 UTC
From: Charles Milton
Topic: 13611 Message: 13614

K stands for Kearney (NJ)......
S stands for System. The numbering system used by Western Electric.

S is often (mis-) quoted as meaning Standard.

73
Chuck
W4MIL

Sent from my iPad

> On May 30, 2016, at 2:20 PM, 'Mike Feher' n4fs@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
>
>
> Andy –
>
> The KS numbering system was widely used by WE for items that they used manufactured by some other outfit. I would think it was used on an early WWI WE transmitter. Right now it skips my gray matter what the K stands for, but, I know the S stands for Shops. I know the K is the name of a city. It was the location where WE purchased from outside manufacturers and assigned a KS number to all this items. 73 – Mike
>
> Mike B. Feher, N4FS
> 89 Arnold Blvd.
> Howell, NJ, 07731
> 732-886-5960
>
> From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> Sent: Monday, May 30, 2016 1:55 PM
> To: yahoogroups
> Subject: [AWA Group] Weston 429 meter [1 Attachment]
>
>
>
> Hi Folks,
>
> I have a old Weston Model 429 surface-mount meter that I need some help dating (even if only approximately). I've attached a picture. It's about 4-1/2" in diameter including the mounting skirt. This one is marked "KS 6189" above the dial and also has five patent dates above, the last of which is 1913, and it sports a SN of 22656. All of these makes me believe its "old", but I'd like to get more specific if I can. The shell is black-painted metal, not bakelite, which is appropriate since this sticks up about 2" above whatever it's mounted to and likely would take some knocks. I have yet to find a catalog or advertisement with this model number in it, but I might not even be looking in the right decade or industry.

>
> These may all be clues to someone who knows meters, but I don't and I'd like to learn. If anyone knows some good meter references for the common manufacturers pre-1930 please let me know. I'll keep digging in the meantime.
>
> Thanks!
>
> Andy K0SM/2
>
>
>
>
>
>

13615. Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-31 03:46:40 UTC
From: dulmagedon@...
Topic: 13615 Message: 13615

For years I saw the ad in all the popular magazines for the Weskit Transceiver , $14.95 I think it was. Always wondered what it would be like but never had the guts to buy one. A few days ago I was reading a discussion on them and someone was going on at length about what crap they were and how they were designed etc etc. I couldn't find a schematic but N9TY gave me a link. Once I saw the schematic I realized the person doing the talking didnt really know anything about the set and his description of how it worked was a far cry from the actual design. Typical so I wasn't surprised. I decided to build one sort off. I wasn't going to have crystal control but the same basic idea. So I raided my junk box and started the build last friday. The set uses a single tube 1/2 for Regen for an RX , 1/2 for TX. Pretty simple. Original tube was a 3A5 which I don't have but I do have some 12ax7 tubes so that is was that I used. I built it without the schematic but it is hartley based (Now) I finished it this morning and smoke tested it. Tonight I started setting itup and testing. Silly thing works pretty good all considered. I am currently sorting through grd leaks and coupling links. i also have to sync the two coils (One for Tx and one for RX)
I tuned it with a dual gang cap with bandspread as well onthe RX side so have to adjust the Tx tank as close as possible but looks like it will work. So far it is very encouraging. The 3a5 would work as well or a 6sl7 type or even a old 19 for a vintage version but bottom line is it is a usable idea for budget portable rig. .One side of the dual triode does tx only and one side does Rx only. A key with a shorting handle would be an asset and I don't have one (yet) and I need to install a binding post for the antenna . While the 12ax7 is outside the normal years for our stuff the concept lends itself to other dual triodes and might be worth exploring. We shall see when I get all the rubbing done. Fun build though.
donVe3LYX

13616. Re: [AWA Group] Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-31 05:12:42 UTC
From: Niel - W0VLZ
Topic: 13615 Message: 13616
Attachments: 2 described; binary payloads are missing from this source WARC

Don,

As shipped the Weskit BN-1 was toy.

You made a major improvement when you added bandspread. The 80/40 meter BN-1 receiver tuned from 3.4MHz to 7.5MHz in three turns of the dial including all of the spectrum in between. The "plastoid" cabinet doesn't help the toy impression either. Then crafty ad wording leading the novice to expect coast to coast communications with this set really hurts.

You can certainly build a better dual triode transmitter-receiver but then it won't be a BN-1.

Niel - W0VLZ

dulmagedon@... [AWAGroup] wrote:
>
> For years I saw the ad in all the popular magazines for the Weskit
> Transceiver , $14.95 I think it was. Always wondered what it would be
> like but never had the guts to buy one. A few days ago I was reading a
> discussion on them and someone was going on at length about what crap
> they were and how they were designed etc etc. I couldn't find a
> schematic but N9TY gave me a link. Once I saw the schematic I realized
> the person doing the talking didnt really know anything about the set
> and his description of how it worked was a far cry from the actual
> design. Typical so I wasn't surprised. I decided to build one sort
> off. I wasn't going to have crystal control but the same basic idea.
> So I raided my junk box and started the build last friday. The set
> uses a single tube 1/2 for Regen for an RX , 1/2 for TX. Pretty
> simple. Original tube was a 3A5 which I don't have but I do have
> some 12ax7 tubes so that is was that I used. I built it without ! the
> schematic but it is hartley based (Now) I finished it this morning and
> smoke tested it. Tonight I started setting itup and testing. Silly
> thing works pretty good all considered. I am currently sorting through
> grd leaks and coupling links. i also have to sync the two coils (One
> for Tx and one for RX)
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> so have to adjust the Tx tank as close as possible but looks like it
> will work. So far it is very encouraging. The 3a5 would work as well
> or a 6sl7 type or even a old 19 for a vintage version but bottom line
> is it is a usable idea for budget portable rig. .One side of the dual
> triode does tx only and one side does Rx only. A key with a shorting
> handle would be an asset and I don't have one (yet) and I need to
> install a binding post for the antenna . While the 12ax7 is outside
> the normal years for our stuff the concept lends itself to other dual

> triodes and might be worth exploring. We sh! all see when I get all
> the rubbing done. Fun build though.
> donVe3LYX
>
>
>

13617. Re: [AWA Group] Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-31 10:04:01 UTC
From: dulmagedon@...
Topic: 13615 Message: 13617

All true and it isn't a BN-1 but the influence is certainly there.
Since I had built my VFO/ buffer using a hartley in a stainless Kleenex box and several of you have worked me on 40M and 80m on my DX60B using that I knew that side would be OK. A 12ax7 despite its small size is a prettty decent tube. And since I had built my first ever regen (in the 60s) using one I knew it would work there.
The question was would one section supply enough for a VFO hartley transmitter and would one section have enough to e a usable Regen with no additional audio amp. Surprisingly the answer turns out to be yes. And this may be a bit of a toy as well however it works. And I think I am in out of pocket probably about $15. Also it runs on AC based PSU without hum . I took the 4 and 5 pin and the centre tap filament pin (for 6 volt operation.) I braided the leads from 4 and 5 using the centre tap 's lead as the third centre braid. Took the 4 and 5 leads to 12Volts AC and took the centre braid to ground through a .01 cap. I am thinking that is why. it could also be done with the 3A5. I think I will spring for an expanded metal shell for it. I didn't draw a schematic but it is just two hartleys. one with regen pot and phones and a 1 megohm/ 200 pf GRDLK and the other with a 15K/680pf GRDLK and a KEY with the plate circuit returned to ground through a .001 cap.. Each hartley has its own slug tuned ceramic coil form.
I will take a breather today as I want to try some 160M AM with the ARC5 (Grey Hair Net?)this morning then go back at trying to perfect it a bit more. The placement of the phones in the circuit has quite an influence on volume. More then I would have thought. It is currently in plate circuit B + but also works well in B neg and if I had a 3 pole dual throw switch that is where it would end up. I will probably sometime do a 19 tube version.
donVE3LYX

13618. Re: [AWA Group] Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-31 13:49:01 UTC
From: dulmagedon@...
Topic: 13615 Message: 13618
Attachments: 2 described; binary payloads are missing from this source WARC

Here are a couple of quick pics of the DN-1 (for Don). I was able to sync the t and r circuits with the R circuit more or less with the bandspread in central position so I can look above and below a few KCs easily.
Fun build but I will soon need a bigger shack. ;>) T/R switch switches B plus and ant between T section and R section. Rig is cathode keyed. I think an ancient version (19tube) would be fun. I haven't measured power out yet but I suspect a 12ax7 triode section could hold its own against an 01A for instance.
donVe3LYX

13619. Re: Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-31 15:06:36 UTC
From: Niel - W0VLZ
Topic: 13615 Message: 13619

Don,

Does your DN-1 track over both 40 and 80 or did you limit it to one band?

If I put mine on the air I'll probably add series and parallel caps to
the receiver tuning cap as a reversible modification to get it to cover
only 40 meter CW.

Niel - W0VLZ

dulmagedon@... [AWAGroup] wrote:
>
> Here are a couple of quick pics of the DN-1 (for Don). I was able to
> sync the t and r circuits with the R circuit more or less with the
> bandspread in central position so I can look above and below a few KCs
> easily.
> Fun build but I will soon need a bigger shack. ;>) T/R switch switches
> B plus and ant between T section and R section. Rig is cathode keyed.
> I think an ancient version (19tube) would be fun. I haven't measured
> power out yet but I suspect a 12ax7 triode section could hold its own
> against an 01A for instance.
> donVe3LYX
>
>
>
> DN-1 B.jpg
>
>
>
> DN-1 A.jpg
>
>

13620. RE: [AWA Group] Re: Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-31 15:47:01 UTC
From: Mike Feher
Topic: 13615 Message: 13620

How does the antenna get to the receiver in the original BN-1? Is it strictly inductive coupling? Seems like they are separated a fair distance. What am I missing? Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@...m [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, May 31, 2016 11:07 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: Weskit transceiver

Don,

Does your DN-1 track over both 40 and 80 or did you limit it to one band?

If I put mine on the air I'll probably add series and parallel caps to
the receiver tuning cap as a reversible modification to get it to cover
only 40 meter CW.

Niel - W0VLZ

dulmagedon@... [AWAGroup] wrote:
>
> Here are a couple of quick pics of the DN-1 (for Don). I was able to
> sync the t and r circuits with the R circuit more or less with the
> bandspread in central position so I can look above and below a few KCs
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> Fun build but I will soon need a bigger shack. ;>) T/R switch switches
> B plus and ant between T section and R section. Rig is cathode keyed.
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> power out yet but I suspect a 12ax7 triode section could hold its own
> against an 01A for instance.
> donVe3LYX
>
>
>
> DN-1 B.jpg
>
>
>
> DN-1 A.jpg

>
>

13621. Re: Re: [AWA Group] Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-31 16:35:25 UTC
From: N3IBX
Topic: 13615 Message: 13621

Hello Don,?
? ? ? ? ? ? ? ?You mentioned trying out some 160M AM with your ARC 5. I'm curious, do you have the screen modulator for it or do you use plate modulation with your ARC 5 setups? I know the screen modulators are fairly common and the plate modulators are very scarce and sought after. Most ARC 5's I've heard on plate modulated AM use a homebrewski plate modulator. Let me know how you make out when you try it

Just a FYI: I have a British "Codar" AT5 MkII I'm trying to make operational for both 160M and 75M AM. It'll do around 5W output once I get it going. The Codar AT5 uses a modified Heising setup with a modulation choke, and is VFO controlled for both of it's bands. It dates to the mid 1960's. The were very popular in the UK, especially for the lower classes of licensees at the time, but extinct here in North America where they weren't sold or marketed. Possibly sometime we could have a 160M AM QSO once I get my set operational.

I was wondering if anyone on the AWA reflector either has a Codar AT5 or has any experience operating one. I'd like to hear from you at my email address: n3ibx@....?

Mod-U-Later,
? ? ? ? ? ? ? ? ? ?Joe Cro N3IBX

?
?
On 05/31/16, dulmagedon@... [AWAGroup] wrote:
?

All true? and it isn't a BN-1 but the influence is certainly there.
Since I had built my VFO/ buffer using a hartley in a stainless Kleenex box and several of you have worked me on 40M and 80m on my DX60B using that I knew that side would be OK. A 12ax7 despite its small size is a prettty decent tube. And since I had built my first ever regen (in the 60s) using one I knew it would work there.
The question was would one section supply enough for a VFO hartley transmitter and would one section have enough to e a usable Regen with no additional audio amp. Surprisingly the answer turns out to be yes.? And this may be a bit of a toy as well however it works. And I think I am in out of pocket probably about $15. Also it runs on AC based PSU without hum . I took the 4 and 5 pin and the centre tap filament pin (for 6 volt operation.) I braided the leads from 4 and 5 using the centre tap 's lead as the third centre braid. Took the 4 and 5 leads to 12Volts AC and took the centre braid to ground through a .01 cap. I am thinking that is why. it could also be done with the 3A5. I think I will spring for an expanded metal shell for it. I didn't draw a schematic but it is just two hartleys. one with regen pot and phones and a 1 megohm/ 200 pf GRDLK and the other with a 15K/680pf GRDLK and a KEY with the plate circuit returned to ground through a .001 cap.. Each hartley has its own slug tuned ceramic coil form.
I will take a breather today as I want to try some 160M AM with the ARC5 (Grey Hair Net?)this morning then go back at trying to perfect it a bit more. The placement of the phones in the circuit has quite an influence on volume. More then I would have thought. It is currently in plate circuit B + but also works well in B neg and if I had a 3 pole dual

throw switch that is where it would end up.? I will probably sometime do a 19 tube version. donVE3LYX?

13622. Re: Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-31 16:48:17 UTC
From: Niel - W0VLZ
Topic: 13615 Message: 13622

Mike,

The BN-1 manual says:

The coupling to the receiver is had through the interelectrode capacity of the dual triode 3A5 tube and no direct connection is required for the receiver - nor will it improve reception....the transmitter tuned circuit acts like a pre-selector for the receiver and "peaks up" or makes signals a great deal stronger.

I am pretty impressed with the amount of information in the five page manual. Maybe I was a little to harsh to call the BN-1 a "toy". It would certainly benefit from bandspread but Weskit intended it to be put on the air.

73,
Niel - W0VLZ

'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> How does the antenna get to the receiver in the original BN-1? Is it
> strictly inductive coupling? Seems like they are separated a fair
> distance. What am I missing? Thanks & 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
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> 732-886-5960
>
>

13623. RE: [AWA Group] Re: Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-31 17:18:50 UTC
From: Mike Feher
Topic: 13615 Message: 13623

Niel –

I considered that, and even looked it up, thinking that the plate to plate is the only way it would work and did not expect to find it. However it was shown as 0.3 pf and I dismissed that possibility as I felt it was too small considering the lower impedance of the plate circuits. Guess I was wrong. Pretty clever on the designers part. Wonder if it was designed that way on purpose or realized by accident. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, May 31, 2016 12:48 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: Weskit transceiver

Mike,

The BN-1 manual says:

The coupling to the receiver is had through the interelectrode capacity
of the dual triode 3A5 tube and no direct connection is required for the
receiver - nor will it improve reception....the transmitter tuned
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I am pretty impressed with the amount of information in the five page
manual. Maybe I was a little to harsh to call the BN-1 a "toy". It would
certainly benefit from bandspread but Weskit intended it to be put on
the air.

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> How does the antenna get to the receiver in the original BN-1? Is it
> strictly inductive coupling? Seems like they are separated a fair
> distance. What am I missing? Thanks & 73 – Mike
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>

13624. Re: [AWA Group] Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-31 18:37:23 UTC
From: Larry Szendrei
Topic: 13615 Message: 13624

Hi Don,

The Grey Hair Net starts at 8:30PM this time of year, on 1945 KHz. I plan on being in there tonight; I hope I hear you. Tonite I think I'll run my homebrew screen-modulated sweep tube rig into the (also homebrew) 3-1000Z amp.

73,
-Larry/NE1S

On 5/31/16 6:04 AM, dulmagedon@... [AWAGroup] wrote:
>
>
> I will take a breather today as I want to try some 160M AM with the
> ARC5 (Grey Hair Net?)this morning
>

13625. Re: Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-31 18:54:25 UTC
From: dulmagedon@...
Topic: 13615 Message: 13625

Hi, I made it for 40M although I am sure it would do 30m as well. I have a bit more testing to do on the Tx section and then I will be ready hopefully for an on air QSO.
donVe3LYX

13626. Re: [AWA Group] Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-31 19:05:52 UTC
From: dulmagedon@...
Topic: 13615 Message: 13626

Oh it is 830 PM! No wonder no one was on this morning! Embarrassing. Larry, I should be able to hear that easy enough! I have had my 80M ARC5 on the 811 linear but want to try this one barefoot.
Joe, I use a cathode modulator I built. I use it on a lot of my rigs which are cathode keyed and while it doesn't approach 100% mod it does work and I have used it successfully for a few years. It even works on my 2111 Hartley. I am up for a test of your UK rig anytime.
Sounds like there are a few Weskits around in basements. I will still pick one up if I get the chance.
I am going to go down to Studio B now and work on the Tx output. If all go well I will be on or about 7040kcs.
DonVe3LYX

13627. Early thermocouple RF ammeters

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-05-31 21:40:57 UTC
From: aflowers@frontiernet.net
Topic: 13627 Message: 13627

Hi Guys,
While on my meter quest, I have a questions about Early RF Ammeters, specifically the Weston models.
It looks like some Weston 425 meters had internal thermocouples while some don't. The one I've seen the most is labelled in "Amperes RF" or "Milliamperes RF" above the dial. I've also seen some Weston 425 meters that say "Thermo-galvanometer" and just have a linear scale from 0-100 labelled "Current squared". Maybe these are just older or for the scientific market. Finally, I've seen external thermocouples on a bakelite block labelled "Weston 425 thermocouple" or something similar with four terminals--two terminals on a shunt and two where presumably a DC mA meter (or the 425 meter without the built-in thermocouple?) was to be wired in.
My guess is that "current squared" is just some standard DC mA meter in a relative linear scale because these are nominally square-law detectors. This would allowed one meter to be used with different thermocouples and be "always right"....but I'm guessing.
So...
1. What were the external thermocouples supposed to be used with? 2. Did Weston sell the external thermocouples separately or did they come as package with a matching meter?3. Is there some rule or marking that indicates whether a given Model 425 has in internal thermocouple or requires an external one?
Thanks for your wisdom, as always!
Andy K0SM/2

13628. Re: [AWA Group] Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-01 02:33:29 UTC
From: dulmagedon@...
Topic: 13615 Message: 13628

I have the power level up a bit but I would ike to see some more. The rig works well all considered. Clean signal. The regen with out an audio stage does a decent job. It is at the bottom of the band just in operation and I am thinking that through on possibilities to move that spot into solid op zone but it is certainly useable. there is no hum what so ever even though it is on a Hb AC supply and full AC filaments. I am quite surprised. In fact it can hear everything my Digital rx does but volume is low. I may build a combo PS and audio amp which would bring it up to good level however there is something neat about faint but copyable signals as well. Sure is fun to run.
I could hear the Grey hair Net but not to operational levles. Just a snatch of a full sentence now and then but nothing solid. I had the Dx394 on for that. Must be other 160M Am activity. I will try and find someone I can hear . donVe3LYX

13629. Re: [AWA Group] Weston 429 meter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-01 12:18:48 UTC
From: aflowers@frontiernet.net
Topic: 13611 Message: 13629

Thanks everyone for the information on the KS-number on the Weston 429 meter. It looks like the Kearny plant was built in around 1924 or 25, so I wonder if the KS really has to do with Kearny or if it just got associated with it early on after some obscure beginning. Has anyone seen a KS number on a pre-1924 equipment?
Thanks again!
Andy K0SM/2

On Monday, May 30, 2016 2:27 PM, "Charles Milton CEMILTON@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  K stands for Kearney (NJ)......S stands for System. The numbering system used by Western Electric.
S is often (mis-) quoted as meaning Standard.
73ChuckW4MIL

Sent from my iPad
On May 30, 2016, at 2:20 PM, 'Mike Feher' n4fs@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Andy – The KS numbering system was widely used by WE for items that they used manufactured by some other outfit. I would think it was used on an early WWI WE transmitter. Right now it skips my gray matter what the K stands for, but, I know the S stands for Shops. I know the K is the name of a city. It was the location where WE purchased from outside manufacturers and assigned a KS number to all this items. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, May 30, 2016 1:55 PM
To: yahoogroups
Subject: [AWA Group] Weston 429 meter [1 Attachment]   Hi Folks, I have a old Weston Model 429 surface-mount meter that I need some help dating (even if only approximately). I've attached a picture. It's about 4-1/2" in diameter including the mounting skirt. This one is marked "KS 6189" above the dial and also has five patent dates above, the last of which is 1913, and it sports a SN of 22656. All of these makes me believe its "old", but I'd like to get more specific if I can. The shell is black-painted metal, not bakelite, which is appropriate since this sticks up about 2" above whatever it's mounted to and likely would take some knocks. I have yet to find a catalog or advertisement with this model number in it, but I might not even be looking in the right decade or industry. These may all be clues to someone who knows meters, but I don't and I'd like to learn.   If anyone knows some good meter references for the common manufacturers pre-1930 please let me know. I'll keep digging in the meantime.   Thanks! Andy K0SM/2

13630. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-01 14:06:23 UTC
From: Louis Vermond
Topic: 130 Message: 13630

http://www.ebay.com/itm/Wave-Meters-I-129-B-1-5-to-40-Mhz-Set-of-4-Wave-Meters-Ham-Radio-/262463075073?hash=item3d1c04b301:g:yM8AAOSwwPhWhgQJ

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13631. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-01 15:44:20 UTC
From: Mike Feher
Topic: 130 Message: 13631

I have the same thing for $35 plus shipping. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, June 01, 2016 10:06 AM
To: AWAGroup
Subject: [AWA Group] eBay Alert

<http://www.ebay.com/itm/Wave-Meters-I-129-B-1-5-to-40-Mhz-Set-of-4-Wave-Met
ers-Ham-Radio-/262463075073?hash=item3d1c04b301:g:yM8AAOSwwPhWhgQJ>
http://www.ebay.com/itm/Wave-Meters-I-129-B-1-5-to-40-Mhz-Set-of-4-Wave-Mete
rs-Ham-Radio-/262463075073?hash=item3d1c04b301:g:yM8AAOSwwPhWhgQJ

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campai
gn=sig-email&utm_content=emailclient>

Virus-free.
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campai
gn=sig-email&utm_content=emailclient> www.avast.com

13632. Maple Syrup Net TONIGHT with Special Guest

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-01 22:52:47 UTC
From: Louis Vermond
Topic: 13632 Message: 13632
Attachments: 1 described; binary payloads are missing from this source WARC

Maple Syrup Net Tonight

3843Kc. 8PM EDST All Modes Welcomed

This evening the Net will be honoured by a special guest, Professor Dr. Cro who will deliver his renowned lecture...

The Rectification of Small Radio Frequency Potential Differences by means of Triode Valves.

By Dr. Joseph Marconi Cro B.Sc., PhD., A.C. , P.H.O.O.P.Y., G.L, D.L, B.S., & N3IBX

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13633. Re: [AWA Group] Maple Syrup Net TONIGHT with Special Guest

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-01 23:13:16 UTC
From: Larry Szendrei
Topic: 13632 Message: 13633
Attachments: 1 described; binary payloads are missing from this source WARC

Isn't it great the way mathematics facilitates the understanding of
technology? ;-)

73,
-Larry/NE1S

On 6/1/16 6:52 PM, 'Louis Vermond' ldvermond@... [AWAGroup] wrote:
>
> Maple Syrup Net Tonight
> _3843Kc. 8PM EDST All Modes Welcomed_
> This evening the Net will be honoured by a special guest, Professor
> Dr. Cro who will deliver his renowned lecture...
> *The Rectification of Small Radio Frequency Potential Differences by
> means of Triode Valves. *
> By Dr. Joseph Marconi Cro B.Sc., PhD., A.C. , P.H.O.O.P.Y., G.L,
> D.L, B.S., & N3IBX
>
> <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email
&utm_content=emailclient>
> Virus-free. www.avast.com
> <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email
&utm_content=emailclient>
>
>
>

13634. Utah Jr Clone or real?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-02 04:41:14 UTC
From: Niel - W0VLZ
Topic: 13634 Message: 13634

See:
http://www.ebay.com/itm/1937-Utah-6l6-Jr-CW-Qrp-Transmitter-PRISTINE-MUST-C-C-MY-OTHER-HAM-RADIO-GEAR-/172226985386?hash=item2819873daa:g:YdwAAOSwgtJXT03f

Is it real or a clone? Compare to:

http://w1ujr.net/utah-jr-project

http://w0vlz.blogspot.com/2014/05/utah-jr-transmitter.html

http://www.ebay.com/itm/Vintage-1937-NOS-Utah-Radio-Products-Utah-Jr-UAT-HAM-Tube-Radio-Transmitter-/231576672773?nma=true&si=H7TzJxx8fnx0pq3Qbobay84t2wo%253D&orig_cvip=true&rt=nc&_trksid=p2047675.l2557

73,
Niel - W0VLZ

13635. Re: [AWA Group] Utah Jr Clone or real?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-02 10:37:02 UTC
From: Louis Vermond
Topic: 13634 Message: 13635

GM Niel,

I was just comparing this with other Jr.s including yours. Not sure yet. Looking forward to Group comments. Lou

----- Original Message -----
From: Niel - W0VLZ w0vlz@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-06-02 12:41 AM
Subject: [AWA Group] Utah Jr Clone or real?

See:
http://www.ebay.com/itm/1937-Utah-6l6-Jr-CW-Qrp-Transmitter-PRISTINE-MUST-C-C-MY-OTHER-HAM-RADIO-GEAR-/172226985386?hash=item2819873daa:g:YdwAAOSwgtJXT03f

Is it real or a clone? Compare to:

http://w1ujr.net/utah-jr-project

http://w0vlz.blogspot.com/2014/05/utah-jr-transmitter.html

http://www.ebay.com/itm/Vintage-1937-NOS-Utah-Radio-Products-Utah-Jr-UAT-HAM-Tube-Radio-Transmitter-/231576672773?nma=true&si=H7TzJxx8fnx0pq3Qbobay84t2wo%253D&orig_cvip=true&rt=nc&_trksid=p2047675.l2557

73,
Niel - W0VLZ

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13636. Re: [AWA Group] Utah Jr Clone or real?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-02 10:46:55 UTC
From: Louis Vermond
Topic: 13634 Message: 13636
Attachments: 2 described; binary payloads are missing from this source WARC

Note variables and on...

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13637. Re: [AWA Group] Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-02 11:18:43 UTC
From: dulmagedon@...
Topic: 13615 Message: 13637

I am having a lot of fun with the little rig. I ordered a 12au7 to try in place of the 12ax7 and have tried a 12bh7 already. I also ordered a 12WD7 which is a two dissimilar triode package . Sort of like having one half of 6sl7 and a 6sn7 in one tube. probably it will be backwards to how I wired my set but it would be an interesting approach and i suspect a good one , even for a regen only. Since the tube that makes a good regen detector doesnt make a good amplifier. Not to say they don't work but can be improved on. I figured buy the tubes while I can .
Playing on and around 7040kcs.
donVE3LYX

13638. RE: [AWA Group] Utah Jr Clone or real?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-02 12:54:25 UTC
From: Mike Feher
Topic: 13634 Message: 13638

I believe, with a high percentage of certainty, that the first ebay link is a clone. BTW, I sold mine close to 10 years ago for $1500. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, June 02, 2016 12:41 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Utah Jr Clone or real?

See:
http://www.ebay.com/itm/1937-Utah-6l6-Jr-CW-Qrp-Transmitter-PRISTINE-MUST-C-C-MY-OTHER-HAM-RADIO-GEAR-/172226985386?hash=item2819873daa:g:YdwAAOSwgtJXT03f

Is it real or a clone? Compare to:

http://w1ujr.net/utah-jr-project

http://w0vlz.blogspot.com/2014/05/utah-jr-transmitter.html

http://www.ebay.com/itm/Vintage-1937-NOS-Utah-Radio-Products-Utah-Jr-UAT-HAM-Tube-Radio-Transmitter-/231576672773?nma=true <http://www.ebay.com/itm/Vintage-1937-NOS-Utah-Radio-Products-Utah-Jr-UAT-HAM-Tube-Radio-Transmitter-/231576672773?nma=true&si=H7TzJxx8fnx0pq3Qbobay84t2wo%253D&orig_cvip=true&rt=nc&_trksid=p2047675.l2557>
&si=H7TzJxx8fnx0pq3Qbobay84t2wo%253D&orig_cvip=true&rt=nc&_trksid=p2047675.l2557

73,
Niel - W0VLZ

13639. Re: Re: [AWA Group] Utah Jr Clone or real?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-02 12:34:36 UTC
From: N3IBX
Topic: 13634 Message: 13639

Lou,Mike,Everyone,
? ? ? ? ? ? ? ? ? ? ? ? ? ? ?FWIW, Let me say this much. The xtal socket takes the large WWII BC-669 type crystals which may or may not be original. The Utah Jr. dates from 1937. I have it's bigger brother, the model UAT-1, also from the same year, and it usaes the smaller type crystal approx the same size as a FT-243. pin.?;

Possibly someone has the chassis and scrounged up the correct original parts including the knobs, and had the front panel and all of it's components made up.

Bottom line: This may always be open to suspicion. We may never know. "Is it live, or is it Memorex" - HI HI!?

Joe Cro N3IBX
?
?
On 06/02/16, 'Louis Vermond' ldvermond@sympatico.ca [AWAGroup] wrote:

?

☐
GM Niel,
?
I was just comparing this with other Jr.s including yours.?? Not sure yet. Looking forward to Group comments.?; Lou
?
?
?

----- Original Message -----

From: Niel - W0VLZ w0vlz@... [AWAGroup]

To: AWAGroup@yahoogroups.com

Sent: 2016-06-02 12:41 AM

Subject: [AWA Group] Utah Jr Clone or real?

?

See:
http://www.ebay.com/itm/1937-Utah-6l6-Jr-CW-Qrp-Transmitter-PRISTINE-MUST-C-C-MY-OTHER-HAM-RADIO-GEAR-/172226985386?hash=item2819873daa:g:YdwAAOSwgtJXT03f

Is it real or a clone? Compare to:

http://w1ujr.net/utah-jr-project

http://w0vlz.blogspot.com/2014/05/utah-jr-transmitter.html

http://www.ebay.com/itm/Vintage-1937-NOS-Utah-Radio-Products-Utah-Jr-UAT-HAM-Tube-Radio-Transmitter-/231576672773?nma=true&si=H7TzJxx8fnx0pq3Qbobay84t2wo%253D&orig_cvip=true&rt=nc&_trksid=p2047675.l2557

73,
Niel - W0VLZ

(https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient)
Virus-free. www.avast.com (https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient)

13640. RE: Re: [AWA Group] Utah Jr Clone or real?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-02 13:46:14 UTC
From: Mike Feher
Topic: 13634 Message: 13640

Joe – It is obvious that it is a repro. Fair job, but, still a repro for the most part anyway. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, June 02, 2016 8:35 AM
To: AWAGroup@yahoogroups.com
Subject: Re: Re: [AWA Group] Utah Jr Clone or real?

Lou,Mike,Everyone,

FWIW, Let me say this much. The xtal socket takes the large WWII BC-669 type crystals which may or may not be original. The Utah Jr. dates from 1937. I have it's bigger brother, the model UAT-1, also from the same year, and it usaes the smaller type crystal approx the same size as a FT-243. pin.

Possibly someone has the chassis and scrounged up the correct original parts including the knobs, and had the front panel and all of it's components made up.

Bottom line: This may always be open to suspicion. We may never know. "Is it live, or is it Memorex" - HI HI!

Joe Cro N3IBX

On 06/02/16, 'Louis Vermond' ldvermond@... [AWAGroup]<AWAGroup@yahoogroups.com> wrote:

☐

GM Niel,

I was just comparing this with other Jr.s including yours. Not sure yet. Looking forward to Group comments. Lou

----- Original Message -----

From: Niel - W0VLZ w0vlz@... [AWAGroup] <mailto:w0vlz@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2016-06-02 12:41 AM

Subject: [AWA Group] Utah Jr Clone or real?

See:
http://www.ebay.com/itm/1937-Utah-6l6-Jr-CW-Qrp-Transmitter-PRISTINE-MUST-C-C-MY-OTHER-HAM-RADIO-GEAR-/172226985386?hash=item2819873daa:g:YdwAAOSwgtJXT03f

Is it real or a clone? Compare to:

http://w1ujr.net/utah-jr-project

http://w0vlz.blogspot.com/2014/05/utah-jr-transmitter.html

http://www.ebay.com/itm/Vintage-1937-NOS-Utah-Radio-Products-Utah-Jr-UAT-HAM-Tube-Radio-Transmitter-/231576672773?nma=true <http://www.ebay.com/itm/Vintage-1937-NOS-Utah-Radio-Products-Utah-Jr-UAT-HAM-Tube-Radio-Transmitter-/231576672773?nma=true&si=H7TzJxx8fnx0pq3Qbobay84t2wo%253D&orig_cvip=true&rt=nc&_trksid=p2047675.l2557>
&si=H7TzJxx8fnx0pq3Qbobay84t2wo%253D&orig_cvip=true&rt=nc&_trksid=p2047675.l2557

73,
Niel - W0VLZ

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free. <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13641. de K1TG - My UTAH Jr.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-02 13:42:56 UTC
From: Roger Kuchera
Topic: 13641 Message: 13641
Attachments: 2 described; binary payloads are missing from this source WARC

GM Gentlemen, I have attached several JPEGs of my UTAH Jr. The RF deck is an original but the power supply isof my own creation. I bought the Jr. sans power supply. I added voltage regulation for the screen ofthe 6L6 to improve the keying. I also used 1N4007s for the rectifiers to cut down the heat in the smallcabinet that is the UTAH Jr. As you can surmise, I am not a purist.

I notice a difference in the nameplate but it may denote a later model of the Jr.
Roger/K1TG

13642. RE: Re: [AWA Group] Utah Jr Clone or real?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-02 13:46:18 UTC
From: Carl Nord
Topic: 13634 Message: 13642

I say repo, or minimal restoration of a very bad unit

1- The power transformer is a replacement

2- The front panel control labels do not match how Utah did theirs

3- The Utah label does not match those in their ads nor 2 examples of restorations (W1UJR and W0VLZ). In fact it looks like a poorly done paper restoration possibly pasted to a metal back.

4- Phillip head screws were not generally in use at that time.

5- Meter called for in Schematic is 0-100, this appears to be 0-150.

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, June 02, 2016 8:35 AM
To: AWAGroup@yahoogroups.com
Subject: Re: Re: [AWA Group] Utah Jr Clone or real?

Lou,Mike,Everyone,

FWIW, Let me say this much. The xtal socket takes the large WWII BC-669 type crystals which may or may not be original. The Utah Jr. dates from 1937. I have it's bigger brother, the model UAT-1, also from the same year, and it usaes the smaller type crystal approx the same size as a FT-243. pin.

Possibly someone has the chassis and scrounged up the correct original parts including the knobs, and had the front panel and all of it's components made up.

Bottom line: This may always be open to suspicion. We may never know. "Is it live, or is it Memorex" - HI HI!

Joe Cro N3IBX

On 06/02/16, 'Louis Vermond' ldvermond@... [AWAGroup]<AWAGroup@yahoogroups.com> wrote:

☐

GM Niel,

I was just comparing this with other Jr.s including yours. Not sure yet. Looking forward to Group comments. Lou

----- Original Message -----

From: Niel - W0VLZ w0vlz@... [AWAGroup] <mailto:w0vlz@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2016-06-02 12:41 AM

Subject: [AWA Group] Utah Jr Clone or real?

See:
http://www.ebay.com/itm/1937-Utah-6l6-Jr-CW-Qrp-Transmitter-PRISTINE-MUST-C-C-MY-OTHER-HAM-RADIO-GEAR-/172226985386?hash=item2819873daa:g:YdwAAOSwgtJXT03f

Is it real or a clone? Compare to:

http://w1ujr.net/utah-jr-project

http://w0vlz.blogspot.com/2014/05/utah-jr-transmitter.html

http://www.ebay.com/itm/Vintage-1937-NOS-Utah-Radio-Products-Utah-Jr-UAT-HAM-Tube-Radio-Transmitter-/231576672773?nma=true <http://www.ebay.com/itm/Vintage-1937-NOS-Utah-Radio-Products-Utah-Jr-UAT-HAM-Tube-Radio-Transmitter-/231576672773?nma=true&si=H7TzJxx8fnx0pq3Qbobay84t2wo%253D&orig_cvip=true&rt=nc&_trksid=p2047675.l2557>
&si=H7TzJxx8fnx0pq3Qbobay84t2wo%253D&orig_cvip=true&rt=nc&_trksid=p2047675.l2557

73,
Niel - W0VLZ

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free. <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13643. Re: Re: [AWA Group] Utah Jr Clone or real?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-02 14:01:39 UTC
From: Roger Kuchera
Topic: 13634 Message: 13643

Hi Lou, If I can help in anyway, Please feel free to ask. I have loads more pix.
Roger/K1TG

On Thursday, June 2, 2016 9:46 AM, "'Carl Nord' chnord@... [AWAGroup]" <AWAGroup@...m>
wrote:

<!--#yiv4515173635 #yiv4515173635 .yiv4515173635ygrp-photo-title{clear:both;font-size:smal
ler;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv4515173635 div.yiv451517
3635ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:whi
te;border:1px solid black;height:62px;width:62px;}#yiv4515173635
div.yiv4515173635photo-title a, #yiv4515173635 div.yiv4515173635photo-title a:active,
#yiv4515173635 div.yiv4515173635photo-title a:hover, #yiv4515173635
div.yiv4515173635photo-title a:visited {text-decoration:none;}#yiv4515173635
div.yiv4515173635attach-table div.yiv4515173635attach-row {clear:both;}#yiv4515173635
div.yiv4515173635attach-table div.yiv4515173635attach-row div {float:left;}#yiv4515173635
p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv4515173635
div.yiv4515173635ygrp-file {width:30px;}#yiv4515173635 div.yiv4515173635attach-table
div.yiv4515173635attach-row div div a {text-decoration:none;}#yiv4515173635
div.yiv4515173635attach-table div.yiv4515173635attach-row div div span
{font-weight:normal;}#yiv4515173635 div.yiv4515173635ygrp-file-title
{font-weight:bold;}#yiv4515173635 --> <!--#yiv4515173635 _filtered #yiv4515173635
{font-family:Wingdings;panose-1:5 0 0 0 0 0 0 0 0 0;} _filtered #yiv4515173635
{font-family:Wingdings;panose-1:5 0 0 0 0 0 0 0 0 0;} _filtered #yiv4515173635
{font-family:Calibri;panose-1:2 15 5 2 2 2 4 3 2 4;} _filtered #yiv4515173635
{font-family:Tahoma;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv4515173635
{font-family:Verdana;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv4515173635
{font-family:Consolas;panose-1:2 11 6 9 2 2 4 3 2 4;}#yiv4515173635 #yiv4515173635
p.yiv4515173635MsoNormal, #yiv4515173635 li.yiv4515173635MsoNormal, #yiv4515173635
div.yiv4515173635MsoNormal
{margin:0in;margin-bottom:.0001pt;font-size:12.0pt;font-family:"Times New Roman",
"serif";}#yiv4515173635 a:link, #yiv4515173635 span.yiv4515173635MsoHyperlink
{color:blue;text-decoration:underline;}#yiv4515173635 a:visited, #yiv4515173635
span.yiv4515173635MsoHyperlinkFollowed
{color:purple;text-decoration:underline;}#yiv4515173635 p
{margin-right:0in;margin-left:0in;font-size:12.0pt;font-family:"Times New Roman",
"serif";}#yiv4515173635 code {font-family:"Courier New";}#yiv4515173635 pre
{margin:0in;margin-bottom:.0001pt;font-size:10.0pt;font-family:"Courier
New";}#yiv4515173635 tt {font-family:"Courier New";}#yiv4515173635
p.yiv4515173635MsoAcetate, #yiv4515173635 li.yiv4515173635MsoAcetate, #yiv4515173635
div.yiv4515173635MsoAcetate
{margin:0in;margin-bottom:.0001pt;font-size:8.0pt;font-family:"Tahoma",
"sans-serif";}#yiv4515173635 p.yiv4515173635MsoListParagraph, #yiv4515173635
li.yiv4515173635MsoListParagraph, #yiv4515173635 div.yiv4515173635MsoListParagraph {margin
-top:0in;margin-right:0in;margin-bottom:0in;margin-left:.5in;margin-bottom:.0001pt;font-si
ze:12.0pt;font-family:"Times New Roman", "serif";}#yiv4515173635

span.yiv4515173635HTMLPreformattedChar {font-family:Consolas;}#yiv4515173635
p.yiv4515173635attach, #yiv4515173635 li.yiv4515173635attach, #yiv4515173635
div.yiv4515173635attach
{margin-right:0in;margin-left:0in;font-size:9.0pt;font-family:"Arial",
"sans-serif";}#yiv4515173635 p.yiv4515173635bold, #yiv4515173635 li.yiv4515173635bold,
#yiv4515173635 div.yiv4515173635bold
{margin-right:0in;margin-left:0in;font-size:10.0pt;font-family:"Arial",
"sans-serif";font-weight:bold;}#yiv4515173635 p.yiv4515173635green, #yiv4515173635
li.yiv4515173635green, #yiv4515173635 div.yiv4515173635green
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"serif";color:#628C2A;}#yiv4515173635 p.yiv4515173635replbq, #yiv4515173635
li.yiv4515173635replbq, #yiv4515173635 div.yiv4515173635replbq
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p.yiv4515173635ad, #yiv4515173635 li.yiv4515173635ad, #yiv4515173635 div.yiv4515173635ad
{margin-right:0in;margin-left:0in;font-size:12.0pt;font-family:"Times New Roman",
"serif";}#yiv4515173635 p.yiv4515173635underline, #yiv4515173635
li.yiv4515173635underline, #yiv4515173635 div.yiv4515173635underline
{margin-right:0in;margin-left:0in;font-size:12.0pt;font-family:"Times New Roman",
"serif";}#yiv4515173635 span.yiv4515173635yshortcuts {}#yiv4515173635 p.yiv4515173635ad1,
#yiv4515173635 li.yiv4515173635ad1, #yiv4515173635 div.yiv4515173635ad1
{margin-right:0in;margin-left:0in;font-size:12.0pt;font-family:"Times New Roman",
"serif";}#yiv4515173635 p.yiv4515173635ad2, #yiv4515173635 li.yiv4515173635ad2,
#yiv4515173635 div.yiv4515173635ad2
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New Roman", "serif";}#yiv4515173635 p.yiv4515173635underline1, #yiv4515173635
li.yiv4515173635underline1, #yiv4515173635 div.yiv4515173635underline1
{margin-right:0in;margin-left:0in;font-size:12.0pt;font-family:"Times New Roman",
"serif";text-decoration:underline;}#yiv4515173635 span.yiv4515173635yshortcuts1
{font-family:"Verdana", "sans-serif";font-weight:bold;}#yiv4515173635
span.yiv4515173635yshortcuts2 {font-family:"Verdana",
"sans-serif";font-weight:normal;}#yiv4515173635 span.yiv4515173635EmailStyle34
{font-family:"Calibri", "sans-serif";color:#1F497D;}#yiv4515173635
span.yiv4515173635BalloonTextChar {font-family:"Tahoma", "sans-serif";}#yiv4515173635
.yiv4515173635MsoChpDefault {font-size:10.0pt;} _filtered #yiv4515173635 {margin:1.0in
1.0in 1.0in 1.0in;}#yiv4515173635 div.yiv4515173635WordSection1 {}#yiv4515173635 _filtered
#yiv4515173635 {} _filtered #yiv4515173635 {font-family:Symbol;} _filtered #yiv4515173635
{font-family:"Courier New";} _filtered #yiv4515173635 {font-family:Wingdings;} _filtered
#yiv4515173635 {font-family:Wingdings;} _filtered #yiv4515173635 {font-family:Wingdings;}
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{font-family:Wingdings;} _filtered #yiv4515173635 {font-family:Wingdings;} _filtered
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#yiv4515173635 {} _filtered #yiv4515173635 {} _filtered #yiv4515173635 {}#yiv4515173635 ol
{margin-bottom:0in;}#yiv4515173635 ul {margin-bottom:0in;}-->

I say repo, or minimal restoration of a very bad unit 1- The power transformer is a replacement2- The front panel control labels do not match how Utah did theirs3- The Utah label does not match those in their ads nor 2 examples of restorations (W1UJR and W0VLZ). In fact it looks like a poorly done paper restoration possibly pasted to a metal back.4- Phillip head screws were not generally in use at that time.5- Meter called for in Schematic is 0-100, this appears to be 0-150. Carl NordWA1KPD From: AWAGroup@yahoogroups.com

[mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, June 02, 2016 8:35 AM
To: AWAGroup@yahoogroups.com
Subject: Re: Re: [AWA Group] Utah Jr Clone or real? Lou,Mike,Everyone, FWIW, Let me say this much. The xtal socket takes the large WWII BC-669 type crystals which may or may not be original. The Utah Jr. dates from 1937. I have it's bigger brother, the model UAT-1, also from the same year, and it usaes the smaller type crystal approx the same size as a FT-243. pin. Possibly someone has the chassis and scrounged up the correct original parts including the knobs, and had the front panel and all of it's components made up. Bottom line: This may always be open to suspicion. We may never know. "Is it live, or is it Memorex" - HI HI! Joe Cro N3IBX On 06/02/16, 'Louis Vermond' ldvermond@... [AWAGroup]<AWAGroup@yahoogroups.com> wrote: ☐GM Niel, I was just comparing this with other Jr.s including yours. Not sure yet. Looking forward to Group comments. Lou
----- Original Message ----- From: mailto:w0vlz@...%20[AWAGroup] To: AWAGroup@yahoogroups.com Sent: 2016-06-02 12:41 AMSubject: [AWA Group] Utah Jr Clone or real? See: http://www.ebay.com/itm/1937-Utah-6l6-Jr-CW-Qrp-Transmitter-PRISTINE-MUST-C-C-MY-OTHER-HAM-RADIO-GEAR-/172226985386?hash=item2819873daa:g:YdwAAOSwgtJXT03f

Is it real or a clone? Compare to:

http://w1ujr.net/utah-jr-project

http://w0vlz.blogspot.com/2014/05/utah-jr-transmitter.html

http://www.ebay.com/itm/Vintage-1937-NOS-Utah-Radio-Products-Utah-Jr-UAT-HAM-Tube-Radio-Transmitter-/231576672773?nma=true&si=H7TzJxx8fnx0pq3Qbobay84t2wo%253D&orig_cvip=true&rt=nc&_trksid=p2047675.l2557

73,
Niel - W0VLZ
| | Virus-free. www.avast.com |

13644. Re: Re: [AWA Group] Utah Jr Clone or real?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-02 14:13:15 UTC
From: Roger Kuchera
Topic: 13634 Message: 13644

Hi Lou, Those caps look like Hammarlunds or possibly Nationals. My Jr. has two Cardwells, which I think are originals.
Roger/K1TG

On Thursday, June 2, 2016 10:01 AM, "Roger Kuchera rwkuchera@snet.net [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv1720362991 #yiv1720362991 -- #yiv1720362991 .yiv1720362991ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv1720362991 div.yiv1720362991ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv1720362991 div.yiv1720362991photo-title a, #yiv1720362991 div.yiv1720362991photo-title a:active, #yiv1720362991 div.yiv1720362991photo-title a:hover, #yiv1720362991 div.yiv1720362991photo-title a:visited {text-decoration:none;}#yiv1720362991 div.yiv1720362991attach-table div.yiv1720362991attach-row {clear:both;}#yiv1720362991 div.yiv1720362991attach-table div.yiv1720362991attach-row div {float:left;}#yiv1720362991 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv1720362991 div.yiv1720362991ygrp-file {width:30px;}#yiv1720362991 div.yiv1720362991attach-table div.yiv1720362991attach-row div div a {text-decoration:none;}#yiv1720362991 div.yiv1720362991attach-table div.yiv1720362991attach-row div div span {font-weight:normal;}#yiv1720362991 div.yiv1720362991ygrp-file-title {font-weight:bold;}#yiv1720362991 #yiv1720362991

Hi Lou, If I can help in anyway, Please feel free to ask. I have loads more pix.
Roger/K1TG

On Thursday, June 2, 2016 9:46 AM, "'Carl Nord' chnord@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv1720362991 #yiv1720362991 -- .yiv1720362991ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv1720362991 div.yiv1720362991ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv1720362991 div.yiv1720362991photo-title a, #yiv1720362991 div.yiv1720362991photo-title a:active, #yiv1720362991 div.yiv1720362991photo-title a:hover, #yiv1720362991 div.yiv1720362991photo-title a:visited {text-decoration:none;}#yiv1720362991 div.yiv1720362991attach-table div.yiv1720362991attach-row {clear:both;}#yiv1720362991 div.yiv1720362991attach-table div.yiv1720362991attach-row div {float:left;}#yiv1720362991 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv1720362991 div.yiv1720362991ygrp-file {width:30px;}#yiv1720362991 div.yiv1720362991attach-table div.yiv1720362991attach-row div div a {text-decoration:none;}#yiv1720362991 div.yiv1720362991attach-table div.yiv1720362991attach-row div div span {font-weight:normal;}#yiv1720362991 div.yiv1720362991ygrp-file-title {font-weight:bold;}#yiv1720362991 #yiv1720362991 #yiv1720362991 -- filtered {font-family:Wingdings;panose-1:5 0 0 0 0 0 0 0 0 0;}#yiv1720362991 filtered {font-family:Wingdings;panose-1:5 0 0 0 0 0 0 0 0 0;}#yiv1720362991 filtered

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{font-family:Consolas;panose-1:2 11 6 9 2 2 4 3 2 4;}#yiv1720362991
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div.yiv1720362991MsoNormal
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{margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv1720362991 code {}#yiv1720362991
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div.yiv1720362991MsoAcetate
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ottom:0in;margin-left:.5in;margin-bottom:.0001pt;font-size:12.0pt;}#yiv1720362991
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div.yiv1720362991green
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p.yiv1720362991replbq, #yiv1720362991 li.yiv1720362991replbq, #yiv1720362991
div.yiv1720362991replbq {margin:3.0pt;font-size:12.0pt;}#yiv1720362991 p.yiv1720362991ad,
#yiv1720362991 li.yiv1720362991ad, #yiv1720362991 div.yiv1720362991ad
{margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv1720362991
p.yiv1720362991underline, #yiv1720362991 li.yiv1720362991underline, #yiv1720362991
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{margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv1720362991
span.yiv1720362991yshortcuts {}#yiv1720362991 p.yiv1720362991ad1, #yiv1720362991
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#yiv1720362991 li.yiv1720362991ad2, #yiv1720362991 div.yiv1720362991ad2
{margin-right:0in;margin-bottom:7.5pt;margin-left:0in;font-size:12.0pt;}#yiv1720362991
p.yiv1720362991underline1, #yiv1720362991 li.yiv1720362991underline1, #yiv1720362991
div.yiv1720362991underline1 {margin-right:0in;margin-left:0in;font-size:12.0pt;text-decora
tion:underline;}#yiv1720362991 span.yiv1720362991yshortcuts1
{font-weight:bold;}#yiv1720362991 span.yiv1720362991yshortcuts2
{font-weight:normal;}#yiv1720362991 span.yiv1720362991EmailStyle34
{color:#1F497D;}#yiv1720362991 span.yiv1720362991BalloonTextChar {}#yiv1720362991
.yiv1720362991MsoChpDefault {font-size:10.0pt;}#yiv1720362991 filtered {margin:1.0in 1.0in
1.0in 1.0in;}#yiv1720362991 div.yiv1720362991WordSection1 {}#yiv1720362991 filtered
{}#yiv1720362991 filtered {font-family:Symbol;}#yiv1720362991 filtered {}#yiv1720362991
filtered {font-family:Wingdings;}#yiv1720362991 filtered
{font-family:Wingdings;}#yiv1720362991 filtered {font-family:Wingdings;}#yiv1720362991
filtered {font-family:Wingdings;}#yiv1720362991 filtered

{font-family:Wingdings;}#yiv1720362991 filtered {font-family:Wingdings;}#yiv1720362991 filtered {font-family:Wingdings;}#yiv1720362991 filtered {}#yiv1720362991 filtered {}#yiv1720362991 filtered {}#yiv1720362991 filtered {}#yiv1720362991 filtered {}#yiv1720362991 filtered {}#yiv1720362991 filtered {}#yiv1720362991 filtered {}#yiv1720362991 ol {margin-bottom:0in;}#yiv1720362991 ul {margin-bottom:0in;}#yiv1720362991

I say repo, or minimal restoration of a very bad unit 1- The power transformer is a replacement2- The front panel control labels do not match how Utah did theirs3- The Utah label does not match those in their ads nor 2 examples of restorations (W1UJR and W0VLZ). In fact it looks like a poorly done paper restoration possibly pasted to a metal back.4- Phillip head screws were not generally in use at that time.5- Meter called for in Schematic is 0-100, this appears to be 0-150. Carl NordWA1KPD From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
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Subject: Re: Re: [AWA Group] Utah Jr Clone or real? Lou,Mike,Everyone, FWIW, Let me say this much. The xtal socket takes the large WWII BC-669 type crystals which may or may not be original. The Utah Jr. dates from 1937. I have it's bigger brother, the model UAT-1, also from the same year, and it usaes the smaller type crystal approx the same size as a FT-243. pin. Possibly someone has the chassis and scrounged up the correct original parts including the knobs, and had the front panel and all of it's components made up. Bottom line: This may always be open to suspicion. We may never know. "Is it live, or is it Memorex" - HI HI! Joe Cro N3IBX On 06/02/16, 'Louis Vermond' ldvermond@... [AWAGroup]<AWAGroup@yahoogroups.com> wrote: ☐GM Niel, I was just comparing this with other Jr.s including yours. Not sure yet. Looking forward to Group comments. Lou
----- Original Message ----- From: mailto:w0vlz@...%20[AWAGroup] To: AWAGroup@yahoogroups.com Sent: 2016-06-02 12:41 AMSubject: [AWA Group] Utah Jr Clone or real? See: http://www.ebay.com/itm/1937-Utah-6l6-Jr-CW-Qrp-Transmitter-PRISTINE-MUST-C-C-MY-OTHER-HAM-RADIO-GEAR-/172226985386?hash=item2819873daa:g:YdwAAOSwgtJXT03f

Is it real or a clone? Compare to:

http://w1ujr.net/utah-jr-project

http://w0vlz.blogspot.com/2014/05/utah-jr-transmitter.html

http://www.ebay.com/itm/Vintage-1937-NOS-Utah-Radio-Products-Utah-Jr-UAT-HAM-Tube-Radio-Transmitter-/231576672773?nma=true&si=H7TzJxx8fnx0pq3Qbobay84t2wo%253D&orig_cvip=true&rt=nc&_trksid=p2047675.l2557

73,
Niel - W0VLZ
| | Virus-free. www.avast.com |

13645. Re: [AWA Group] Early thermocouple RF ammeters

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-02 23:51:58 UTC
From: aflowers@frontiernet.net
Topic: 13627 Message: 13645
Attachments: 1 described; binary payloads are missing from this source WARC

Here's one of those external thermo-ammeter heating elements I mentioned. It says its for a Weston 425 meter, but all the 425 RF ammeters I've seen in this current range have an internal element.
Anyone know what meter goes with this or seen and advertisement for one? This one says 2 amps capacity, and have one that says 0.100 amps. I can put an amp of RF through it and read a couple hundred microvolts on the terminals, so they are doing something. It reminds me of thermistor detectors on old microwave power meters.
Andy K0SM/2

On Tuesday, May 31, 2016 5:41 PM, "'aflowers@...' aflowers@frontiernet.net [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  Hi Guys,
While on my meter quest, I have a questions about Early RF Ammeters, specifically the Weston models.
It looks like some Weston 425 meters had internal thermocouples while some don't. The one I've seen the most is labelled in "Amperes RF" or "Milliamperes RF" above the dial. I've also seen some Weston 425 meters that say "Thermo-galvanometer" and just have a linear scale from 0-100 labelled "Current squared". Maybe these are just older or for the scientific market. Finally, I've seen external thermocouples on a bakelite block labelled "Weston 425 thermocouple" or something similar with four terminals--two terminals on a shunt and two where presumably a DC mA meter (or the 425 meter without the built-in thermocouple?) was to be wired in.
My guess is that "current squared" is just some standard DC mA meter in a relative linear scale because these are nominally square-law detectors. This would allowed one meter to be used with different thermocouples and be "always right"....but I'm guessing.
So...
1. What were the external thermocouples supposed to be used with? 2. Did Weston sell the external thermocouples separately or did they come as package with a matching meter?3. Is there some rule or marking that indicates whether a given Model 425 has in internal thermocouple or requires an external one?
Thanks for your wisdom, as always!
Andy K0SM/2

13646. eBay Alert Pocket change items

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-03 00:31:39 UTC
From: Louis Vermond
Topic: 13646 Message: 13646

http://www.ebay.com/sch/2brosvintagestuff/m.html?item=201595787337&rt=nc&_trksid=p2047675.l2562

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13647. Re: [AWA Group] Weston 429 meter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-03 02:31:02 UTC
From: aflowers@frontiernet.net
Topic: 13611 Message: 13647

A little more info on that Weston 429 meter....apparently the 2BH phone transmitter in the August 1922 issue of "Radio" used them:
(p. 17, bottom of first column)
"The meters, with the exception of the
antenna meter, are all of the new type
Weston, models 429 and 431, flush
mounting." (c.f. http://www.americanradiohistory.com/Archive-Radio/20s/Radio-1922-08.pdf)
The whole article describes a monster transmitter with pictures and detailed components.
My meter is not flush mounting, but it is a model 429. It's unclear if the "new" refers to the model or the fact that it is flush-mounting, but Weston was making it in 1922. So there's a datapoint...
Andy K0SM/2

On Wednesday, June 1, 2016 8:18 AM, "'aflowers@...' aflowers@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  Thanks everyone for the information on the KS-number on the Weston 429 meter. It looks like the Kearny plant was built in around 1924 or 25, so I wonder if the KS really has to do with Kearny or if it just got associated with it early on after some obscure beginning. Has anyone seen a KS number on a pre-1924 equipment?
Thanks again!
Andy K0SM/2

On Monday, May 30, 2016 2:27 PM, "Charles Milton CEMILTON@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  K stands for Kearney (NJ).....S stands for System. The numbering system used by Western Electric.
S is often (mis-) quoted as meaning Standard.
73ChuckW4MIL

Sent from my iPad
On May 30, 2016, at 2:20 PM, 'Mike Feher' n4fs@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Andy – The KS numbering system was widely used by WE for items that they used manufactured by some other outfit. I would think it was used on an early WWI WE transmitter. Right now it skips my gray matter what the K stands for, but, I know the S stands for Shops. I know the K is the name of a city. It was the location where WE purchased from outside manufacturers and assigned a KS number to all this items. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, May 30, 2016 1:55 PM
To: yahoogroups
Subject: [AWA Group] Weston 429 meter [1 Attachment]   Hi Folks, I have a old Weston Model 429 surface-mount meter that I need some help dating (even if only approximately).

I've attached a picture. It's about 4-1/2" in diameter including the mounting skirt. This one is marked "KS 6189" above the dial and also has five patent dates above, the last of which is 1913, and it sports a SN of 22656. All of these makes me believe its "old", but I'd like to get more specific if I can. The shell is black-painted metal, not bakelite, which is appropriate since this sticks up about 2" above whatever it's mounted to and likely would take some knocks. I have yet to find a catalog or advertisement with this model number in it, but I might not even be looking in the right decade or industry. These may all be clues to someone who knows meters, but I don't and I'd like to learn. If anyone knows some good meter references for the common manufacturers pre-1930 please let me know. I'll keep digging in the meantime. Thanks! Andy K0SM/2

13648. RE: [AWA Group] eBay Alert Pocket change items

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-03 04:03:47 UTC
From: Mike Feher
Topic: 13646 Message: 13648

These guys started going to Estes auctions a few years ago and knew nothing about radio, but bought some, and the rest is history. They continue to buy what no one else does, and then offer them on eBay for about 4 times what they paid for it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, June 02, 2016 8:32 PM
To: AWAGroup
Subject: [AWA Group] eBay Alert Pocket change items

http://www.ebay.com/sch/2brosvintagestuff/m.html?item=201595787337
<http://www.ebay.com/sch/2brosvintagestuff/m.html?item=201595787337&rt=nc&_t
rksid=p2047675.l2562> &rt=nc&_trksid=p2047675.l2562

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campai
gn=sig-email&utm_content=emailclient>

Virus-free.
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campai
gn=sig-email&utm_content=emailclient> www.avast.com

13649. RE: [AWA Group] Early thermocouple RF ammeters [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-03 04:13:09 UTC
From: Mike Feher
Topic: 13627 Message: 13649

Andy –

I recognize those as they are pretty common and I have several. You should also be able to check them using current limited DC as they are nothing but a thermocouple. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, June 02, 2016 7:52 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Early thermocouple RF ammeters [1 Attachment]

Here's one of those external thermo-ammeter heating elements I mentioned. It says its for a Weston 425 meter, but all the 425 RF ammeters I've seen in this current range have an internal element.

Anyone know what meter goes with this or seen and advertisement for one? This one says 2 amps capacity, and have one that says 0.100 amps. I can put an amp of RF through it and read a couple hundred microvolts on the terminals, so they are doing something. It reminds me of thermistor detectors on old microwave power meters.

Andy K0SM/2

On Tuesday, May 31, 2016 5:41 PM, "'aflowers@...' aflowers@frontiernet.net [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Hi Guys,

While on my meter quest, I have a questions about Early RF Ammeters, specifically the Weston models.

It looks like some Weston 425 meters had internal thermocouples while some don't. The one I've seen the most is labelled in "Amperes RF" or "Milliamperes RF" above the dial. I've also seen some Weston 425 meters that say "Thermo-galvanometer" and just have a linear scale from 0-100 labelled "Current squared". Maybe these are just older or for the scientific market. Finally, I've seen external thermocouples on a bakelite block labelled "Weston 425 thermocouple" or something similar with four terminals--two terminals on a shunt and two where presumably a DC mA meter (or the 425 meter without the built-in thermocouple?) was to be wired in.

My guess is that "current squared" is just some standard DC mA meter in a relative linear scale because these are nominally square-law detectors. This would allowed one meter to be

used with different thermocouples and be "always right"....but I'm guessing.

So...

1. What were the external thermocouples supposed to be used with?

2. Did Weston sell the external thermocouples separately or did they come as package with a matching meter?

3. Is there some rule or marking that indicates whether a given Model 425 has in internal thermocouple or requires an external one?

Thanks for your wisdom, as always!

Andy K0SM/2

13650. Re: [AWA Group] Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-03 21:10:23 UTC
From: dulmagedon@...
Topic: 13615 Message: 13650

My dissimlar triode came today. The company supplied an ECC832 which is the Euro equivalent of the 12 series tube. I feared it would be pinned out opposite to my circuit and I would have to butcher the set and rewire but I got lucky. The 12ax7 style half is on the regen side and the 12au7 style half is on the Tx side. Key down input to plate is 21ma at 285volts. A bit high for this tube but not much.
This set really needs an audio stage and I have a 12aq5 which may get volunteered for AF duty. I am hoping 40m opens up tonite. It was quiet before supper but I would like to do some operating. Still working around 7040kcs.
donVE3LYX

13651. Re: Re: [AWA Group] Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-03 21:38:05 UTC
From: N3IBX
Topic: 13615 Message: 13651

Hello Don,
? ? ? ? ? ? ? ? The 12AQ5 you selected should provide you with plenty of audio to drive a pair of "cans" ?or even a speaker with plenty of audio to spare. The 12AQ5 is the equivalent of a 6V6 in miniature tube form with a 12.6V heater.?

The best of luck making plenty of contacts on 40M!

GL+73, de N3IBX
?
?
On 06/03/16, dulmagedon@... [AWAGroup] wrote:
?
?

My dissimlar triode came today. The company supplied an ECC832 which is the Euro equivalent? of the 12 series tube. I feared it would be pinned out opposite to my circuit and I would have to butcher the set and rewire but I got lucky. The 12ax7 style half is on the regen side and the 12au7 style half is on the Tx side. Key down input to plate is 21ma at 285volts. A bit high for this tube but not much.
This set really needs an audio stage and I have a 12aq5 which may get volunteered for AF duty. I am hoping 40m opens up tonite. It was quiet? before supper but I would like to do some operating. Still working around 7040kcs.
donVE3LYX

13652. Re: Re: [AWA Group] Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-03 23:17:28 UTC
From: dulmagedon@...
Topic: 13615 Message: 13652

Thanks Joe.
It is a not a tube I have used before but I knew folks used 6aq5 tubes for PA applications so i figured it would do the job and the 12v heater helped me out with my set up. you advice confirms that. It says in the specs screen take same voltage as plate at full throttle. I usually steal screen voltage through a dropping resistor from the plate circuit so this is a new deal to me. I may put a resistor in there anyway to keep it reasonable level, maybe 10k or something and see what happens. Spooks me having it the same. I will see if I have a good tube socket tonite as the XYL is at a hen party. I have room on the chassis for it so it should be not too bad. Now to use a transformer or resistance couple it is the next decision. I have done both in the past and have no particular preference.
In between this I will be pumping some Cq s out on 7040kcs since I am on a roll this week anyway. (Won the Pot for the 50/50 at cruise night last night. That is something that only ever happened once before)
What was that old song? When you're hot you're hot and when you're not you're not! I am usually not!
donVe3LYX

13653. AWA Group] Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-04 01:24:33 UTC
From: N3IBX
Topic: 13653 Message: 13653

Hello Don,
? ? ? ? ? ? ? ?The decision whether to use resistance or transformer coupling can be a tough one. Particularly if you don't have the specific interstage and or output transformers in question. Resistance coupliing has its advantages but at the sacrifice of gain and output. I personally think that a 12AQ5 will have more than enough gain to run a small speaker at decent volume even if resistance coupling. Like I previously mentioned, look at it as a 6V6 and I think you'll understand. Besides, if you resistance couple the output you forgo the added expense of an output transformer.?

However, if you happen to have a suitable output transformer handy that is not being used, why not incorporate it into the circuit? I think you need a output transformer on the order of something like 5000 ohms or so to correctly match the 12AQ5.?

I too get a little spooked with desling with circuits that the tube(s) use the same voltage for the screen as they do the plate. Like you mentioned a 10K or so dropping resistor would cure that situation at the expense of less overall gain of the tube.?

Whatever you decide to do I wish you the best of luck and a lot of fun.
\
Best regards,
Joe Cro N3IBX
?
?

13654. Re: AWA Group] Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-04 10:50:37 UTC
From: dulmagedon@...
Topic: 13653 Message: 13654

Thanks Joe. I think I will use the resistance coupling since I should have gain to spare. In fact I found a socket last night. prewired it and mounted it. braided up one of my heater supply cables and wired the filaments in. I just have to move the phones to the 12aq plate circuit, pop a resistor in place of them to fake their load and resistance , tag the grid resistor and cathode resistor with bypass to ground and I think we are away.
There was a CW contest on last night and even without the amp I could copy 100% may of the stations although not strong. The set tracks well with the Tx and rx on a dual gang tuning and identical coils . I set the slugs in the coils so the rough tracking leaves the bandspread cap at its half way point. I can then easily swing up or down , finding the station quickly. I am surprised by this little rig. Still I need to log a few contacts but with power input at 5.9 watts and nothing goofy in the output circuit it should just be a matter of time. Note is decent and for some reason no AC hum on the signal or in the regen.
BTW What year was the 19 tube introduced? If it is 1929 I may build a vintage version.
donVe3LYX

13655. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-04 12:20:50 UTC
From: Louis Vermond
Topic: 130 Message: 13655

http://www.ebay.ca/itm/Fynur-Vernier-Radio-Control-Dial-Nice-1920-s-/311617954857?hash=item488de0a429:g:rBEAAOSwr0ZXOSZG

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https://www.avast.com/antivirus

13656. eBay Alert .... fast and furious SW-3?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-04 12:22:55 UTC
From: Louis Vermond
Topic: 13656 Message: 13656

http://www.ebay.ca/itm/PlugIn-Coil-6-Pin-National-Receiver-Ham-Transmitter-Vintage-Tube-Radio-Part-/182157933788?hash=item2a69757cdc:g:eEIAAOSwepZXRGtz

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https://www.avast.com/antivirus

13657. RE: [AWA Group] Re: AWA Group] Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-04 14:31:48 UTC
From: Mike Feher
Topic: 13653 Message: 13657

Sorry Don, the 19 was introduced in 1933. With a couple of watts on 40 you should be able to work the world. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, June 04, 2016 6:51 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: AWA Group] Weskit transceiver

Thanks Joe. I think I will use the resistance coupling since I should have gain to spare. In fact I found a socket last night. prewired it and mounted it. braided up one of my heater supply cables and wired the filaments in. I just have to move the phones to the 12aq plate circuit, pop a resistor in place of them to fake their load and resistance , tag the grid resistor and cathode resistor with bypass to ground and I think we are away.
There was a CW contest on last night and even without the amp I could copy 100% may of the stations although not strong. The set tracks well with the Tx and rx on a dual gang tuning and identical coils . I set the slugs in the coils so the rough tracking leaves the bandspread cap at its half way point. I can then easily swing up or down , finding the station quickly. I am surprised by this little rig. Still I need to log a few contacts but with power input at 5.9 watts and nothing goofy in the output circuit it should just be a matter of time. Note is decent and for some reason no AC hum on the signal or in the regen.
BTW What year was the 19 tube introduced? If it is 1929 I may build a vintage version.
donVe3LYX

13658. You should read Kruse's article "Rotary Gaps" in the August 1919 QST. It's entertaining to say the least. 73, Andy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-04 18:28:04 UTC
From: Louis Vermond
Topic: 13658 Message: 13658
Attachments: 2 described; binary payloads are missing from this source WARC

"We were jubilant over this triumph."

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https://www.avast.com/antivirus

13659. Orpheus Radio???

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-04 19:01:44 UTC
From: K3PID
Topic: 13659 Message: 13659
Attachments: 3 described; binary payloads are missing from this source WARC

Anyone know anything about an Orpheus radio?

Ron K3PID

13660. Re: [AWA Group] You should read Kruse's article "Rotary Gaps" in the August 1919 QST. It's entertaining to say the least. 73, Andy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-04 19:43:11 UTC
From: Steve
Topic: 13658 Message: 13660

Lou - I think you're just going to have to build a spark-gap and get it out of your system...a few nights on 160/80/40m CW (all at the same time) should do it ;-)

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

13661. RE: [AWA Group] You should read Kruse's article "Rotary Gaps" in the August 1919 QST. It's entertaining to say the least. 73, Andy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-04 20:04:01 UTC
From: Mike Feher
Topic: 13658 Message: 13661

I had to read a chapter of Steinmetz's "HF AC currents" or some similar title in order to figure out the condenser in mine. Of course mine is a KW input, and does light a 100W bulb to full brilliance on the output, but took me forever and a bunch of money on glass to get it right. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

-----Original Message-----
From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, June 04, 2016 3:43 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] You should read Kruse's article "Rotary Gaps" in the August 1919 QST. It's entertaining to say the least. 73, Andy

Lou - I think you're just going to have to build a spark-gap and get it out of your system...a few nights on 160/80/40m CW (all at the same time) should do it ;-)

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":

http://ve7sl.blogspot.ca/

Yahoo Groups Links

13662. RE: [AWA Group] Re: AWA Group] Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-04 20:47:14 UTC
From: dulmagedon@...
Topic: 13653 Message: 13662

Dang! Missed it by that " much. Oh well i will live. Anyway rig is done. Almost too much volume but a very workable rig.Now all i need is a QSO. to seal the deal.
Still 7040kcs after dark.
donVE3LYX

13663. Re: [AWA Group] You should read Kruse's article "Rotary Gaps" in the August 1919 QST. It's entertaining to say the least. 73, Andy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-04 21:09:23 UTC
From: aflowers@frontiernet.net
Topic: 13658 Message: 13663

Apparently Lou's not the only one with such an itch. I distinctly remember some suspicious (and also suspiciously familiar) people tapping a key connected to such a device at the Rochester Hamfest last week. It was clearly of superior technology to Kruse's since there were no reports of molten brass or flaming rubber falling from the sky.
Andy K0SM/2

On Saturday, June 4, 2016 4:04 PM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  I had to read a chapter of Steinmetz's "HF AC currents" or some similar title in order to figure out the condenser in mine. Of course mine is a KW input, and does light a 100W bulb to full brilliance on the output, but took me forever and a bunch of money on glass to get it right. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

-----Original Message-----
From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, June 04, 2016 3:43 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] You should read Kruse's article "Rotary Gaps" in the August 1919 QST. It's entertaining to say the least. 73, Andy

Lou - I think you're just going to have to build a spark-gap and get it out of your system...a few nights on 160/80/40m CW (all at the same time) should do it ;-)

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":

http://ve7sl.blogspot.ca/

Yahoo Groups Links

13664. Re: [AWA Group] You should read Kruse's article "Rotary Gaps" in the August 1919 QST. It's entertaining to say the least. 73, Andy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-04 21:42:32 UTC
From: Niel - W0VLZ
Topic: 13658 Message: 13664
Attachments: 1 described; binary payloads are missing from this source WARC

Should I try building one for my spark coil xmtr? Let's see
now...cardboard shirt box, paraffine candle stubs, tin foil and a motor.
Should be ready for the 2016 BK. Might I get extra points?

Niel

'Louis Vermond' ldvermond@... [AWAGroup] wrote:
>
> "We were jubilant over this triumph."
>
> <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email
&utm_content=emailclient>
> Virus-free. www.avast.com
> <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email
&utm_content=emailclient>
>
>
>

13665. CW "de"? [Glowbugs]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-04 22:01:27 UTC
From: Louis Vermond
Topic: 13665 Message: 13665

Cross Group QSO

Why did ham radio adopt the C.W. signal “de” instead of the “v” used by the commercial services and the military? -Hue Miller

---
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https://www.avast.com/antivirus

13666. Re: [AWA Group] You should read Kruse's article "Rotary Gaps" in the August 1919 QST. It's entertaining to say the least. 73, Andy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-04 22:03:49 UTC
From: Louis Vermond
Topic: 13658 Message: 13666

Should I try building one for my spark coil xmtr? Let's see now...cardboard shirt box, paraffine candle stubs, tin foil and a motor. Should be ready for the 2016 BK. Might I get extra points?

You'd win hands down, Niel! Think the plaque would just fit thru the bars....

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https://www.avast.com/antivirus

13667. Niel, I'll be in one slammer over...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-04 22:43:21 UTC
From: Louis Vermond
Topic: 13667 Message: 13667
Attachments: 2 described; binary payloads are missing from this source WARC

16-06-04 67 PMect: Nieove
SKED Sunday 3AM All over 160

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https://www.avast.com/antivirus

13668. Re: [AWA Group] Niel, I'll be in one slammer over...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-04 22:46:11 UTC
From: Louis Vermond
Topic: 13667 Message: 13668
Attachments: 1 described; binary payloads are missing from this source WARC

Seems tt backgrounds do not work...

----- Original Message -----
From: 'Louis Vermond' ldvermond@... [AWAGroup]
To: AWAGroup
Sent: 2016-06-04 6:43 PM
Subject: [AWA Group] Niel, I'll be in one slammer over...

16-06-04 67 PMect: Nieove
SKED Sunday 3AM All over 160

Virus-free. www.avast.com

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13669. Re: [AWA Group] CW "de"? [Glowbugs]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-04 22:55:46 UTC
From: Niel - W0VLZ
Topic: 13665 Message: 13669

Hue,

"From" in English translates to "de" in French.

Niel

'Louis Vermond' ldvermond@... [AWAGroup] wrote:
>
> □
>
> Cross Group QSO
>
> Why did ham radio adopt the C.W. signal “de” instead of the “v” used
> by the commercial services and the military? -Hue Miller
>
>
>
>

13670. Re: [AWA Group] Niel, I'll be in one slammer over...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-04 22:56:29 UTC
From: N1BUG
Topic: 13667 Message: 13670

Seems tt backgrounds do not work...

?

Worked OK here.

Bugsy

13671. Re: [AWA Group] Niel, I'll be in one slammer over...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-04 23:08:37 UTC
From: Louis Vermond
Topic: 13667 Message: 13671

So...u saw a blk blkgnd with spark and above that, within the black, a pic?

Seems tt backgrounds do not work...

Worked OK here.

Bugsy

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https://www.avast.com/antivirus

13672. Re: [AWA Group] CW "de"? [Glowbugs]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-04 23:11:09 UTC
From: Louis Vermond
Topic: 13665 Message: 13672

Niel, Hue's over in YahooGroups, Glowbugs. I cpyed and pasted here.

de = of

----- Original Message -----
From: Niel - W0VLZ w0vlz@aggienetwork.com [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-06-04 6:55 PM
Subject: Re: [AWA Group] CW "de"? [Glowbugs]

Hue,

"From" in English translates to "de" in French.

Niel

'Louis Vermond' ldvermond@... [AWAGroup] wrote:
>
> □
>
> Cross Group QSO
>
> Why did ham radio adopt the C.W. signal “de” instead of the “v” used
> by the commercial services and the military? -Hue Miller
>
>
>
>

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https://www.avast.com/antivirus

13673. Re: [AWA Group] Niel, I'll be in one slammer over...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-04 23:13:46 UTC
From: N1BUG
Topic: 13667 Message: 13673

So...u saw a blk blkgnd with spark and above that, within the black, a pic?

Yes... precisely that. And a very nice spark it was, too...

Bugsy

13674. Re: [AWA Group] Niel, I'll be in one slammer over...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-04 23:19:41 UTC
From: Louis Vermond
Topic: 13667 Message: 13674

I did not RX that at all. You must live right...

----- Original Message -----
From: N1BUG paul@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-06-04 7:13 PM
Subject: Re: [AWA Group] Niel, I'll be in one slammer over...

So...u saw a blk blkgnd with spark and above that, within the black, a pic?

Yes... precisely that. And a very nice spark it was, too...

Bugsy

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https://www.avast.com/antivirus

13675. Re: [AWA Group] You should read Kruse's article "Rotary Gaps" in the August 1919 QST. It's entertaining to say the least. 73, Andy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-04 23:28:18 UTC
From: Louis Vermond
Topic: 13658 Message: 13675

Lou - I think you're just going to have to build a spark-gap and get it out of your system...a few nights on 160/80/40m CW ...

OK. A show of hands... How many here have and continue to have wanted to do just that?

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https://www.avast.com/antivirus

13676. Messing about

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-04 23:33:32 UTC
From: Louis Vermond
Topic: 13676 Message: 13676
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.co.uk/itm/RAF-WW2-Avro-Lancaster-Heavy-Bomber-Crew-Set-Ten-4x6-Photos-WWII/252407868710?_trksid=p2047675.c100011.m1850&_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D36498%26meid%3D929a43c59a654791b787d9d2e544ebdb%26pid%3D100011%26rk%3D3%26rkt%3D3%26sd%3D172221913905

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https://www.avast.com/antivirus

13677. Re: [AWA Group] You should read Kruse's article "Rotary Gaps" in the August 1919 QST. It's entertaining to say the least. 73, Andy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-04 23:35:17 UTC
From: N1BUG
Topic: 13658 Message: 13677

OK. A show of hands... How many here have and continue to have wanted to do just that?

Me!
Ever since I saw the rotary spark gap with original motor that my neighbor has in his collection...

Closest I got was building a spark gap out of modern junk and feeding it with 1500VAC in order to generate ultrasonics while helping with R&D for a power line spark locating unit.

Bugsy

13678. Re: [AWA Group] You should read Kruse's article "Rotary Gaps" in the August 1919 QST. It's entertaining to say the least. 73, Andy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-04 23:59:36 UTC
From: Louis Vermond
Topic: 13658 Message: 13678

Me! Closest I got was building a spark gap out of modern junk and feeding it with 1500VAC in order to generate ultrasonics while helping with R&D for a power line spark locating unit.

Ata Bugsy! Did you key it?

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https://www.avast.com/antivirus

13679. 3AWA QRT cuz XYL needs computer.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-05 00:16:08 UTC
From: Louis Vermond
Topic: 13679 Message: 13679

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13680. Re: Re: [AWA Group] You should read Kruse's article "Rotary Gaps" in the August 1919 QST. It's entertaining to say the least. 73, Andy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-05 02:40:16 UTC
From: N3IBX
Topic: 13658 Message: 13680

Hello All,
? ? ? ? ? ? ? FWIW, I used to have an old spark gap type of electrical Diathermy machine that was older than Moses himself. One day I had the great idea to turn it into a low power spark gap transmitter by somehow keying the B- of the thing. With a little modification here and there I got the thinhg to work. We're not lalking about a lot of power here since the thing only produced about a .250 inch spark gap. Even in spark venacular that's not a lot of power, but transmit it did.?
?I just about completely took out the AM broadcast band of a test receiver, and static was heard all the way up to about 30MHZ which is where the receiver stopped. Obviously the transmitter was untuned and created havoc wherever it could be heard at.?;

I had my fun with it and then converted it back to what it originally was, and later sold it.?

\Best regards,
Joe Cro N3IBX
?
On 06/04/16, N1BUG paul@n1bug.com [AWAGroup] wrote:
?
?

OK. A show of hands... How many here have and continue to have wanted to do just that?

Me!
Ever since I saw the rotary spark gap with original motor that my neighbor has in his collection...

Closest I got was building a spark gap out of modern junk and feeding it with 1500VAC in order to generate ultrasonics while helping with R&D for a power line spark locating unit.

Bugsy

13681. Re: [AWA Group] You should read Kruse's article "Rotary Gaps" in the August 1919 QST. It's entertaining to say the least. 73, Andy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-05 11:10:21 UTC
From: dulmagedon@...
Topic: 13658 Message: 13681

YY

13682. Re: Re: [AWA Group] You should read Kruse's article "Rotary Gaps" in the August 1919 QST. It's entertaining to say the least. 73, Andy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-05 11:37:40 UTC
From: dulmagedon@...
Topic: 13658 Message: 13682

What interests me even more is a Fessendon style alternator. Still a very practical device at LF and no gap , no spark and no tubes . Recently i saw a fellow using a stepper motor to make one . For instance a die grinder runs typically at 20000 to 28000 rpm. or around 450 to 466 revs per second. Add a 8 pole 20 pole iron based toothed wheel and a magnet energized pickup and there you are at 9khz . Double that and you are at 18khz. Sinewave , pure clean . In fact i suspect taking a old spark gap set up and removing the spark and replcing it with a magnet pickup (Permanent with a good size winding) would immediately get rid of tthe spark which is the evil source of spurious RF and a pure sine wave would be produced. which is how Fessendon probably came to his design. A late 70s car distributor for electronic ignition works exactly so. parts are still avaiable . The sine wave is used to trigger a control box there to generate a spark but without that it is just an AC signal Spend years running an osc scope in my own shop, in college and for KAL Equip out of Kalmazo and demonstrating often that distributor signal. Anyway that is my dream.
I try not to think about it but has been on my mind since I first read of his exploits since it is technology I am very familiar with.
I will go back in my cave now but the subject is very interesting whether you are a sparky of a hummer.
donVe3LYX

13683. Re: [AWA Group] You should read Kruse's article "Rotary Gaps" in the August 1919 QST. It's entertaining to say the least. 73, Andy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-05 15:29:28 UTC
From: Larry Szendrei
Topic: 13658 Message: 13683

On 6/4/16 10:40 PM, N3IBX N3IBX@... [AWAGroup] wrote:
> Hello All,
> FWIW, I used to have an old spark gap type of
> electrical Diathermy machine that was older than Moses himself. One
> day I had the great idea to turn it into a low power spark gap
> transmitter by somehow keying the B- of the thing. With a little
> modification here and there I got the thinhg to work. We're not
> lalking about a lot of power here since the thing only produced about
> a .250 inch spark gap. Even in spark venacular that's not a lot of
> power, but transmit it did.
> I just about completely took out the AM broadcast band of a test
> receiver, and static was heard all the way up to about 30MHZ which is
> where the receiver stopped.

Joe, perhaps it was getting into the receiver IF? From what I've read, there should be very little energy from a spark gap at 30 MHz.

> Obviously the transmitter was untuned and created havoc wherever it
> could be heard at.
>
> I had my fun with it and then converted it back to what it originally
> was, and later sold it.
>
> \Best regards,
> Joe Cro N3IBX

13684. RE: [AWA Group] Re: AWA Group] Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-05 21:02:35 UTC
From: dulmagedon@...
Topic: 13653 Message: 13684
Attachments: 1 described; binary payloads are missing from this source WARC

Here is a photo of the business end of the finished transceiver. The 12AQ5 audio amp is to the left rear. The Rec coil near it with the band spread ahead of it. Above is mounted the regen pot. The switch which switches B+ and the Antenna is on the panel in the centre and the RF plate choke (homebrewed) stands right behind it. I connected the choke south of the switch so it is in duty on the Rec function as well. Didn't know if it would work that way but it does. To the right is the dual gang variable cap which does the main tuning for both Rec and Trans. The Section used for transmit has a padder cap to bring it closer to the value for the Rec cap section with the bandspread. Then the coils were slug tuned till with the bandspread set in the middle both transmit and receive are on the same freq. This allows easily for tracking corrections and freq can be swept side to side when looking for an answering station. Works pretty good. The ECC832 tube is a disimilar triode with one side (rec) like a 12ax7 and one side (transmit) like a 12au7. This allows the best of both worlds as the receiver is quite sensitive but transmitter still has some grunt. Still need to log a QSO. Working mostly around 7040kcs. If that doesn't suit anyone I can move anywhere on 40M.
It was a real interesting build.
don VE3lYX

13685. Re: [AWA Group] Re: AWA Group] Weskit transceiver [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-06 01:26:15 UTC
From: Louis Vermond
Topic: 13685 Message: 13685

My goodness, Don!!!

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13686. Re: Re: [AWA Group] Re: AWA Group] Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-06 01:45:23 UTC
From: N3IBX
Topic: 13653 Message: 13686

Lou, Don is definitely "The Man"! He did a splendid job with his tranceiver, getting some advice and improvising as he went along. The end result was a terrific homebrewski CW tranceiver that is real usable on 40M.?

I think he serves as an inspiration for us all!

Mod-U-Later,
? ? ? ? ? ? ? ? ? ? Joe Cro N3IBX
?
?
On 06/05/16, 'Louis Vermond' ldvermond@... [AWAGroup] wrote:
?
?

☐
My goodness, Don!!!

13687. Spark transmittters -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-06 13:20:11 UTC
From: Mike Feher
Topic: 13687 Message: 13687

Here is a ½ KW spark transformer. I already have four of this type of different power levels, so, do not need another. 73 ☐ Mike

http://www.ebay.com/itm/131839415623

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

13688. Re: [AWA Group] Spark transmittters -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-06 14:40:47 UTC
From: N1BUG
Topic: 13687 Message: 13688

The seller also has a rotary spark gap. Wait... what parts do we need to build a working spark transmitter? Hmmmm.....

Never mind. I have too many projects as it is.

Bugsy

On 06/06/2016 09:20 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

Here is a ? KW spark transformer. I already have four of this type of different power levels, so, do not need another. 73 ? Mike

?

http://www.ebay.com/itm/131839415623

?

13689. RE: [AWA Group] Spark transmittters -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-06 14:48:17 UTC
From: Mike Feher
Topic: 13687 Message: 13689

Yes, the rotary looks neat. I may even consider bidding on it. 73 ☐ Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, June 06, 2016 10:41 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Spark transmittters -

The seller also has a rotary spark gap. Wait... what parts do we need to
build a working spark transmitter? Hmmmm.......

Never mind. I have too many projects as it is.

Bugsy

On 06/06/2016 09:20 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

Here is a ½ KW spark transformer. I already have four of this type of
different power levels, so, do not need another. 73 ☐ Mike

http://www.ebay.com/itm/131839415623

13690. Part needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-06 23:25:29 UTC
From: Roger Kuchera
Topic: 7630 Message: 13690

Gentlemen, I am trying to locate a tube with a "Medium 7-pin base." Something with a burned out filament orthat is gassy. In other words a busted/broken item. A candidate would be a type 59 or similar typewould be fine.

I need it to make a power connector for my Gross CW-25.

Thanks in advance.

Roger/K1TG

13691. RE: [AWA Group] Part needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-07 01:40:35 UTC
From: Mike Feher
Topic: 7630 Message: 13691

Roger –

If you can wait a few days I can fix you up. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, June 06, 2016 7:25 PM
To: yahoogroups
Subject: [AWA Group] Part needed

Gentlemen,

I am trying to locate a tube with a "Medium 7-pin base." Something with a burned out filament or

that is gassy. In other words a busted/broken item. A candidate would be a type 59 or similar type

would be fine.

I need it to make a power connector for my Gross CW-25.

Thanks in advance.

Roger/K1TG

13692. Re: [AWA Group] Part needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-07 03:41:38 UTC
From: Louis Vermond
Topic: 7630 Message: 13692

Roger,

The knob is in the mail. Lou

Gentlemen,
I am trying to locate a tube with a "Medium 7-pin base." Something with a burned out filament or
that is gassy. In other words a busted/broken item. A candidate would be a type 59 or similar type
would be fine.

I need it to make a power connector for my Gross CW-25.

Thanks in advance.

Roger/K1TG

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13693. Re: [AWA Group] Part needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-07 11:29:07 UTC
From: Larry Szendrei
Topic: 7630 Message: 13693

On 6/6/16 7:25 PM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:
> I am trying to locate a tube with a "Medium 7-pin base."
> Something with a burned out filament or
> that is gassy. In other words a busted/broken item. A candidate would
> be a type 59 or similar type
> would be fine.

A dead 1625 would also fill the bill, and probably more likely to be
found in one's junquebox. And the base is micanol.

73,
-Larry/NE1S

>
> .
>
>

13694. FGI

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-07 11:37:09 UTC
From: Louis Vermond
Topic: 9777 Message: 13694

http://www.w7ekb.com/glowbugs/tx/tnt.htm

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13695. Pilot Wasp Coils -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-07 14:09:36 UTC
From: Mike Feher
Topic: 13695 Message: 13695

I just bought a bunch of Wasp coils as well as an original Pilot AC supply. In with the coils was coil winding data. I do not know if this is available on the web or not as I did not check, but, thought I would scan it and share it here regardless. It is only 4 pages of .pdf files, but, it is almost 3 megs, so, rather than attaching it here, I am providing a link. Hope it will be of use to a few of you. 73 - Mike

www.eozinc.com/Pilot

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

13696. Need help: tactical radio identification

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-07 15:18:54 UTC
From: thomas.hoeppe@...
Topic: 13696 Message: 13696
Attachments: 1 described; binary payloads are missing from this source WARC

Hello group members!

Sorry for bandwith....i have something a bit off topic. But I know there are experts for green radio among the group members, and I was asked for help to identify a tactical radio that might be US origin.
Anyone knows the radio on the picture my friend sent to me? It might be from USA....so maybe I have luck here. There is no label on it!
Thanks in advance!

Tom, DJ5RE

13697. RE: [AWA Group] Need help: tactical radio identification [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-07 15:32:53 UTC
From: Mike Feher
Topic: 13696 Message: 13697

Tom –

I do not recognize it. You might try a friend, Tom Bryan tbryan@... , in case you have not done so yet. Have not forgot about the CMS, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, June 07, 2016 11:19 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Need help: tactical radio identification [1 Attachment]

Hello group members!

Sorry for bandwith....i have something a bit off topic. But I know there are experts for green radio among the group members, and I was asked for help to identify a tactical radio that might be US origin.
Anyone knows the radio on the picture my friend sent to me? It might be from USA....so maybe I have luck here. There is no label on it!
Thanks in advance!

Tom, DJ5RE

13698. de K1TG - RE: Part needed response

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-07 15:44:52 UTC
From: Roger Kuchera
Topic: 13698 Message: 13698

Gentlemen, Let me first say Thank You all for the response and extra info.

I may be mistaken but I thought a 1625 was a 12.6 volt version of an 807. The actual tubedesignation is unimportant in my application. As long as it has a 7-pin Medium base (per RCAdescription). It will be used as a power connector to a 7-pin, wafer type socket on the rearapron of my Gross CW-25. Micanol would be dandy.

There is now huge hurry to get it here as I am still trying to hunt down proper tank condensersand coil info.

Of course, I will gladly pay the freight or some sort of swap.

Have a great day.

Roger/K1TG

13699. de K1TG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-07 16:19:35 UTC
From: Roger Kuchera
Topic: 136 Message: 13699

Gentlemen, I stand corrected, the venerable 1625 does have a Medium, 7-pin base and wouldcertainly fill the bill for my application. So a "busted" 1625 works.
Roger/K1TG

13700. RE: [AWA Group] de K1TG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-07 16:31:24 UTC
From: Mike Feher
Topic: 136 Message: 13700

Like I said, I have one for you and I am glad you are not in a rush. Earlier Lou sent you a message saying something is in the mail, and, I thought it may have been this plug. Guess not. Regardless, you will have at least one if not more soon. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, June 07, 2016 12:20 PM
To: yahoogroups
Subject: [AWA Group] de K1TG

Gentlemen,

I stand corrected, the venerable 1625 does have a Medium, 7-pin base and would

certainly fill the bill for my application. So a "busted" 1625 works.

Roger/K1TG

13701. FW: [cres_email] Future Phones May Use Vacuum Tube Chips as Silicon Hits Moore's Law Extremes | Inverse

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-07 20:26:37 UTC
From: JAMES HANLON
Topic: 13701 Message: 13701

Thought you folks might be interested in this.

Jim

To: cres_email@yahoogroups.com
From: cres_email-noreply@yahoogroups.com
Date: Tue, 7 Jun 2016 13:30:06 -0400
Subject: [cres_email] Future Phones May Use Vacuum Tube Chips as Silicon Hits Moore's Law Extremes | Inverse

https://www.inverse.com/article/16574-future-phones-may-use-vacuum-tube-chips-as-silicon-hits-moore-s-law-extremes

Carl Yaffey K8NURecording studio.cyaffeyNO_SPAM@... 614 268 6353, Columbus OHhttp://www.carl-yaffey.comhttp://www.grassahol.comhttp://www.bluesswing.com

13702. RE: [AWA Group] FW: [cres_email] Future Phones May Use Vacuum Tube Chips as Silicon Hits Moore's Law Extremes | Inverse

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-07 20:34:10 UTC
From: Mike Feher
Topic: 13701 Message: 13702

Admittedly, I did not read the referenced article, however, some years ago, I was informed that Moore's law will be exceeded by going in three dimensions. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, June 07, 2016 4:27 PM
To: John MacAulay; Bob Hanlon; Wilson Lamb; Baron, Robert V; Ray Osterwald; AWA Group; John Anthes; Richard Majestic; Mike Langner; Kazuto Matsumura; Andrew D. Kostic; Dave Gordon-Smith
Subject: [AWA Group] FW: [cres_email] Future Phones May Use Vacuum Tube Chips as Silicon Hits Moore's Law Extremes | Inverse

Thought you folks might be interested in this.

Jim

To: cres_email@yahoogroups.com
From: cres_email-noreply@yahoogroups.com
Date: Tue, 7 Jun 2016 13:30:06 -0400
Subject: [cres_email] Future Phones May Use Vacuum Tube Chips as Silicon Hits Moore's Law Extremes | Inverse

https://www.inverse.com/article/16574-future-phones-may-use-vacuum-tube-chips-as-silicon-hits-moore-s-law-extremes

Carl Yaffey K8NU

Recording studio.

cyaffeyNO_SPAM@...

614 268 6353, Columbus OH

http://www.carl-yaffey.com

http://www.grassahol.com

http://www.bluesswing.com

13703. Re: [AWA Group] FW: [cres_email] Future Phones May Use Vacuum Tube Chips as Silicon Hits Moore's Law Extremes | Inverse

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-07 20:53:38 UTC
From: Louis Vermond
Topic: 13701   Message: 13703

QRPppppppppppppppppppppppppppppppppppppppppppppppppppppppppppppppppppppppppppppppppppppppp
ppppppppppppppppppppppppppppppppppppp
----- Original Message -----
From: JAMES HANLON knjhanlon@... [AWAGroup]
To: John MacAulay ; Bob Hanlon ; Wilson Lamb ; Baron, Robert V ; Ray Osterwald ; AWA Group ; John Anthes ; Richard Majestic ; Mike Langner ; Kazuto Matsumura ; Andrew D. Kostic ; Dave Gordon-Smith
Sent: 2016-06-07 4:26 PM
Subject: [AWA Group] FW: [cres_email] Future Phones May Use Vacuum Tube Chips as Silicon Hits Moore's Law Extremes | Inverse

Thought you folks might be interested in this.

Jim

To:

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13704. Tube base

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-07 22:16:57 UTC
From: Roger Kuchera
Topic: 13704 Message: 13704

GA Mike, Thanks for the tube/tube base. It may be a bit of a nitpick use the same pin configuration. With allthe other stuff that is missing from the CW-25, every little bit helps.

I'm against the wall with coil data and I may have to do some R & D with my GDO to find valuesthat will work. I suppose if this refurbishing facet of ham radio was easy, everyone would be doing it.

Take care and stay well.

Roger/K1TG

13705. RE: [AWA Group] Re: AWA Group] Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-08 02:53:45 UTC
From: dulmagedon@...
Topic: 13653 Message: 13705

I built a PSU for the little rig today inside a small shack speaker cabinet.. Seems to work quite well. Input for TX is up to 6.2 watts. Once warmed up thoroughly it seems to settle in a work well. 3 to 5 minutes is about wht it takes to get fully warmed up. The RX works on the new supply however I may have to add some resistance as the rx is running too close to full throttle. BTW it does have good ears. It seems to be able to go in behind what my other Rxs can hear. I am going to use it as is for now and do some pondering before I mess with it. Still hanging around 7040kcs whenever I am in the shack.
I find myself wanting to leave it as it is. I think it will work pretty well.
donVe3LYX.
BTW Tom. That Green rig has to me the look of the MacKay company. I had one of their non Military oommunications rx s here and it had the same style of digital tuning. Almost indentical.

13706. Re: [AWA Group] Need help: tactical radio identification [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-08 14:32:11 UTC
From: Larry Szendrei
Topic: 13696 Message: 13706

I've never seen that particular set before, but it sure looks like an interesting radio! It appears to be a transceiver, correct? It looks very simple to operate, but somewhat limited in capabilities. There appear to be no controls to select receive bandwidth or AVC time constant, for example.

I will forward your email to a friend that is into green radios; I'd be surprised if he couldn't identify it.

73,
-Larry/NE1S

On 6/7/16 11:18 AM, thomas.hoeppe@... [AWAGroup] wrote:
>
> Hello group members!
>
> Sorry for bandwith....i have something a bit off topic. But I know
> there are experts for green radio among the group members, and I was
> asked for help to identify a tactical radio that might be US origin.
> Anyone knows the radio on the picture my friend sent to me? It might
> be from USA....so maybe I have luck here. There is no label on it!
> Thanks in advance!
>
> Tom, DJ5RE
>
>
> .
>
>

13707. RE: [AWA Group] Need help: tactical radio identification

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-08 14:48:38 UTC
From: Mike Feher
Topic: 13696 Message: 13707

Larry –

I have close to 100 “green” radios from various years, and have yet to see this one. Mil backpack radios did not have the additional controls you mentioned. They were meant for battlefield operation and with easy man/machine interface. On first quick look I thought it was a PRC-74, but, it is not. That was why I offered the suggestion, which Tom did follow up. Hope he lets us know the outcome. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, June 08, 2016 10:32 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Need help: tactical radio identification

I've never seen that particular set before, but it sure looks like an interesting radio! It appears to be a transceiver, correct? It looks very simple to operate, but somewhat limited in capabilities. There appear to be no controls to select receive bandwidth or AVC time constant, for example.

I will forward your email to a friend that is into green radios; I'd be surprised if he couldn't identify it.

73,
-Larry/NE1S

On 6/7/16 11:18 AM, thomas.hoeppe@asamnet.de [AWAGroup] wrote:

Hello group members!

Sorry for bandwith....i have something a bit off topic. But I know there are experts for green radio among the group members, and I was asked for help to identify a tactical radio that might be US origin.
Anyone knows the radio on the picture my friend sent to me? It might be from USA....so maybe I have luck here. There is no label on it!
Thanks in advance!

Tom, DJ5RE

.

<http://geo.yahoo.com/serv?s=97359714/grpId=39470910/grpspId=1705063108/msgId=13696/stime=1465312736>

<http://y.analytics.yahoo.com/fpc.pl?ywarid=515FB27823A7407E&a=10001310322279&js=no&resp=img&cf9=PHOTOMATIC&cf12=CP>

13708. RE: Regen Transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-08 16:50:38 UTC
From: Niel - W0VLZ
Topic: 13708 Message: 13708

Don,

Congratulations on your 12AQ5/ECC832 transceiver. You consistently have better results with a regen than I do.

Please post a schematic with parts values. I and (I'm certain) several others would like to repeat your experience and use it as a basis on which to build our own expertise.

tnx es 73,
Niel - W0VLZ

> Here is a photo of the business end of the finished transceiver. The
> 12AQ5 audio amp is to the left rear. The Rec coil near it with the
> band spread ahead of it. Above is mounted the regen pot. The switch
> which switches B+ and the Antenna is on the panel in the centre and
> the RF plate choke (homebrewed) stands right behind it. I connected
> the choke south of the switch so it is in duty on the Rec function as
> well. Didn't know if it would work that way but it does. To the right
> is the dual gang variable cap which does the main tuning for both Rec
> and Trans. The Section used for transmit has a padder cap to bring it
> closer to the value for the Rec cap section with the bandspread. Then
> the coils were slug tuned till with the bandspread set in the middle
> both transmit and receive are on the same freq. This allows easily for
> tracking corrections and freq can be swept side to side when looking
> for an answering station. Works pretty good. The ECC832 tube is a!
> disimilar triode with one side (rec) like a 12ax7 and one side
> (transmit) like a 12au7. This allows the best of both worlds as the
> receiver is quite sensitive but transmitter still has some grunt.
> Still need to log a QSO. Working mostly around 7040kcs. If that
> doesn't suit anyone I can move anywhere on 40M.
> It was a real interesting build.
> don VE3lYX

13709. RE: Regen Transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-08 19:42:10 UTC
From: dulmagedon@...
Topic: 13708 Message: 13709

Um well ....I don't use schematics for regens or simple txs anymore . So I would have to sit down and draw one and circuits are already a dime a dozen. However here is a description that should do the job.
It is a hartley osc. (gridleak at top of coil, centre tap (and it is at the centre) to cathode and bottom to B-neg. Main tuning and bandspread cap are across the coil from top to the bottom of the coil. Antenna comes in from a 4 turn link at the top of the coil (grid leak end) I use single feed so one end (closest to main coil winding)is grounded and the other end (top)to the antenna single feed. Gridleak is 1 megohm with 220 cap in parallel. Plate is supplied by a 250K pot across the B+ and B-. Wiper feeds a resitor 5k which is stnding in for the phones on a two stage regen and that feeds the plate. An Rf choke is in the circuit between phones and plate (normal placement although I have put it other places too with good results.) I am using on this one 1/2 a ECC832 tube bt that is the same as 1/2 a 12ax7 . I feed a 12aq5 from there with a .01 Cap (you could use a .1 but the extra freq response can be a pain for hum so i dont.) Now it isnt necessary to use a 12aq5 really. The other half of a 12ax7 will also do the job. Bias it about half way in lieu of a volume control. (The .01 cap of course goes to the audio tube grid but you know that.) I adjust the voltage to the audio stage with a resistor in series with its plate supply because if you power the audio too high it picks up house wiring hum and all.) I measured it and I have about 120 volts on it currently. Cathode resistor can be anything under 400ohms with 250 ohms being my favourite bypassed with a electrolytic of say 10uf and 25 volts. Not critical. I put a 10K resistor from the plate supply to the screen (using the other half of a 12ax7 there is no screen so it would be a non issue.) The phones are in series with the plate resistor. Sometimes it helps to bypass the resistor to ground if the regen is stubborn. Value not critical, say ,001 or something but only if needed.
If it passes the smoke test turn the regen till you hear a slight squeal or whistle with antenna connected , Tune it further and you will find some signals or ambient band noise. Tune till you hear what you want. The more you run it the better you will get.
This one surprises me as it seems to reach in behind the noise and I can copy fellows in you area I can't even hear on the Dx394 or the Dx150 com rxs. It takes time to get used to running a regen and they are perschnickety but they are great performers and addictive. (I haven't counted recently but I think i must have now 15 or 20 running currently)
Oh yeah! One thing when you get it working good. DO NOT improve. the circuit or layout! Leave it alone.
Anyway not hard. Build the Hartley build the Audio amp. Make the hartley feed the audio amp and put the phones in series with the B for the audio amp and they will sense changes in load and you will hear it all. A hartley style regen can handle a big antenna. An Armstrong style can not. I discovered over the years a lot of the theories of how regens work are overcomplicated and suspect to be polite. They really are just an underpowered osc with a set of phones sensing changes in load in sync with the incoming signal as they strain to reach oscillation.
So could one under power their hartley transmitter with set of phones in series with the B voltage and hear signals? Yup. Tis really that simple.
DonVe3LYX

13710. RE: Regen Transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-08 20:28:13 UTC
From: dulmagedon@...
Topic: 13708 Message: 13710

An Rf choke is in the circuit between phones and plate. SHOULD READ
An RF choke is in the circuit between 5k resistor(which is standing in for where the phones would be it a one tube regen) and plate.
I originally built it as a one tube regen or single stage and it worked quite well but too many birthdays has hampered my hearing so I added the audio tube. It was certainly usable though as a one stage regen . It was a toss up whether to leave it or add the second stage.
don

13711. RE: Regen Transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-09 03:02:44 UTC
From: dulmagedon@...
Topic: 13708 Message: 13711

Also I owe an apology. I don't have 15 to 20. I only have 13. Counted them tonite. been using the new one for the last hour.
donVe3LYX

13712. Arabian Proverb -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-10 00:14:50 UTC
From: Mike Feher
Topic: 13712 Message: 13712

I ran across this in a 1974 issue of Electronics News magazine, back in '74, and always remembered it and tried to use it. Fortunately for me, I found some good ones to follow. I also had the opportunity to teach and wake some, and learned quickly whom to shun. 73 - Mike

He who knows not and knows not that he knows not, is a fool ... shun him.

He who knows not and knows that he knows not, is ignorant ... teach him.

He who knows and knows not that he knows, is asleep ... wake him.

He who knows and knows that he knows, is a wise man ... follow him.

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

13713. Re: [AWA Group] Arabian Proverb -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-10 01:13:02 UTC
From: Leonard Meek
Topic: 13712 Message: 13713

I got this from my 5th grade teacher in 1942.

Leonard

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Thursday, June 09, 2016 2:14 PM
Subject: [AWA Group] Arabian Proverb -

I ran across this in a 1974 issue of Electronics News magazine, back in '74, and always remembered it and tried to use it. Fortunately for me, I found some good ones to follow. I also had the opportunity to teach and wake some, and learned quickly whom to shun. 73 - Mike

He who knows not and knows not that he knows not, is a fool ... shun him.

He who knows not and knows that he knows not, is ignorant ... teach him.

He who knows and knows not that he knows, is asleep ... wake him.

He who knows and knows that he knows, is a wise man ... follow him.

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

13714. RE: [AWA Group] Arabian Proverb -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-10 01:16:16 UTC
From: Mike Feher
Topic: 13712 Message: 13714

Well, in '42 I was only -3 years old J. Regardless, we do not choose when we are born, and obviously the proverb is timeless. Regards - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, June 09, 2016 9:13 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Arabian Proverb -

I got this from my 5th grade teacher in 1942.

Leonard

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup]
<mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: Thursday, June 09, 2016 2:14 PM

Subject: [AWA Group] Arabian Proverb -

I ran across this in a 1974 issue of Electronics News magazine, back in '74, and always remembered it and tried to use it. Fortunately for me, I found some good ones to follow. I also had the opportunity to teach and wake some, and learned quickly whom to shun. 73 - Mike

He who knows not and knows not that he knows not, is a fool ... shun him.

He who knows not and knows that he knows not, is ignorant ... teach him.

He who knows and knows not that he knows, is asleep ... wake him.

He who knows and knows that he knows, is a wise man ... follow him.

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

13715. Re: [AWA Group] Arabian Proverb -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-10 01:22:04 UTC
From: Leonard Meek
Topic: 13712 Message: 13715

It's been my yard stick for the past XXX years.

Leonard

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Thursday, June 09, 2016 3:16 PM
Subject: RE: [AWA Group] Arabian Proverb -

Well, in '42 I was only -3 years old J. Regardless, we do not choose when we are born, and obviously the proverb is timeless. Regards - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, June 09, 2016 9:13 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Arabian Proverb -

I got this from my 5th grade teacher in 1942.

Leonard

----- Original Message -----

From: 'Mike Feher' n4fs@eozinc.com [AWAGroup]

To: AWAGroup@yahoogroups.com

Sent: Thursday, June 09, 2016 2:14 PM

Subject: [AWA Group] Arabian Proverb -

I ran across this in a 1974 issue of Electronics News magazine, back in '74, and always remembered it and tried to use it. Fortunately for me, I found some good ones to follow. I also had the opportunity to teach and wake some, and learned quickly whom to shun. 73 - Mike

He who knows not and knows not that he knows not, is a fool ... shun him.

He who knows not and knows that he knows not, is ignorant ... teach him.

He who knows and knows not that he knows, is asleep ... wake him.

He who knows and knows that he knows, is a wise man ... follow him.

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

13716. RE: [AWA Group] Arabian Proverb -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-10 11:20:34 UTC
From: Steve Flood
Topic: 13712 Message: 13716

Several years ago I attended one of those 'how to work with difficult people' workshops, where we were introduced to this study:

https://en.wikipedia.org/wiki/Dunning%E2%80%93Kruger_effect

-Steve

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13717. RE: [AWA Group] Arabian Proverb -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-10 11:28:05 UTC
From: Mike Feher
Topic: 13712 Message: 13717

Very interesting Steve. Listening on the airways certainly confirms the result of the study. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, June 10, 2016 7:21 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Arabian Proverb -

Several years ago I attended one of those 'how to work with difficult people' workshops, where we were introduced to this study:

https://en.wikipedia.org/wiki/Dunning%E2%80%93Kruger_effect

-Steve

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient&utm_term=oa-2322-b>

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient&utm_term=oa-2322-b> Virus-free

13718. RE: [AWA Group] Need help: tactical radio identification

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-08 15:04:14 UTC
From: Thomas Höppe
Topic: 13696 Message: 13718

Hello!

The problem is solved! Mike suggested to contact Tom, N3AJA. A perfect tip!
TNX again Mike!

It is a Stoner PRC-12S or PMC-12S. He said it is extremely rare.

TNX for your interest!

Tom, DJ5RE

13719. "Practical Amateur Wireless Stations", 1920

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-11 00:37:05 UTC
From: aflowers@frontiernet.net
Topic: 13719 Message: 13719

I ran across an interesting book last night: "Practical Amateur Wireless Stations."
It is a compilation of practical construction articles by the Editor of The Wireless Age magazine. It's from 1920, and as you might expect, there is quite a bit of spark-era building guidance including how to fashion a hot wire ammeter, assemble a home-brew spark gap, and build transformers. It's a really interesting look into the creative minds that built amateur gear before the broadcasting boom.
My favorite so far is the electrically-operated keyer utilizing eddy currents in Chapter XXXVIII.
On Google Books (public domain):
https://books.google.com/books?id=EqsoAQAAMAAJ&printsec=frontcover&dq=Practical+Amateur+Wireless+Stations&hl=en&sa=X&ved=0ahUKEwj81rye1Z7NAhUhHlIKHQO3BmcQ6AEIHjAA#v=onepage&q=Practical%20Amateur%20Wireless%20Stations&f=false
Enjoy!
Andy K0SM/2

13720. Clever

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-11 13:44:55 UTC
From: Louis Vermond
Topic: 13720 Message: 13720

http://www.ebay.co.uk/itm/Parts-for-making-ANY-HT-B-battery-Valve-tube-radio-Roberts-Metz-Philips-Grundig/272248877670?_trksid=p2047675.c100011.m1850&_trkparms=aid%3D333008%26algo%3DRIC.MBE%26ao%3D1%26asc%3D20140107084022%26meid%3Db914c4b86f314b2bb4916b75a9f2f45d%26pid%3D100011%26rk%3D8%26rkt%3D10%26sd%3D381654894247

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https://www.avast.com/antivirus

13721. Who are we? Doctors!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-11 22:14:57 UTC
From: Louis Vermond
Topic: 13721 Message: 13721
Attachments: 1 described; binary payloads are missing from this source WARC

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https://www.avast.com/antivirus

13722. RE: [AWA Group] Who are we? Doctors!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-11 23:21:48 UTC
From: Mike Feher
Topic: 13721 Message: 13722
Attachments: 1 described; binary payloads are missing from this source WARC

I do not get it. - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, June 11, 2016 6:15 PM
To: AWAGroup
Subject: [AWA Group] Who are we? Doctors!

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campai
gn=sig-email&utm_content=emailclient>

Virus-free.
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campai
gn=sig-email&utm_content=emailclient> www.avast.com

13723. Re: [AWA Group] Who are we? Doctors!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-11 23:29:14 UTC
From: Steve
Topic: 13721 Message: 13723

Nobody can read doctor's handwriting

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

13724. RE: [AWA Group] Who are we? Doctors!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-11 23:31:17 UTC
From: Mike Feher
Topic: 13721 Message: 13724

I guess sometimes the obvious escapes me, HI. Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, June 11, 2016 7:29 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Who are we? Doctors!

Nobody can read doctor's handwriting

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":

http://ve7sl.blogspot.ca/

13725. Re: [AWA Group] Who are we? Doctors!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-12 01:33:33 UTC
From: Leonard Meek
Topic: 13721 Message: 13725

I resemble that remark!

13726. Re: [AWA Group] Who are we? Doctors!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-12 01:46:52 UTC
From: Louis Vermond
Topic: 13721 Message: 13726
Attachments: 1 described; binary payloads are missing from this source WARC

Nobody can read doctor's handwriting

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https://www.avast.com/antivirus

13727. Re: Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-12 02:37:55 UTC
From: dulmagedon@...
Topic: 13615 Message: 13727

Speaking of radio, I have spent the past few days spending a lot of time running the regen section of my transceiver. I am somewhat surprised how well it works considering it has so few parts. Joe, tonight , since I remember you saying the 12aq5 might run small speaker I clipped a audio transformer and speaker to the phones jack. It does. Not real loud but ok on strong stations and I have cut back the plate voltage on the amp quite a bit during my search for hum elimination. Since I still have lots of volume for phones and have completely gotten rid of the hum I left the resistor in place. I compared it with an Armstrong style regen I built a while back. The Armstrong works but it isn't even in the same ball game. Altho ugh it was built for a different reason nd served that purpose. This one is a hartley. The Tx and RX track together on a dual gang tunig capacitor but I rarely have to make corrections on the 40m section when gong from RX to TX once I set it up initially. If the only RX I had was this one I would be OK. So far a TX contact has eluded me. All the field strength testing I did indicates it should be OK. My good Txs , ones I have talked with some of you on, all show up on RX at a certain spot a few miles away before leaving earth for a bit. This one is also good there so every set that is good there so far has tuned out to be fine on air. So it should do the job. Just to check I fired up the 211 hartley today and was also unable to raise any one and it usually gets an answer. Hopefully I will log QSO with it soon. There is a contest on tonite with lots of traffic so I m steering clear as it doesn't appear to be a fleapower contest.
donVe3LYX

13728. Re: [AWA Group] Re: Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-12 03:01:04 UTC
From: N3IBX
Topic: 13615 Message: 13728

?Hello Don,
? ? ? ? ? ? ? ? I'm glad to hear the 12AQ5 in the audio circuit of your "tranceiver" is working out for you! I'd imagine you would get a bit more volume out of it if your plate voltage was higher or you attempted to increase the output of it by increasing your screen voltage. Either way would work, but with the possible addition of introducing more hum into the circuit. It sounds to me like you've reached a good equilibrium between audio output and ease of use. If it will drive a average 4 inch or so speaker to a reasonable level, which I believe it can, I'd leave it well enough alone.?

Remember, a 12AQ5 is just the 12 volt filament cousin of the 6AQ5, which in turn is nothing more than a baseless 6V6 in a minature envelope.?

Mod-U-Later,
? ? ? ? ? ? ? ? ? ? ?Joe Cro N3IBX
?
?
On 06/11/16, dulmagedon@... [AWAGroup] wrote:
?
?

Speaking of radio, I have spent the past few days spending a lot of time running the regen section of my transceiver. I am somewhat surprised how well it works considering it has so few parts. Joe, tonight , since I remember? you saying the 12aq5 might run? small speaker I clipped a audio transformer and speaker to the phones jack. It does. Not real loud but ok on strong stations and I have cut back the plate voltage on the amp quite a bit during my search for hum elimination. Since I still have lots of volume for phones and have completely gotten rid of the hum I left the resistor in place. I compared it with an Armstrong style regen I built a while back. The Armstrong works but it isn't even in the same ball game. Altho ugh it was built for a different reason nd served that purpose. This one is a hartley. The Tx and RX track together on a dual gang tunig capacitor but I rarely have to make corrections on the 40m section when gong from RX to TX once I set it up initially. If the only RX I had was this one I would be OK. So far a TX contact has eluded me. All the field strength testing I did indicates it should be OK. My good Txs , ones I have talked with some of you on, all show up on? RX at a certain spot a few miles away before leaving earth for a bit. This one is also good there so every set that is good there so far has tuned out to be fine on air. So it should do the job. Just to check I fired up the 211 hartley today and was also unable to raise any one and it usually gets an answer. Hopefully I will log QSO with it soon.? There is a contest on tonite with lots of traffic so I m steering clear as it doesn't appear to be a fleapower contest.
donVe3LYX

13729. What is this?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-13 14:09:44 UTC
From: Louis Vermond
Topic: 3811 Message: 13729

http://www.ebay.co.uk/itm/Radio-tuner-date-/131845859588?hash=item1eb2a02904:g:bdIAAOSwuhhXXVvd

---
This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13730. RE: [AWA Group] What is this?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-13 14:24:01 UTC
From: Mike Feher
Topic: 3811 Message: 13730

Looks like a regen and an audio two tube set. -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, June 13, 2016 10:10 AM
To: AWAGroup
Subject: [AWA Group] What is this?

http://www.ebay.co.uk/itm/Radio-tuner-date-/131845859588?hash=item1eb2a02904
:g:bdIAAOSwuhhXXVvd

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campai
gn=sig-email&utm_content=emailclient>

Virus-free.
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campai
gn=sig-email&utm_content=emailclient> www.avast.com

13731. Re: [AWA Group] What is this?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-13 14:31:18 UTC
From: Larry Szendrei
Topic: 3811 Message: 13731

I'm going out on a limb here, Lou, but to me it looks like some sort of receiver ;-)

Seriously, it could be a detector with single RF stage, or a regen detector plus an audio stage (in this case one of the caps could be throttle cap for regen control). Just semi-educated guesses.

73,
-Larry/NE1S

On 6/13/16 10:09 AM, 'Louis Vermond' ldvermond@... [AWAGroup] wrote:
>
> http://www.ebay.co.uk/itm/Radio-tuner-date-/131845859588?hash=item1eb2a02904:g:bdIAAOSwuhhXXVvd
>
>
>
>
> .
>
>

13732. Re: [AWA Group] What is this?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-13 16:53:17 UTC
From: Louis Vermond
Topic: 3811 Message: 13732

Tks Mike and Larry,

I'm going out on a limb here, Lou, but to me it looks like some sort of receiver ;-) Sooo clever.

Seriously, it could be a detector with single RF stage, or a regen detector plus an audio stage (in this case one of the caps could be throttle cap for regen control). Just semi-educated guesses.

Maybe. I am in QSL with seller asking for details. Will get back to this when that dust settles.

Lou

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https://www.avast.com/antivirus

13733. RE: [AWA Group] What is this?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-13 17:31:38 UTC
From: Mike Feher
Topic: 3811 Message: 13733

Lou -

I am curious to know, why this simple, and more than likely homebrew, two tube set intrigues you enough to actually communicate with the seller. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, June 13, 2016 12:53 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] What is this?

Tks Mike and Larry,

I'm going out on a limb here, Lou, but to me it looks like some sort of receiver ;-) Sooo clever.

Seriously, it could be a detector with single RF stage, or a regen detector plus an audio stage (in this case one of the caps could be throttle cap for regen control). Just semi-educated guesses.

Maybe. I am in QSL with seller asking for details. Will get back to this when that dust settles.

Lou

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free.
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13734. Re: [AWA Group] What is this?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-13 18:26:12 UTC
From: Louis Vermond
Topic: 3811 Message: 13734

Because it's English and of a 'curtain' age.

Would say not likely HB...

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-06-13 1:31 PM
Subject: RE: [AWA Group] What is this?

Lou -

I am curious to know, why this simple, and more than likely homebrew, two tube set intrigues you enough to actually communicate with the seller. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, June 13, 2016 12:53 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] What is this?

Tks Mike and Larry,

I'm going out on a limb here, Lou, but to me it looks like some sort of receiver ;-) Sooo clever.

Seriously, it could be a detector with single RF stage, or a regen detector plus an audio stage (in this case one of the caps could be throttle cap for regen control). Just semi-educated guesses.

Maybe. I am in QSL with seller asking for details. Will get back to this when that dust settles.

Lou

Virus-free. www.avast.com

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https://www.avast.com/antivirus

13735. RE: [AWA Group] What is this?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-13 18:29:57 UTC
From: Mike Feher
Topic: 3811 Message: 13735

OK - whatever turns you on. As far as HB, look at the misalignment of a lot of the mechanical junctions, the soldering and the wiring. Possibly a kit. Good luck with it. BTW, what dust is setting? - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, June 13, 2016 2:26 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] What is this?

Because it's English and of a 'curtain' age.

Would say not likely HB...

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup]
<mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2016-06-13 1:31 PM

Subject: RE: [AWA Group] What is this?

Lou -

I am curious to know, why this simple, and more than likely homebrew, two tube set intrigues you enough to actually communicate with the seller. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, June 13, 2016 12:53 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] What is this?

Tks Mike and Larry,

I'm going out on a limb here, Lou, but to me it looks like some sort of receiver ;-) Sooo clever.

Seriously, it could be a detector with single RF stage, or a regen detector plus an audio stage (in this case one of the caps could be throttle cap for regen control). Just semi-educated guesses.

Maybe. I am in QSL with seller asking for details. Will get back to this when that dust settles.

Lou

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

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<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free.
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13736. Re: [AWA Group] What is this?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-13 18:35:07 UTC
From: Louis Vermond
Topic: 3811 Message: 13736

Communications dust...

Kit, maybe.

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-06-13 2:29 PM
Subject: RE: [AWA Group] What is this?

OK - whatever turns you on. As far as HB, look at the misalignment of a lot of the mechanical junctions, the soldering and the wiring. Possibly a kit. Good luck with it. BTW, what dust is setting? - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, June 13, 2016 2:26 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] What is this?

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Would say not likely HB...

----- Original Message -----

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To: AWAGroup@yahoogroups.com

Sent: 2016-06-13 1:31 PM

Subject: RE: [AWA Group] What is this?

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

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Maybe. I am in QSL with seller asking for details. Will get back to this when that dust settles.

Lou

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Virus-free. www.avast.com

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https://www.avast.com/antivirus

13737. RE: [AWA Group] What is this?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-13 18:41:02 UTC
From: Mike Feher
Topic: 3811 Message: 13737

BTW, as to vintage, I would guess early '30s. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, June 13, 2016 2:35 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] What is this?

Communications dust...

Kit, maybe.

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup]
<mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2016-06-13 2:29 PM

Subject: RE: [AWA Group] What is this?

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of the mechanical junctions, the soldering and the wiring. Possibly a kit.
Good luck with it. BTW, what dust is setting? - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

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To: AWAGroup@yahoogroups.com
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<mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2016-06-13 1:31 PM

Subject: RE: [AWA Group] What is this?

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

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To: AWAGroup@yahoogroups.com
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Maybe. I am in QSL with seller asking for details. Will get back to this when that dust settles.

Lou

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<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

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gn=sig-email&utm_content=emailclient> www.avast.com

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campai
gn=sig-email&utm_content=emailclient>

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<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campai
gn=sig-email&utm_content=emailclient> www.avast.com

13738. Re: [AWA Group] What is this?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-13 18:59:47 UTC
From: Louis Vermond
Topic: 3811 Message: 13738
Attachments: 1 described; binary payloads are missing from this source WARC

BTW, as to vintage, I would guess early '30s. 73 - Mike

Good guess, but the valve pin sockets are very early.

An odd mix that...

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https://www.avast.com/antivirus

13739. RE: [AWA Group] What is this?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-13 19:10:53 UTC
From: Mike Feher
Topic: 3811 Message: 13739
Attachments: 1 described; binary payloads are missing from this source WARC

Actually, I think not. The early sockets were panel or chassis mounted hollow machined tall jacks to accommodate the tube pins. After that came the molded integrated sockets. These are real cheap sockets made much later to cut cost. I have had British sets for well over 50 years and had over at least a hundred and still have a bunch. So, from my observation and experience I will still say that this set is no earlier than the '30s. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, June 13, 2016 3:00 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] What is this?

BTW, as to vintage, I would guess early '30s. 73 - Mike

Good guess, but the valve pin sockets are very early.

An odd mix that...

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<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13740. RE: [AWA Group] What is this?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-13 19:50:33 UTC
From: dulmagedon@...
Topic: 3811 Message: 13740

I could never buy it. It violates one of my life long rules learned at School of Hard Knocks.
donVe3LYX

13741. Re: Re: [AWA Group] What is this?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-14 02:13:23 UTC
From: N3IBX
Topic: 3811 Message: 13741

Hello All, This is just a longshot. It could very well be some sort of 2 valve receiver or perhaps some sort of tuner.
Instead of valves occupying the 4 pinned sockets perhaps each one was for an inductance of sorts. Maybe the device was some sort of Broadcast frequency wave trap used to keep the broadcast band out of the Amateur bands or visa-versa.

Maybe..... Just a SWAG on my part.

Regards,
Joe Cro N3IBX

13742. RE: Re: [AWA Group] What is this?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-14 02:20:18 UTC
From: Mike Feher
Topic: 3811 Message: 13742

Joe –

If you look at the photos, there is an inductor between the two caps. On the sockets the proper filament leads are connected and go to the LT binding posts , so, they are indeed for tubes. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, June 13, 2016 10:13 PM
To: AWAGroup@yahoogroups.com
Subject: Re: Re: [AWA Group] What is this?

Hello All, This is just a longshot. It could very well be some sort of 2 valve receiver or perhaps some sort of tuner.

Instead of valves occupying the 4 pinned sockets perhaps each one was for an inductance of sorts. Maybe the device was some sort of Broadcast frequency wave trap used to keep the broadcast band out of the Amateur bands or visa-versa.

Maybe..... Just a SWAG on my part.

Regards,

Joe Cro N3IBX

13743. eBay Alert Rigs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-14 11:12:13 UTC
From: Louis Vermond
Topic: 13743 Message: 13743

http://www.ebay.com/sch/hootshobby/m.html?item=222149843832&rt=nc&_trksid=p2047675.l2562

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https://www.avast.com/antivirus

13744. What is this? and Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-14 14:56:21 UTC
From: Louis Vermond
Topic: 13744 Message: 13744
Attachments: 2 described; binary payloads are missing from this source WARC

Actually, I think not. The early sockets were panel or chassis mounted hollow machined tall jacks to accommodate the tube pins. Yes.

I will still say that this set is no earlier than the '30s. Early 1930s, yes.

I saw these...

Though these...

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https://www.avast.com/antivirus

13745. CQ AWA on 20m

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-14 16:37:56 UTC
From: thomas.hoeppe@...
Topic: 13745 Message: 13745

right now on 14180 direction USA.
If you read that in time, pse try....

13746. RE: [AWA Group] CQ AWA on 20m

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-14 17:28:23 UTC
From: Mike Feher
Topic: 13745 Message: 13746

Just had a nice enjoyable QSO with Tom on 20 meters. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, June 14, 2016 12:38 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] CQ AWA on 20m

right now on 14180 direction USA.

If you read that in time, pse try....

13747. Re: [AWA Group] CQ AWA on 20m

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-14 18:06:46 UTC
From: Louis Vermond
Topic: 13745 Message: 13747

Just had a nice enjoyable QSO with Tom on 20 meters. 73 – Mike

And I had a nice enjoyable listen.

Tom, you started out at 5-7 with you, Mike an R-3. At the end of the QSO, the signals reversed in readability. Next time I will call in sooner.

73, Lou
VE3AWA

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https://www.avast.com/antivirus

13748. Re: [AWA Group] CQ AWA on 20m

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-14 18:11:15 UTC
From: Roger Kuchera
Topic: 13745 Message: 13748

If I operate that high up the band, I get a nosebleed!
Roger/K1TG

On Tuesday, June 14, 2016 2:06 PM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv9489272093 #yiv9489272093 .yiv9489272093ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv9489272093 div.yiv9489272093ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv9489272093 div.yiv9489272093photo-title a, #yiv9489272093 div.yiv9489272093photo-title a:active, #yiv9489272093 div.yiv9489272093photo-title a:hover, #yiv9489272093 div.yiv9489272093photo-title a:visited {text-decoration:none;}#yiv9489272093 div.yiv9489272093attach-table div.yiv9489272093attach-row {clear:both;}#yiv9489272093 div.yiv9489272093attach-table div.yiv9489272093attach-row div {float:left;}#yiv9489272093 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv9489272093 div.yiv9489272093ygrp-file {width:30px;}#yiv9489272093 div.yiv9489272093attach-table div.yiv9489272093attach-row div div a {text-decoration:none;}#yiv9489272093 div.yiv9489272093attach-table div.yiv9489272093attach-row div div span {font-weight:normal;}#yiv9489272093 div.yiv9489272093ygrp-file-title {font-weight:bold;}#yiv9489272093 --> ☐

Just had a nice enjoyable QSO with Tom on 20 meters. 73 – Mike And I had a nice enjoyable listen. Tom, you started out at 5-7 with you, Mike an R-3. At the end of the QSO, the signals reversed in readability. Next time I will call in sooner. 73, LouVE3AWA

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13749. Re: [AWA Group] CQ AWA on 20m

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-14 18:12:49 UTC
From: dulmagedon@...
Topic: 13745 Message: 13749

Sorry I missed it. I am good on 20M. I will be in Europe next week but next door. Hoorn, NL.
I was mowing the lawn in anticipation of a week away.
donVe3LYX

13750. Re: [AWA Group] CQ AWA on 20m

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-15 14:54:42 UTC
From: Thomas Höppe
Topic: 13745 Message: 13750

Hello everybody!

I will spot when I go to DL0AO next time. It was an easy game to work Mike, N4FS for very interesting vintage discussions.

TNX everybody who tried it!

Tom, DJ5RE

13751. Re: [AWA Group] CQ AWA on 20m

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-15 15:28:34 UTC
From: dulmagedon@...
Topic: 13745 Message: 13751

So that is your club station? Is it in Amberg? If I remember rightly Amberg is about 15 to 20km from Nurnberg. I am sure I remember seeing the sign for it at the corner down by the lake. Since I live in Ameliasburgh, an Amberg to Ameliasburgh would be a fun QSO. I could ignore the difference of Burg(h) and Berg just for the fun of it. Anyway checked out all my 20m connections and the rig and should be ready to go next time. There also used to be a Amatuer Radio Club next door to my cousin's in Metzingen but I was too shy to knock on the door when I was there even though he thought I should. Somedays I wish I had.
DonVe3LYX

13752. Re: [AWA Group] CQ AWA on 20m

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-15 15:57:37 UTC
From: Thomas Höppe
Topic: 13745 Message: 13752
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Don!

Yes, you are right. We are close to Nürnberg, about 50km in the East. We are surrounded by two very large US training areas, Hohenfels in the South and Grafenwöhr in the North. Both include very big US military communities. Where I grew up in Amberg, there was a small field landing strip, and there was an old HF beacon. One time I got in touch with K9BWI from Colorado. He built up this beacon in the early 60☐ies! The world is small when you are am HAM, isn☐t it?

The clubstation is in Amberg, on the West end of the town. It is a relict of the Cold War. We are close to the ex Iron Courtain, and during Cold War the DL0AO location was an area to store ammunition for tanks. There are dozens of bunkers in our lot. The clubstation is housed in the old guardhouse .with bullet-proof windows, hi. I added an old picture taken from the air by DL4RCF. You see the gate, some antennas and the house. Watch the ☐bullet catchers☐, the walls in front of the doors.

When you say Amberg on the radio it is mixed up very often with Bamberg or Hamburg. Amberg means ☐am Berg= At the hill☐.

We do it next time ..100%!

73s Tom

13753. Maple Syrup Net TONIGHT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-15 16:09:04 UTC
From: Louis Vermond
Topic: 13753 Message: 13753
Attachments: 1 described; binary payloads are missing from this source WARC

Maple Syrup Net - Cro Hour

Tonight

3843Kc. 8PM EDST All Modes Welcomed

Net Control, N3IBX

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https://www.avast.com/antivirus

13754. Re: Weskit transceiver

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-16 10:54:32 UTC
From: dulmagedon@...
Topic: 13615 Message: 13754

I have been spending a lot of time at the controls of my new homebrew transceiver. This happened a couple of days ago. I decided to make a audio clip so took my hipstreet pocket recorder down and warmed up the set. Surprisingly at first I heard no good signals but a slight adjustment of the controls brought a good signal into hearing and recorded it. Then I noticed the antenna was unplugged (I never leave antenna hooked up overnite) So when I say it can hear better then my other sets I am not kidding. I was surprised myself. This regen ciruit is as I said before hartley osc based. Unfortunately I still have not had a contact with the TX side of the rig. Still banging away around 7040kcs. Probably be on this morning between 9 and 11 am.
donVe3LYX

13755. US interstage transformer nomenclature

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-16 18:13:55 UTC
From: thomas.hoeppe@...
Topic: 13755 Message: 13755

Hello!

Mike made me lick blood with the CMS set. I am thinking about collecting parts for a replica. I spent some time to identify the parts, as I'll be at HAM radio hamfest next week. A good opportunity to look for parts. I could figure out most of it, but one question remains open.
The receiver is made with 3x 3S4 battery tubes. The 1st is the detector stage, followed by two AF stages. Between the stages there are two identical interstage transformers. The part is listed with the following text:
"Type 0-5 interstage audio transformer".
I have no idea what it means? Any ideas? Type 0-5....what's the ratio? Are there any listings?

Thanks for your ideas!

Tom, DJ5RE

13756. Re: [AWA Group] US interstage transformer nomenclature

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-16 20:03:31 UTC
From: Michael Bittner
Topic: 13755 Message: 13756

0-5 stands for UTC (United Transformer Compny) Type 0-5 audio interstage transformer, plate-to-grid, 15,000 Ohms to 60,000 Ohms, primary 4 mA max 710 Ohms DC resistance. The case is 7/8-inch diameter by 1-3/16 inch tall.

The audio types have discovered these and they can go for up to $30 on eBay.

Mike, W6MAB
-
-
----- Original Message -----
From: thomas.hoeppe@asamnet.de [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Thursday, June 16, 2016 11:13 AM
Subject: [AWA Group] US interstage transformer nomenclature

Hello!

Mike made me lick blood with the CMS set. I am thinking about collecting parts for a replica. I spent some time to identify the parts, as I'll be at HAM radio hamfest next week. A good opportunity to look for parts. I could figure out most of it, but one question remains open.
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I have no idea what it means? Any ideas? Type 0-5....what's the ratio? Are there any listings?

Thanks for your ideas!

Tom, DJ5RE

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13757. Current capacity of a "cat's whisker"

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-17 13:07:04 UTC
From: aflowers@frontiernet.net
Topic: 13757 Message: 13757

Does anyone offhand know what kind of current handling capacity you can get from a "cat's whisker" using standard 1920's detector arrangments? I imagine this all depends on the contact surface area and such which will vary greatly each time you try to adjust the detector, but what's ballpark typical--microamps, milliamps? I'm guessing that for any given contact too much current flows, the point-contact junction melts and you loose the rectifying properties, but I have no experience with these.
I'm just wondering if anyone has done this kind of measurement or has a reference to it.
Andy K0SM/2

13758. RE: [AWA Group] Current capacity of a "cat's whisker"

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-17 13:17:29 UTC
From: Mike Feher
Topic: 13757 Message: 13758

Andy –

Wonder why you are interested in this information? Early wave meters used crystal detectors, even at high power transmitting stations. I have several. I expect the current density is a function of the cats whisker surface area more than that of the crystal size. A good clu may be to look up the power handling capability of some point contact crystal diodes. For example you can look up a 1N34 and a 1N21. These would be two extremes, the 1N34 being pretty bulky, while the 1N21 intended more for microwaves would be more sensitive. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, June 17, 2016 9:07 AM
To: yahoogroups
Subject: [AWA Group] Current capacity of a "cat's whisker"

Does anyone offhand know what kind of current handling capacity you can get from a "cat's whisker" using standard 1920's detector arrangments? I imagine this all depends on the contact surface area and such which will vary greatly each time you try to adjust the detector, but what's ballpark typical--microamps, milliamps? I'm guessing that for any given contact too much current flows, the point-contact junction melts and you loose the rectifying properties, but I have no experience with these.

I'm just wondering if anyone has done this kind of measurement or has a reference to it.

Andy K0SM/2

13759. Re: [AWA Group] US interstage transformer nomenclature

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-17 14:32:47 UTC
From: Thomas Höppe
Topic: 13755 Message: 13759

Hello Mike!

Thank you very much for this valuable information! I was reading the first letter as □zero□, but it is the letter □O□ for ouncer! I searched in the internet. The UTC O-5 seems to be a very rare item. I found others from this series, but not O-5. It might become the key part.

An alternative would be capacitive coupling .it works fine in the 31/1 sweetheart. But I keep my eyes open for the UTC O-5 originals. The problem is I need 2 of them .that makes it not easier!

Thanks very much for your help again, Mike!

73s de Tom, DJ5RE

13760. Re: [AWA Group] US interstage transformer nomenclature

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-17 15:08:55 UTC
From: Michael Bittner
Topic: 13755 Message: 13760

Hello Tom,

I started work on a replica of the CMS receiver, but became discouraged because I cannot make the worm-drive tuning mechanism and also could not fit all of the parts I planned on using in the original box size. I did find two O-5 transformers and planned on using the output transformer from a military ARC-5 receiver for the CMS audio output transformer. I may still build the circuit in more traditional form with a standard dial as it is an intriguing project as is the sweetheart receiver. Good luck on you project.

73s de Mike, W6MAB
-
-
----- Original Message -----
From: Thomas Höppe thomas.hoeppe@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Friday, June 17, 2016 7:32 AM
Subject: Re: [AWA Group] US interstage transformer nomenclature

Hello Mike!

Thank you very much for this valuable information! I was reading the first letter as "zero", but it is the letter "O" for ouncer! I searched in the internet. The UTC O-5 seems to be a very rare item. I found others from this series, but not O-5. It might become the key part.

An alternative would be capacitive coupling..it works fine in the 31/1 sweetheart. But I keep my eyes open for the UTC O-5 originals. The problem is I need 2 of them..that makes it not easier!

Thanks very much for your help again, Mike!

73s de Tom, DJ5RE

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13761. Re: [AWA Group] US interstage transformer nomenclature

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-17 16:32:01 UTC
From: Thomas Höppe
Topic: 13755 Message: 13761

Hello again Mike!

Well, every project has some stones on the way to success. I always try to find several possible replica projects. The first step is getting pictures and descriptions. Having that, I can see where the key parts are. I always have two or three projects in mind. I know what I miss and try to keep my eyes open. Sometimes I have luck to find the right stuff, so I give it a try. The CMS receiver is depending very much on finding the transformers. Not only the values are important: As you said- The parts must fit in the box. I would choose a much smaller variable C e.g. 5-15pF. When adding a parallel Trimmer-C to the switched resonance coils, I could make bandspreading for 3 amateur bands. When having it bandspreaded, it is possible to use the normal worm gear wheels sold for model builders. The original has 2 wheels with a spring between to avoid a ☐dead point☐ when turning backward. I don☐t know the proper expression .but I am sure you know what I mean. This is hard to make. But I think with bandspreading it should work with a normal worm gear. If the transformer remain the problem, we could use the Sweetheart schematic. Here, the stages are coupled by capacitors. No hard to find parts!

So I go to the HAM radio meeting with several possible projects. The offer on the fleamarket will show me the way.

We☐ll see! Finding the parts is part of the fun!

I also wish you good luck. If you need more Sweetheart infos, just tell me.

73s de Tom, DJ5RE

13762. Re: Current capacity of a "cat's whisker"

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-17 16:37:02 UTC
From: dulmagedon@...
Topic: 13757 Message: 13762

Sounds like you are into something interesting Andy. I made one from Iron pyrites and it works although not too impressively. Contact area and pressure i suspect are the determining factors.
BTW do you have time for a quick test on 7040khz? Even just a listen is fine (1 minute) and at UR convenience.
donVe3LYX

13763. Re: [AWA Group] Current capacity of a "cat's whisker"

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-17 16:58:12 UTC
From: aflowers@frontiernet.net
Topic: 13757 Message: 13763

Thanks Mike.
This was a curiosity to me, but you've anticipated where I'm going....
You mention "early" wave meters--how early? It looks like RF ammeters post WWI to about 1925 were either of the hot-wire type or thermocouple, at least among the amateurs. Both of these require heating a resistance element and are fundamentally thermal in nature. Hams definitely homebrewed their own hot-wire ammeters with silk threads. You can find several how-to's in the post-war radio magazines.
I haven't come across any examples in the literature, but I have to wonder if anyone tried to make an RF ammeter with a current transformer to pick off a little signal, rectify it with a crystal detector, and drive a low value milliammeter. This is not different than what most many power meters / SWR meters do today, although you wouldn't have the benefit of toroids and iron powder. I would love to see an example, or at least a reference to this method prior to 1925. It looks like the technology was available.
A 1N34 germanim point-contact diode is rated at 500ma, I think. That should be plenty to drive an early 20's milliammeter or something if that kind of current achievable with primitive cat's whisker construction. Obviously, adjusting a crystal detector is a problem from day to day as the point contact is sure to change and thus change the calibration of the meter, but if you are just tuning for maximum current you really don't care about calibration. You can always shunt the ammeter or tap the current transformer to scale large RF current if you have it, but I'm probably working with less than 1 ampere of RF at 3.5 MHz.
More to the point, did anyone actually do this in the early 20's?
Andy K0SM/2

On Friday, June 17, 2016 9:18 AM, "'Mike Feher' n4fs@eozinc.com [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  Andy – Wonder why you are interested in this information? Early wave meters used crystal detectors, even at high power transmitting stations. I have several. I expect the current density is a function of the cats whisker surface area more than that of the crystal size. A good clu may be to look up the power handling capability of some point contact crystal diodes. For example you can look up a 1N34 and a 1N21. These would be two extremes, the 1N34 being pretty bulky, while the 1N21 intended more for microwaves would be more sensitive. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960
 From: AWAGroup@...m [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, June 17, 2016 9:07 AM
To: yahoogroups
Subject: [AWA Group] Current capacity of a "cat's whisker"   Does anyone offhand know what kind of current handling capacity you can get from a "cat's whisker" using standard 1920's detector arrangments? I imagine this all depends on the contact surface area and such which will vary greatly each time you try to adjust the detector, but what's ballpark typical--microamps, milliamps? I'm guessing that for any given contact too much current flows, the point-contact junction melts and you loose the rectifying properties, but I have no experience with these. I'm just wondering if anyone has done this kind of measurement or has a reference to it. Andy K0SM/2

13764. AW: [AWA Group] US interstage transformer nomenclature

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-18 10:54:09 UTC
From: Thomas Höppe
Topic: 13755 Message: 13764
Attachments: 4 described; binary payloads are missing from this source WARC

Worm gear solution:

http://www.ebay.de/sch/i.html?_from=R40
<http://www.ebay.de/sch/i.html?_from=R40&_trksid=p2050601.m570.l1313.TR4.TRC
1.A0.H0.Xschneckengetriebe.TRS0&_nkw=schneckengetriebe&_sacat=0>
&_trksid=p2050601.m570.l1313.TR4.TRC1.A0.H0.Xschneckengetriebe.TRS0&_nkw=sch
neckengetriebe&_sacat=0

1:100 would be perfect, but the diameter of the big gear wheel has to be
smaller then the diameter of the scale wheel.

Von: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Gesendet: Freitag, 17. Juni 2016 17:09
An: AWAGroup@yahoogroups.com
Betreff: Re: [AWA Group] US interstage transformer nomenclature

Hello Tom,

I started work on a replica of the CMS receiver, but became discouraged
because I cannot make the worm-drive tuning mechanism and also could not fit
all of the parts I planned on using in the original box size. I did find
two O-5 transformers and planned on using the output transformer from a
military ARC-5 receiver for the CMS audio output transformer. I may still
build the circuit in more traditional form with a standard dial as it is an
intriguing project as is the sweetheart receiver. Good luck on you project.

73s de Mike, W6MAB

-

-

----- Original Message -----

From: <mailto:thomas.hoeppe@...%20[AWAGroup]> Thomas Höppe
thomas.hoeppe@... [AWAGroup]

To: <mailto:AWAGroup@yahoogroups.com> AWAGroup@yahoogroups.com

Sent: Friday, June 17, 2016 7:32 AM

Subject: Re: [AWA Group] US interstage transformer nomenclature

Hello Mike!

Thank you very much for this valuable information! I was reading the first
letter as □zero□, but it is the letter □O□ for ouncer! I searched in the
internet. The UTC O-5 seems to be a very rare item. I found others from this

series, but not O-5. It might become the key part.

An alternative would be capacitive coupling .it works fine in the 31/1 sweetheart. But I keep my eyes open for the UTC O-5 originals. The problem is I need 2 of them .that makes it not easier!

Thanks very much for your help again, Mike!

73s de Tom, DJ5RE

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

This email has been checked for viruses by Avast antivirus software.

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13765. Re: AW: [AWA Group] US interstage transformer nomenclature

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-18 12:09:54 UTC
From: Thomas Höppe
Topic: 13755 Message: 13765

Sorry, bad link. I try again:

http://www.ebay.de/itm/Schneckenrad-Schneckengetriebe-Schnecke-Modul-0-5-Mes
sing-Stahl-/191027866545?var=
<http://www.ebay.de/itm/Schneckenrad-Schneckengetriebe-Schnecke-Modul-0-5-Me
ssing-Stahl-/191027866545?var=&hash=item2c7a25ebb1:m:mZZUTBetX2Hr3-oDEOa_1iw
> &hash=item2c7a25ebb1:m:mZZUTBetX2Hr3-oDEOa_1iw

13766. Re: AW: [AWA Group] US interstage transformer nomenclature

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-19 11:38:59 UTC
From: dulmagedon@...
Topic: 13755 Message: 13766

Also that type of thing is or at least was available from Boston Gear. I had to repair an automotive boring bar in my machine shop once . The feed was a worm with a brass gear like the photo. All I had to do was find the size and they had lots. I bought it with the brass gear hole semi finished and repaired the machine. Bearing supply companies are often dealers for Boston gear and most towns of any size have a bearing supply company. Most common in Canada is Montreal Bearing but BDS as well. You would be surprised at what is avaiable. It seemed I could order any size I desired. This is also found in old Car radios. The tube type with the pushbuttons for tuning. The manual tuner on the left side uses a slow worm /gear drive in many sets. They are easy to find at flea markets as the trend now is to the old look but a new radio inside. I came upon 5 recently. Saved one worm assembly for myself. You need to be a bit creative to see how to steal them and remount so if you need everything laid out in great detail and are neg in thought no point in bothering to look. However if you are an optimist and enjoy the challenge, go for it! Of course the same is true of you just buy the gears. You still have to mount them.
donVe3LYX

13767. AW: AW: [AWA Group] US interstage transformer nomenclature

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-19 17:48:51 UTC
From: Thomas Höppe
Topic: 13755 Message: 13767
Attachments: 3 described; binary payloads are missing from this source WARC

Hello Don!

Thanks for your ideas! Well, with all those combinations available it should be easy to make the gear you need. There are 3 or 4 different „modules“ available where the wheels fit together. The worm has usually 2mm axis diameter, the brass wheel 3mm. So you need silver steel axis and brass rods with 6mm to adapt to the knobs we use. I have a small lathe, so it’s not a big problem.

I also have a worm gear driven variable C in my junkbox, but I don’t want to destroy that to gain the gear.

73s Tom

Von: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Gesendet: Sonntag, 19. Juni 2016 13:39
An: AWAGroup@yahoogroups.com
Betreff: Re: AW: [AWA Group] US interstage transformer nomenclature

Also that type of thing is or at least was available from Boston Gear. I had to repair an automotive boring bar in my machine shop once . The feed was a worm with a brass gear like the photo. All I had to do was find the size and they had lots. I bought it with the brass gear hole semi finished and repaired the machine. Bearing supply companies are often dealers for Boston gear and most towns of any size have a bearing supply company. Most common in Canada is Montreal Bearing but BDS as well. You would be surprised at what is avaiable. It seemed I could order any size I desired. This is also found in old Car radios. The tube type with the pushbuttons for tuning. The manual tuner on the left side uses a slow worm /gear drive in many sets. They are easy to find at flea markets as the trend now is to the old look but a new radio inside. I came upon 5 recently. Saved one worm assembly for myself. You need to be a bit creative to see how to steal them and remount so if you need everything laid out in great detail and are neg in thought no point in bothering to look. However if you are an optimist and enjoy the challenge, go for it! Of course the same is true of you just buy the gears. You still have to mount them.
donVe3LYX

13768. WTB good UX-210

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-19 18:46:41 UTC
From: K3PID
Topic: 13768 Message: 13768

Anyone have a good UX-210 that they would be willing to part with at a reasonable profit? It seems to me that the folks who have them listed on the auction site sure do value them highly! Maybe theirs have gold plated bases.... hi hi

Ron K3PID

13769. End of the month

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-20 01:59:49 UTC
From: dulmagedon@...
Topic: 13769 Message: 13769

I am taking a break now till the end of the month. Off to NL (no not NewfoundLand) There is supposed to be a good flea market in the town where I am going so who knows what I will drag back. Two technical museums schedualed as well. This is a make the XYL happy adventure so I will make the best of it. There is a steam train so all is not lost. Should be some old telegraph stuff as well.
CUL
donVe3LYX

13770. RE: [AWA Group] End of the month

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-20 02:08:47 UTC
From: Mike Feher
Topic: 13769 Message: 13770

Have a safe and enjoyable trip Don. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, June 19, 2016 10:00 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] End of the month

I am taking a break now till the end of the month. Off to NL (no not NewfoundLand) There is supposed to be a good flea market in the town where I am going so who knows what I will drag back. Two technical museums schedualed as well. This is a make the XYL happy adventure so I will make the best of it. There is a steam train so all is not lost. Should be some old telegraph stuff as well.
CUL
donVe3LYX

13771. Re: [AWA Group] End of the month

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-20 03:53:38 UTC
From: N3IBX
Topic: 13769 Message: 13771

Hello Don and Bon Voyage! I sincerely hope you and your XYL have a terrific time in NL land! You have to find the time to take a ride on the steal train you mentioned. I think it would be a definite highlight in your trip.

I'm curious about the telegraph items you mentioned. I hope you find some and other curiosities at the flea market for a good price. Possibly even some North American or German WWII radios as well. I hope you find something worthwhile to drag home!

Very best regards and let us all know when you are back home and settled in again, and especially if you found anything "radio" you drug back home.?

Joe Cro N3IBX

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On 06/19/16, dulmagedon@... [AWAGroup] wrote:
?
?

I am taking a break now till the end of the month. Off to NL (no not NewfoundLand) There is supposed to be a good flea market in the town where I am going so who knows what I will drag back. Two technical museums schedualed as well. This is a make the XYL happy adventure so I will make the best of it. There is a steam train so all is not lost. Should be some old telegraph stuff as well.
CUL
donVe3LYX

13772. Re: [AWA Group] End of the month

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-20 10:20:14 UTC
From: dulmagedon@...
Topic: 13769 Message: 13772

Thank you all. The Steam train is already on the list. The trip is one way but the XYL has distant cousins nearby the far end and they offered to pick us up by car when we arrive at the end of the run. It is 24 KM so should be fun. The engine is I think about a 1910 version. I am going to the Teyler Museum in Haarlem on Wednesday. I was in front of it last year but on a walking tour when we did our boatcruise and they said it contained early teleraph displays.The website also mentioned early radio so here's hoping. Anyway last year we got to walk by it. This year with my own tour I am going in. I know a few hams in NL. I used to belong to the Mil Surplus Radio Group and we used to try and work each other Sunday afternoons. The organizer of these adventures had a P call and I could work both the Ps and some D calls on 80m SSB although not well that time of day and that time of year. (Summer) I will give them a heads up that I am coming in case some live nearby. I have been to NL flea markets before. Always surprising. Once was in Middelburg and Gouda, Leyden and Alkmaar (several times.) The XYLs cousin told me Hoorn has a very good market and he is an interesting fellow so I am looking forward to it. I have seen many No 19 sets on display in NL as well as early hb regens so I will keep my eyes open as well as my wallet. Usually you can just go straight to the post office wrap it and send it home which works out very well as opposed to dragging it through the airports and customs.Enuf work dragging myself these days.
Till then
donVe3LYX

13773. How to cut 90-year-old bakelite?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-23 01:22:22 UTC
From: aflowers@frontiernet.net
Topic: 13773 Message: 13773

I'm going to attempt to make a capacitor out of mica sheets and foil generally following some 1920's homebrew articles. And I'm trying to avoid some rookie mistakes. To sandwich the capacitor it is suggested to use approximately 2x3" rectangles of bakelite. I have some broken/salvaged radio panels that can provide the donor material, but what is the best way to cut this stuff into a clean rectangle without chipping?
Likewise, how cutting hard rubber panels?
Thanks in advance for any wisdom or experience,
Andy K0SM/2

13774. RE: [AWA Group] How to cut 90-year-old bakelite?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-23 02:17:02 UTC
From: Mike Feher
Topic: 13773 Message: 13774

Andy –

How about a cutting wheel on a Dremel or similar. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, June 22, 2016 9:22 PM
To: yahoogroups
Subject: [AWA Group] How to cut 90-year-old bakelite?

I'm going to attempt to make a capacitor out of mica sheets and foil generally following some 1920's homebrew articles. And I'm trying to avoid some rookie mistakes. To sandwich the capacitor it is suggested to use approximately 2x3" rectangles of bakelite. I have some broken/salvaged radio panels that can provide the donor material, but what is the best way to cut this stuff into a clean rectangle without chipping?

Likewise, how cutting hard rubber panels?

Thanks in advance for any wisdom or experience,

Andy K0SM/2

13775. Re: [AWA Group] How to cut 90-year-old bakelite?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-23 12:07:46 UTC
From: Louis Vermond
Topic: 13773 Message: 13775

...what is the best way to cut this stuff into a clean rectangle without chipping?

GM Andy and Group,

From my experience, cut with table saw using a standard sharp carbaloy blade. There will be no chipping and the surface of the cut will be surprisingly finished looking.

If you want a fine edge finish use #600 wet & dry sandpaper mounted on a flat wood block. In the end, the edge will be glass smooth.

73, Lou VE3AWA

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https://www.avast.com/antivirus

13776. Supply voltage for old relay

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-23 16:34:35 UTC
From: aflowers@frontiernet.net
Topic: 13776 Message: 13776

I have an old "SP114-G" relay that measures with a 1500-ohm coil. It matches the description of the No. 114 Western Electric relay, so its likely the same thing. What would be a typical (safe) voltage to energize something like this? I assume it was used in telephone/telegraph/railroad circuits somewhere, but I don't know much about these early relays and I don't want to burn out the coil by doing something stupid. It has some nice screw adjustments for tension and throw distance, so I'm hoping it can be an effective keying relay for a transmitter.
Thanks!
Andy K0SM/2

13777. Re: [AWA Group] How to cut 90-year-old bakelite?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-23 16:36:50 UTC
From: Roger Kuchera
Topic: 13773 Message: 13777

GA Andy, I like Lou's idea. Another possibility is to use "Reverse" kerf blade in a saber saw. I've used thiscutting soft verneer plywood. The blades only cut on the down stroke. Just a thought. Good luck.
Roger/K1TG

On Thursday, June 23, 2016 8:07 AM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv2886737816 #yiv2886737816 .yiv2886737816ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv2886737816 div.yiv2886737816ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv2886737816 div.yiv2886737816photo-title a, #yiv2886737816 div.yiv2886737816photo-title a:active, #yiv2886737816 div.yiv2886737816photo-title a:hover, #yiv2886737816 div.yiv2886737816photo-title a:visited {text-decoration:none;}#yiv2886737816 div.yiv2886737816attach-table div.yiv2886737816attach-row {clear:both;}#yiv2886737816 div.yiv2886737816attach-table div.yiv2886737816attach-row div {float:left;}#yiv2886737816 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv2886737816 div.yiv2886737816ygrp-file {width:30px;}#yiv2886737816 div.yiv2886737816attach-table div.yiv2886737816attach-row div div a {text-decoration:none;}#yiv2886737816 div.yiv2886737816attach-table div.yiv2886737816attach-row div div span {font-weight:normal;}#yiv2886737816 div.yiv2886737816ygrp-file-title {font-weight:bold;}#yiv2886737816 --> ☐

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13778. Re: [AWA Group] Supply voltage for old relay

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-23 17:18:16 UTC
From: Roger Kuchera
Topic: 13776 Message: 13778

Hi again Andy, I would hazard a guess that the relay will operate on what is referred to as "talking battery."That would be 48 volts in old telephone language.
Roger/K1TG

On Thursday, June 23, 2016 12:34 PM, "'aflowers@...' aflowers@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv6365295541 #yiv6365295541 .yiv6365295541ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv6365295541 div.yiv6365295541ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv6365295541 div.yiv6365295541photo-title a, #yiv6365295541 div.yiv6365295541photo-title a:active, #yiv6365295541 div.yiv6365295541photo-title a:hover, #yiv6365295541 div.yiv6365295541photo-title a:visited {text-decoration:none;}#yiv6365295541 div.yiv6365295541attach-table div.yiv6365295541attach-row {clear:both;}#yiv6365295541 div.yiv6365295541attach-table div.yiv6365295541attach-row div {float:left;}#yiv6365295541 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv6365295541 div.yiv6365295541ygrp-file {width:30px;}#yiv6365295541 div.yiv6365295541attach-table div.yiv6365295541attach-row div div a {text-decoration:none;}#yiv6365295541 div.yiv6365295541attach-table div.yiv6365295541attach-row div div span {font-weight:normal;}#yiv6365295541 div.yiv6365295541ygrp-file-title {font-weight:bold;}#yiv6365295541 -->

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Thanks!
Andy K0SM/2

13779. Re: [AWA Group] Supply voltage for old relay

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-23 17:20:59 UTC
From: Roger Kuchera
Topic: 13776 Message: 13779

BTW: They used 90 Volts AC for the ringers.
Roger/K1TG

On Thursday, June 23, 2016 1:18 PM, "Roger Kuchera rwkuchera@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv3920931387 #yiv3920931387 -- #yiv3920931387 .yiv3920931387ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv3920931387 div.yiv3920931387ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv3920931387 div.yiv3920931387photo-title a, #yiv3920931387 div.yiv3920931387photo-title a:active, #yiv3920931387 div.yiv3920931387photo-title a:hover, #yiv3920931387 div.yiv3920931387photo-title a:visited {text-decoration:none;}#yiv3920931387 div.yiv3920931387attach-table div.yiv3920931387attach-row {clear:both;}#yiv3920931387 div.yiv3920931387attach-table div.yiv3920931387attach-row div {float:left;}#yiv3920931387 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv3920931387 div.yiv3920931387ygrp-file {width:30px;}#yiv3920931387 div.yiv3920931387attach-table div.yiv3920931387attach-row div div a {text-decoration:none;}#yiv3920931387 div.yiv3920931387attach-table div.yiv3920931387attach-row div div span {font-weight:normal;}#yiv3920931387 div.yiv3920931387ygrp-file-title {font-weight:bold;}#yiv3920931387 #yiv3920931387

Hi again Andy, I would hazard a guess that the relay will operate on what is referred to as "talking battery."That would be 48 volts in old telephone language.
Roger/K1TG

On Thursday, June 23, 2016 12:34 PM, "'aflowers@...' aflowers@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv3920931387 #yiv3920931387 -- .yiv3920931387ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv3920931387 div.yiv3920931387ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv3920931387 div.yiv3920931387photo-title a, #yiv3920931387 div.yiv3920931387photo-title a:active, #yiv3920931387 div.yiv3920931387photo-title a:hover, #yiv3920931387 div.yiv3920931387photo-title a:visited {text-decoration:none;}#yiv3920931387 div.yiv3920931387attach-table div.yiv3920931387attach-row {clear:both;}#yiv3920931387 div.yiv3920931387attach-table div.yiv3920931387attach-row div {float:left;}#yiv3920931387 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv3920931387 div.yiv3920931387ygrp-file {width:30px;}#yiv3920931387 div.yiv3920931387attach-table div.yiv3920931387attach-row div div a {text-decoration:none;}#yiv3920931387 div.yiv3920931387attach-table div.yiv3920931387attach-row div div span {font-weight:normal;}#yiv3920931387 div.yiv3920931387ygrp-file-title {font-weight:bold;}#yiv3920931387

I have an old "SP114-G" relay that measures with a 1500-ohm coil. It matches the description of the No. 114 Western Electric relay, so its likely the same thing. What would be a typical (safe) voltage to energize something like this? I assume it was used in telephone/telegraph/railroad circuits somewhere, but I don't know much about these early relays and I don't want to burn out the coil by doing something stupid. It has some nice screw adjustments for tension and throw distance, so I'm hoping it can be an effective keying relay for a transmitter.
Thanks!
Andy K0SM/2

13780. Re: Dial Material

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-24 00:29:48 UTC
From: Michael Bittner
Topic: 13780 Message: 13780

Thanks for your reply. Celluloid is the key word. Apparently this stuff is still made in rods for pen makers and sheets for guitar decorative inlays and picks. The material for guitar pick guards and scratch guards is layered and probably not translucent. Google shows most supplies come from China. Nearly all sheet material is in ornate color patterns.

I found only two examples of plain, unpatterned celluloid sheet. Are there any guitar makers on this list who can tell me whether this material is translucent and not opaque?

Mike, W6MAB
----- Original Message -----
From: wa2kbz
To: mmab@...
Sent: Thursday, June 23, 2016 1:31 AM
Subject: Re: Dial Material

Celluloid it was. No longer made. Try hobby shops for some other plastics used for something else and repurpose. Good luck. 73

Sent from my Verizon, Samsung Galaxy smartphone

Can anyone in this group help me find a source of the translucent plastic material used for the backlit dials of antique radios?

I bought some of this material from Antique Electronic Supply some time ago, but upon arrival, it crumbled in my hands. Must have been some very unstable composition of plastic. The material is usually ivory or tan in color and allows light to come through thus illuminating numbers and index marks printed on it.

The people in the plastics houses around here are strictly order takers who have no clue about the technical characteristics of what they are selling and I don't know exactly what to order either in person or on-line.

Help anyone? Mike, W6MAB

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13781. Re: How to cut 90-year-old bakelite?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-24 06:56:16 UTC
From: rkolarik@...
Topic: 13773 Message: 13781

Hi Andy,

If you have access to a "tile" or lapidary saw it should give excellent results on both materials.
If the hard rubber doesn't cut nice try freezing it first.

Ron K0IDT

13782. Relay Voltage

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-24 22:35:22 UTC
From: JAMES HANLON
Topic: 13782 Message: 13782

If you have a variable supply, just start at zero volts across the coil and ramp it up until the relay just operates. Something like 20% to 40% more than the "Just operate voltage" should be a safe and effective operating voltage for the relay.

Jim, W8KGI

13783. TPTG Circuit Origin

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-25 17:55:28 UTC
From: Bill Stewart
Topic: 13783 Message: 13783

Anyone know when the TPTG circuit came out?
Have done a little scanning thru the QST CD, but so
far haven't found any ref to that circuit. There may be
something under other names than 'TPTG'. Any articles
in QST 1929 or earlier or other sources...not really
interested in anything from the 1930s unless it refs
back to the '20s. Thanks.
73 de Bill K4JYS

13784. TPTG Circuit Origin & KOSM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-25 22:10:10 UTC
From: Louis Vermond
Topic: 13784 Message: 13784
Attachments: 1 described; binary payloads are missing from this source WARC

Anyone know when the TPTG circuit came out?

Hi Bill,

Also called (and assume originally called), the (Edwin Howard) Armstrong Circuit. Seldom mentioned in QSTs, but it is featured in one of Kruse's, "How our Tube Circuits Work" series of articles,
Jan., 1927*. If there is another major TPTG circuit QST article that I've missed, please direct me.

Andy, K0SM has been scouring early QSTs, perhaps he knows of its first mention. Though considering its source, any date after 1914 would be correct.

73, Lou VE3AWA

*I have a good scan of this article. If anyone wants it, write directly.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13785. Re: [AWA Group] TPTG Circuit Origin & KOSM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-25 22:33:57 UTC
From: Bill Stewart
Topic: 13784 Message: 13785

Tnx Lou for the info. I found the article on the CD. I will also do some searching for Armstrong ckts....73 de Bill K4JYS

----- Original Message -----

From: "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Sent: Saturday, June 25, 2016 6:10:10 PM
Subject: [AWA Group] TPTG Circuit Origin & KOSM

Anyone know when the TPTG circuit came out?

Hi Bill,

Also called (and assume originally called), the (Edwin Howard) Armstrong Circuit. Seldom mentioned in QSTs, but it is featured in one of Kruse's, "How our Tube Circuits Work" series of articles,
Jan., 1927*. If there is another major TPTG circuit QST article that I've missed, please direct me.

Andy, K0SM has been scouring early QSTs, perhaps he knows of its first mention. Though considering its source, any date after 1914 would be correct.

73, Lou VE3AWA

*I have a good scan of this article. If anyone wants it, write directly.

Virus-free. www.avast.com

13786. Re: [AWA Group] TPTG Circuit Origin & KOSM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-25 23:41:35 UTC
From: Louis Vermond
Topic: 13784 Message: 13786

QSL es GL

Tnx Lou for the info. I found the article on the CD. I will also do some searching for Armstrong ckts....73 de Bill K4JYS

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13787. Re: [AWA Group] TPTG Circuit Origin & KOSM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-26 00:23:43 UTC
From: Larry Szendrei
Topic: 13784 Message: 13787

Bill, you may already know this, but there is a (semi-) technical article on the TPTG circuit in the latest AWA Journal, which arrived in the mail here today.

73,
-Larry/NE1S

13788. Re: [AWA Group] TPTG Circuit Origin & KOSM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-26 11:17:13 UTC
From: Bill Stewart
Topic: 13784 Message: 13788

Hi Larry...yep, saw that article and it got me wondering a bit
abt the history of the TPTG ckt...tnx...73 de Bill K4JYS

----- Original Message -----

From: "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Saturday, June 25, 2016 8:23:43 PM
Subject: Re: [AWA Group] TPTG Circuit Origin & KOSM

Bill, you may already know this, but there is a (semi-) technical article on the TPTG circuit in the latest AWA Journal, which arrived in the mail here today.

73,
-Larry/NE1S

13789. eBy Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-26 14:34:34 UTC
From: Louis Vermond
Topic: 13789 Message: 13789

http://www.ebay.ca/sch/auctionbugelectronics/m.html?item=371665962026&hash=item568904842a%3Ag%3APmkAAOSwc1FXbwy1&rt=nc&_trksid=p2047675.l2562

See S-M Coils

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13790. Re: [AWA Group] TPTG Circuit Origin & KOSM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-26 18:42:47 UTC
From: Eric NO3M
Topic: 13784 Message: 13790
Attachments: 1 described; binary payloads are missing from this source WARC

Besides the Kruse article mentioned, also check out March 1927, pg. 33, "A Flexible Transmitter", F.J. Marco. and some comments on which tank sets the "wave" in a note to the Editor in April 1927, pg. 75, "Tuned Plate and Grid".

73 Eric NO3M

On 06/25/2016 06:10 PM, 'Louis Vermond' ldvermond@...
[AWAGroup] wrote:
>
> □
>
> Anyone know when the TPTG circuit came out?
> Hi Bill,
> Also called (and assume originally called), the (Edwin Howard)
> Armstrong Circuit. Seldom mentioned in QSTs, but it is featured in one
> of Kruse's, "How our Tube Circuits Work" series of articles,
> Jan., 1927*. If there is another major TPTG circuit QST article that
> I've missed, please direct me.
> Andy, K0SM has been scouring early QSTs, perhaps he knows of its first
> mention. Though considering its source, any date after 1914 would be
> correct.
> 73, Lou VE3AWA
> *I have a good scan of this article. If anyone wants it, write directly.
>
> <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>
> Virus-free. www.avast.com
> <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>
>
>
>

13791. Re: [AWA Group] TPTG Circuit Origin & KOSM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-26 19:39:14 UTC
From: Bill Stewart
Topic: 13784 Message: 13791

Tnx Eric for the great info....I missed those articles...guess I wasn't looking close enuf. The March '27 article is done well enuf so that it could turn into a good building project, should anyone be interested. ...73 de Bill K4JYS

----- Original Message -----

From: "Eric NO3M no3m@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Sunday, June 26, 2016 2:42:47 PM
Subject: Re: [AWA Group] TPTG Circuit Origin & KOSM

Besides the Kruse article mentioned, also check out March 1927, pg. 33, "A Flexible Transmitter", F.J. Marco. and some comments on which tank sets the "wave" in a note to the Editor in April 1927, pg. 75, "Tuned Plate and Grid".

73 Eric NO3M

On 06/25/2016 06:10 PM, 'Louis Vermond' ldvermond@... [AWAGroup] wrote:

Anyone know when the TPTG circuit came out?

Hi Bill,

Also called (and assume originally called), the (Edwin Howard) Armstrong Circuit. Seldom mentioned in QSTs, but it is featured in one of Kruse's, "How our Tube Circuits Work" series of articles,
Jan., 1927*. If there is another major TPTG circuit QST article that I've missed, please direct me.

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73, Lou VE3AWA

*I have a good scan of this article. If anyone wants it, write directly.

Virus-free. www.avast.com

13792. Re: [AWA Group] TPTG Circuit Origin & KOSM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-27 03:49:47 UTC
From: Eric NO3M
Topic: 13784 Message: 13792

Bill, et.al.

Also look for material on the Aero transmitter. Some of WU2D's stuff is up in the forums (AMfone?), but there is a document on the BAMA site with a "sales" article from 'Citizens Radio Call Book Magazine' about the Aero. Mostly a sales pitch, but includes the complete schematic! It's a classic TPTG RF circuit on the upper deck and modulator on the lower deck. I think WU2D's version was power supply on bottom, RF on top. I've also seen one a guy built that was a clone of the original, ie. a phone rig. Here's the place to download it, dated 1928:

http://bama.edebris.com/manuals/aero/aero

GL on your potential build. I've done several TPTGs, incl. on 630M, single and push pull, etc. and they general work well. Doesn't Lou have a push-pull TPTG? Don't remember the QST edition that one was based on, but seem to recall it was a Ross article from 1920-something and originally called for 852s(?). There was a push-pull TPTG rig in the 1931 ARRL Handbook also (you can find a PDF copy of the '31 handbook on the internet) if I remember right, both high and low power versions, the latter using 210s.

BTW.... as I mentioned on the Maple Syrup Net a couple back, I had a 1920/1930s style Field Day setup this weekend and a bunch of guys over. 80M doublet with homebrew open wire line (approx 550 ohm), the transmitter was a 27-24-24-865 job more or less straight out of July 1931 QST, but with a Hartley instead of crystal oscillator. 27 tuned to 80M, first 24 to 40M, second 24 also 40M, and the 865 on 40M. About 10W. Never did get a chance to try her out on 20M by using the second 24 as a doubler.

I also built the complementary amplifier using a 203A from the August 1931 QST article. I had not even tested the amplifier, only having been finished at 1AM Saturday morning!! It is somewhat different in that the grid circuit is composed of the driving rig's antenna coupling coil/cap, re-wired to be in parallel, not series, of course. It was coined as being a good amp for any existing power oscillator or MOPA, We did a quick job of neutralizing while the gang was here and fired it up..... no modern measurement devices in sight, so we were only going on RF current. 0.9 amps into 50 ohm (pre-tuned the homebrew link coupled, balanced tuner with an analyzer beforehand)... so about 40 watts. I was hoping for 100W.... anyways, after most guys left, a couple of us starting messing around with it more, mainly tightening the output coupling of the MOPA and amp tanks. NICE! 1.45 amps, ie. 105W on 40M.

Anyways, I'll have a full writeup and photos on my website in a few days. We used an HRO5 for a receiver; everyone commented on how good it sounded and well it handled. Of course, this is from a bunch of guys that grew up with this stuff and/or has owned one at one time or another. Everyone had a great time and lots of good discussion and visiting, including 153 QSOs with that pile of junk!

73 Eric NO3M

On 06/26/2016 03:39 PM, Bill Stewart cwopr@... [AWAGroup] wrote:
> Tnx Eric for the great info....I missed those articles...guess I
> wasn't looking
> close enuf. The March '27 article is done well enuf so that it could turn
> into a good building project, should anyone be interested....73 de
> Bill K4JYS
>
> ---
>

13793. Re: [AWA Group] TPTG Circuit Origin & KOSM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-27 18:14:15 UTC
From: Larry Szendrei
Topic: 13784 Message: 13793

Well done, Eric!!

On 6/26/16 11:49 PM, Eric NO3M no3m@... [AWAGroup] wrote:
> BTW.... as I mentioned on the Maple Syrup Net a couple back, I had a
> 1920/1930s style Field Day setup this weekend and a bunch of guys
> over. 80M doublet with homebrew open wire line (approx 550 ohm), the
> transmitter was a 27-24-24-865 job more or less straight out of July
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> About 10W. Never did get a chance to try her out on 20M by using the
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> so about 40 watts. I was hoping for 100W.... anyways, after most guys
> left, a couple of us starting messing around with it more, mainly
> tightening the output coupling of the MOPA and amp tanks. NICE! 1.45
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> Anyways, I'll have a full writeup and photos on my website in a few
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> guys that grew up with this stuff and/or has owned one at one time or
> another. Everyone had a great time and lots of good discussion and
> visiting, including 153 QSOs with that pile of junk!

13794. RE: [AWA Group] TPTG Circuit Origin & KOSM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-27 18:16:28 UTC
From: Mike Feher
Topic: 13784 Message: 13794

Definitely second that. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, June 27, 2016 2:14 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] TPTG Circuit Origin & KOSM

Well done, Eric!!

On 6/26/16 11:49 PM, Eric NO3M no3m@...t [AWAGroup] wrote:
> BTW.... as I mentioned on the Maple Syrup Net a couple back, I had a
> 1920/1930s style Field Day setup this weekend and a bunch of guys
> over. 80M doublet with homebrew open wire line (approx 550 ohm), the
> transmitter was a 27-24-24-865 job more or less straight out of July
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> visiting, including 153 QSOs with that pile of junk!

13795. Re: RE: [AWA Group] TPTG Circuit Origin & KOSM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-27 18:33:04 UTC
From: N3IBX
Topic: 13784 Message: 13795

Thirdly says N3IBX!?
?
?
On 06/27/16, 'Mike Feher' n4fs@... [AWAGroup] wrote:
?
?

Definitely second that. 73 – Mike
?
Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960
?
From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, June 27, 2016 2:14 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] TPTG Circuit Origin & KOSM
?;
?
Well done, Eric!!

On 6/26/16 11:49 PM, Eric NO3M no3m@... [AWAGroup] wrote:
> BTW.... as I mentioned on the Maple Syrup Net a couple back, I had a
> 1920/1930s style Field Day setup this weekend and a bunch of guys
> over. 80M doublet with homebrew open wire line (approx 550 ohm), the
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> so about 40 watts. I was hoping for 100W.... anyways, after most guys
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> another. Everyone had a great time and lots of good discussion and
> visiting, including 153 QSOs with that pile of junk!

13796. Re: [AWA Group] TPTG Circuit Origin & KOSM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-27 21:52:34 UTC
From: Bill Stewart
Topic: 13784 Message: 13796

And, of course, add me to the kudos list, as well, Eric. I enjoyed looking
at your web page. Looks like your soldering iron stays hot all the time.
Tnx...73 de Bill K4JYS

----- Original Message -----

From: "N3IBX N3IBX@verizon.net [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, June 27, 2016 2:33:04 PM
Subject: Re: RE: [AWA Group] TPTG Circuit Origin & KOSM

Thirdly says N3IBX!

On 06/27/16, 'Mike Feher' n4fs@... [AWAGroup]<AWAGroup@yahoogroups.com> wrote:

Definitely second that. 73 – Mike

Mike B. Feher, N4FS
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Howell, NJ, 07731
732-886-5960

From: AWAGroup@...m [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, June 27, 2016 2:14 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] TPTG Circuit Origin & KOSM

Well done, Eric!!

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> BTW.... as I mentioned on the Maple Syrup Net a couple back, I had a
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> second 24 as a doubler.
>
> I also built the complementary amplifier using a 203A from the August
> 1931 QST article. I had not even tested the amplifier, only having
> been finished at 1AM Saturday morning!! It is somewhat different in
> that the grid circuit is composed of the driving rig's antenna
> coupling coil/cap, re-wired to be in parallel, not series, of course.
> It was coined as being a good amp for any existing power oscillator or
> MOPA, We did a quick job of neutralizing while the gang was here and
> fired it up..... no modern measurement devices in sight, so we were

> only going on RF current. 0.9 amps into 50 ohm (pre-tuned the
> homebrew link coupled, balanced tuner with an analyzer beforehand)...
> so about 40 watts. I was hoping for 100W.... anyways, after most guys
> left, a couple of us starting messing around with it more, mainly
> tightening the output coupling of the MOPA and amp tanks. NICE! 1.45
> amps, ie. 105W on 40M.
>
> Anyways, I'll have a full writeup and photos on my website in a few
> days. We used an HRO5 for a receiver; everyone commented on how good
> it sounded and well it handled. Of course, this is from a bunch of
> guys that grew up with this stuff and/or has owned one at one time or
> another. Everyone had a great time and lots of good discussion and
> visiting, including 153 QSOs with that pile of junk!

13797. W8CDX antique Field Day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-27 22:51:35 UTC
From: Eric NO3M
Topic: 13797 Message: 13797

Here's the full write-up on the 2016 FD setup from here:

http://no3m.net/2016/06/w8cdx-1930s-fd-setup-at-no3m/

73 Eric NO3M

13798. Re: [AWA Group] W8CDX antique Field Day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-27 23:40:21 UTC
From: Bill Stewart
Topic: 13797 Message: 13798

Holy cow Eric...what a great setup. Congrats on your excellent construction. If that had been my project, on the same time sked, it would be full of clip leads, wire nuts, twisted connections, tape, etc on a piece of plywood from under the shed....hi. Isn't there an old '20s or '30s QST pix showing a station with a neat layout and wiring vs one that would look like mine....haywire all the way. The videos were also great even down to the chicken in the back-ground....calling CQFD?? I know you guys had a ball...73 de Bill K4JYS

From: "Eric NO3M no3m@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, June 27, 2016 6:51:35 PM
Subject: [AWA Group] W8CDX antique Field Day

Here's the full write-up on the 2016 FD setup from here:

http://no3m.net/2016/06/w8cdx-1930s-fd-setup-at-no3m/

73 Eric NO3M

13799. Re: [AWA Group] W8CDX antique Field Day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-28 01:03:39 UTC
From: Larry Szendrei
Topic: 13797 Message: 13799

Eric - I'm very impressed. I posted your link on the Glowbugs reflector;
I think they'll really appreciate seeing what you've done. IIRC WA3JJT
is a listmember there.

73,
-Larry/NE1S

On 6/27/16 6:51 PM, Eric NO3M no3m@... [AWAGroup] wrote:
>
> Here's the full write-up on the 2016 FD setup from here:
>
> http://no3m.net/2016/06/w8cdx-1930s-fd-setup-at-no3m/
>
> 73 Eric NO3M
>
>
>
>

13800. Antique FD And TPTG circuits

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-28 10:35:51 UTC
From: dulmagedon@...
Topic: 13800 Message: 13800

We're back! I am sorry I missed Field Day. I had hoped to find activity in Europe but theirs was the first of the month. The idea of an Antique FD though is a wonderful idea. Good Job Eric! Nice article too.
Some discussion I see while I was "out" on TPTG. Some of you may know I have one here built for use in my first BK adventure. On using it which I did that year I could see immediatley why the TNT became the more popular unit. Or the Hartley which has the frew range and the tuneability of the TPTG. Eventually I added an RF sniffer to the TP side and running it became much easier. Going by plate current alone did not give sufficient info to satisfy me I was where I was supposed to be. I did have it going as recently as a month ago though and it does work fairly well. I believe I have worked paul . Lou and Larry with it and perhaps Bill. I used it in the 2014 BK on 40M. I can have it on air in a few minutes any time If someone is curious.
If I was to explore the concept further I would try a few things , probably to give the TG section more dominance then the TP section (Dominant Q) It might be the wrong way to go but my gut instinct leads in that direction. It is not a circuit I am in love with so I may just leave well enough alone. Later today I plan to restat my Station as everything was unplug , unhooked while I was away. Saw lots of radios but none of our style. Was in everything from a ancient steam train (Hoorn Stoomtram) to diesel sub (Den Helder Marine Museum.) Got to look over the radio room without being rushed. Racal Phillips and PYE were the dominant sets I saw in Communications displays. It appears the Dutch Navy favours Racal for Rx. Got to try an anti aircraft gun converted or maited with a simulation screen. I think I need on for myself. A lot of fun. I actually got some hits which surprised me.

I got some early keys pictures and early tubes and "microfoons" Good to be back.

I hope to get a radio fix later today.

donVe3LYX

13801. Early Dutch Morse Key

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-28 13:34:43 UTC
From: dulmagedon@...
Topic: 13801 Message: 13801
Attachments: 1 described; binary payloads are missing from this source WARC

Here is a very early Dutch Morse Key . I found this in the Teylers Museum in Haarlem NL last Monday. Unfortunately no flash is allowed in the museum and all light in this particular room was supplied by the windows. I am sorry is isnt better. I used to have a program that i could fix photos from this camera with but itis no longer a serviced program. It needs a sharpen and a lighten click to fix it .I am sorrry but i wasnt going leave without photo regardless.
donVe3LYX

13802. Lucky find

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-28 13:52:02 UTC
From: Louis Vermond
Topic: 13802 Message: 13802

https://groups.yahoo.com/neo/groups/regenrx/photos/albums/915610537

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13803. Re: [AWA Group] Antique FD And TPTG circuits

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-28 14:10:28 UTC
From: N3IBX
Topic: 13800 Message: 13803

Hello and welcome back to North American Don! I'm very curious, what tubes and "microfoons" did you bring back with you.

Curious minds want to know.

Best regards,
Joe Cro N3IBX?
?
?
On 06/28/16, dulmagedon@... [AWAGroup] wrote:
?
?

We're back! I am sorry I missed Field Day. I had hoped to find activity in Europe but theirs was the first of the month. The idea of an Antique FD though is a wonderful idea. Good Job Eric! Nice article too.
Some discussion I see while I was "out" on TPTG. Some of you may know I have one here built for use in my first BK adventure. On using it which I did that year I could see immediatley why the TNT became the more popular unit. Or the Hartley which has the frew range and the tuneability of the TPTG. Eventually I added an RF sniffer to the TP side and running it became much easier. Going by plate current alone did not give sufficient info to satisfy me I was where I was supposed to be. I did have it going as recently as a month ago though and it does work fairly well. I believe I have worked paul . Lou and Larry with it and perhaps Bill. I used it in the 2014 BK on 40M. I can have it on air in a few minutes any time If someone is curious.
If I was to explore the concept further I would try a few things , probably to give the TG section more dominance then the TP section (Dominant Q) It might be the wrong way to go but my gut instinct leads in that direction. It is not a circuit I am in love with so I may just leave well enough alone. Later today I plan to restat my Station as everything was unplug , unhooked while I was away. Saw lots of radios but none of our style. Was in everything from a ancient steam train (Hoorn Stoomtram) to? diesel sub (Den Helder Marine Museum.) Got to look over the radio room without being rushed. Racal Phillips and PYE were the dominant sets I saw in Communications displays. It appears the Dutch Navy favours Racal for Rx. Got to try an anti aircraft gun converted or maited with a simulation screen. I think I need on for myself. A lot of fun. I actually got some hits which surprised me.

I got some early keys pictures and early tubes? and "microfoons" Good to be back.
I hope to get a radio fix later today.
donVe3LYX

13804. Re: [AWA Group] Antique FD And TPTG circuits

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-28 22:56:55 UTC
From: dulmagedon@...
Topic: 13800 Message: 13804
Attachments: 1 described; binary payloads are missing from this source WARC

I wrote you a reply Joe but it hasnt arrived here yet but it probably will so i wont repeat it ad use up space for no good reason. In the meantime, this microfoon got my attention in the microfoon display cabinet. A very unusual specimen and I suspect of considerable age. This is also from the Teyler Museum in Haarlem NL.
donVe3LYX

13805. Re: Re: [AWA Group] Antique FD And TPTG circuits [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-29 02:15:37 UTC
From: N3IBX
Topic: 13805 Message: 13805

Hello Don,
? ? ? ? ? ? ? ? ?I appreciate your reply. The microfoon in the pictures is wild and beyond anything I have ever seen before. It looks like it is very early. I'd like to find out more about it if you don't mind. Please send me an email with more information when you get a chance and if you don't mind.?

Very best regards,
Joe Cro N3IBX?
?
?
On 06/28/16, dulmagedon@... [AWAGroup] wrote:
?
?

I wrote you a reply Joe but it hasnt arrived here yet but it probably will so i wont repeat it ad use up space for no good reason. In the meantime, this microfoon got my attention in the microfoon display cabinet. A very unusual specimen and I suspect of considerable age. This is also from the Teyler Museum in Haarlem NL.?
donVe3LYX

13806. Re: Re: [AWA Group] Antique FD And TPTG circuits [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-29 11:37:38 UTC
From: dulmagedon@...
Topic: 13805 Message: 13806

I took a lot of photos but was limited in time as I left my XYL and her distant dutch cousin at the other side of this part of town visiting the Corrie Ten Boom Museum so I went straight to this area of the museum picking out what I thought would be the most interesting. I had about an hour. They give you an audio device and you enter the number (this one as you can see is 205) Then the description is put to you. I suspect but don't know for sure that one may be able to access it virtually as well as the museum has a good online presence and offers to help access info. I live on a island in actual fact and we have no broadband of sufficient service here so I am limited to dial up. someone with a better provider and better computer skills might find that is also accessible on line. I would not surprise me it is. They claim everything that has ever been here still is.
Since my other post did not appear. No I brought nothing home. Never had any opportunity to buy anything while I was there.
donVe3LYX

13807. CQ NA: Need Infos CMS 4-pole sockets

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-29 12:40:06 UTC
From: thomas.hoeppe@...
Topic: 13807 Message: 13807
Attachments: 1 described; binary payloads are missing from this source WARC

Hello everybody!

I need help from you North Americans. As I mentioned before, DK4NQ and me are seriously planning to make replicas of the CMS set. I started to organize the parts. One part is making me sorrows. It's the 4-pole socket used for the antenna in the transmitter and for the headphone in the receiver. Anyone has those left over, or an idea where to buy them? Also infos about the right name or the producer is very wellcome.
Please look at the attachement. The PINs should be something around 1/10 inch or so.

TNX for your help!

Tom, DJ5RE

13808. RE: [AWA Group] CQ NA: Need Infos CMS 4-pole sockets [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-29 14:35:24 UTC
From: Mike Feher
Topic: 13807 Message: 13808

Tom –

I do not remember ever seeing those sockets on anything other than the CMS. I would suggest that you try to mold your own out of quick setting epoxy. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, June 29, 2016 8:40 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] CQ NA: Need Infos CMS 4-pole sockets [1 Attachment]

Hello everybody!

I need help from you North Americans. As I mentioned before, DK4NQ and me are seriously planning to make replicas of the CMS set. I started to organize the parts. One part is making me sorrows. It's the 4-pole socket used for the antenna in the transmitter and for the headphone in the receiver. Anyone has those left over, or an idea where to buy them? Also infos about the right name or the producer is very wellcome.
Please look at the attachement. The PINs should be something around 1/10 inch or so.

TNX for your help!

Tom, DJ5RE

13809. RE: [AWA Group] CQ NA: Need Infos CMS 4-pole sockets [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-29 14:46:54 UTC
From: Thomas Höppe
Topic: 13807 Message: 13809

Thanks for your comment, Mike!

I was in hope it is something common, maybe still available.

Yes, if it not the case, it can get homemade by milling the block from a piece of black delrin and inserting the available connectors.

Thanks Tom

13810. RE: [AWA Group] CQ NA: Need Infos CMS 4-pole sockets

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-29 14:50:07 UTC
From: Mike Feher
Topic: 13807 Message: 13810

Tom -

Sadly, it is nothing common at all, HI. Yes, what you suggest would work as well, I just thought the epoxy method would give you a more identical shape.
73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, June 29, 2016 10:47 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] CQ NA: Need Infos CMS 4-pole sockets

Thanks for your comment, Mike!

I was in hope it is something common, maybe still available.

Yes, if it not the case, it can get homemade by milling the block from a piece of black delrin and inserting the available connectors.

Thanks.Tom

13811. Re: CQ NA: Need Infos CMS 4-pole sockets

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-29 15:09:35 UTC
From: dulmagedon@...
Topic: 13807 Message: 13811

I have no idea what a CMS set is so perhaps we could be let in on the secret. I would like to know. However to make a socket and make it look right I have had to do many times. First find an old wafer tube socket with the right metal contacts. Take it apart removing carefully the individual contacts. Decide what materiel you will use for the new socket. I usually use perf board or fiberglass circuit board with copper removed or the old plastic many 20 radios used. Your choice.Proceedure is the same. Mark and drill the four holes in one board and place another board over it and drill again so they match exactly. Make the first set of holes larges enough that the contacts removed from the old tube socket fit in. place the second board made over top and inset the plug or tube or whatever you are making it for. Once you are sure everything goes in Ok with it all plugged together mark and drill the two mounting screw holes. Insert the srews and put on the nuts and tighten. Now remove the plug or tube etc and shape the boards to their desired shape while they are still fastened together tightly. Remove the screws mount the socket in the radio and install the screws and nuts. You should not be able to tell it from an original. Last one I built was a tube socket for a PT215 tube and I am thinking few, if any have any of those lying around. donVe3LYX

13812. Q Max B4/40 AM/CW transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-30 09:48:16 UTC
From: tannebri1@...
Topic: 13812 Message: 13812

Having just bought one, does anyone have any info on these transmitters. I seem to remember a advert in RSGB mag dating from the 50's that showed a line drawing of the transmitter. Was it a series of units VFO,Exciter possibly a RX?

Does anyone have a schematic?

I shall be rebuilding it for use on the air. Oh it has 2x6l6 push pull for AM modulator and 807 O/P

Many Thanks Brian

13813. Re: CQ NA: Need Infos CMS 4-pole sockets

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-30 13:38:50 UTC
From: dulmagedon@...
Topic: 13807 Message: 13813

Never mind. I found it on my own.
donVe3LYX

13814. Re: Re: [AWA Group] Antique FD And TPTG circuits [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-30 19:45:59 UTC
From: dulmagedon@...
Topic: 13805 Message: 13814
Attachments: 1 described; binary payloads are missing from this source WARC

more from Teyler Museum

13815. AWA Group

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-30 20:00:10 UTC
From: MARK DOTY
Topic: 13805 Message: 13815

Hi to the groupI have a Clearfield de luxe glass radio that I am restoring and need some photos of the parts in the underside of radio.I also need the iron core af transformer it is missing.I can provide a copy of the original manual and schematic to any one who needs it.
thanks MarkI collect ARC and Spark transmitter and radios

13816. A Rememberence of Bruce Kelley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-30 20:02:25 UTC
From: Bill Stewart
Topic: 13816 Message: 13816

A good friend, Bob, W4JDQ, is from around Rochester, NY and mentioned his short visit to the W2ICE shack:

It was about 1956 or 1957 and I was enrolled in an electronics program at Jefferson High School in Rochester, NY. We were learning about electronics and our objective was to pass the First Class Radio Telephone, and Radio Telegraph licenses and become gainfully employed in the field. Some of my class were interested in Amateur Radio and chose to take those FCC exams at the same time we took our Commercial tests.

Dr. Bloom one of our professors knew of a well known amateur radio operator in the area and arranged for 4 or 5 of us to go to this persons farm and home. We arrived at a large home in the country and Mr. Bruce Kelley W2ICE met us at the door and welcomed us in. We were ushered into a large room in the home and were shocked to see a modified broadcast transmitter arranged beside a large console which contained a Collins 75A-4 receiver. I remember a large single tube in the final (5000 T I think) which was very impressive and glowed a cherry red when he transmitted. I believe Mr. Kelley told us he had a 3 phase power supply in the basement which powered his transmitter and other equipment. It was dark and in the evening so we were not able to see the antenna system but we were told that he had a 75 meter rhombic antenna system some 50 or 60 feet off the ground in a field on the farm. We either were told or surmised that he worked for Rochester Gas & Electric (the power company) or maybe a contractor who installed power systems. He mentioned to us that he had a large collection of equipment in the basement but we ran out of time and did not see his personal collection.

He was a very knowledgeable fellow and was very quick to demonstrate and explain what was in his shack. He was transmitting on AM at that time and demonstrated how he could whisper CQ into the mike and get a reply from a fellow ham in Germany. Between the mike and the modulator he had a 23 to 1 compression amplifier, which keep the modulation banging up around 90% at all times. The compression amplifier was the same used in some AM broadcast stations at this time. We were a little curious as to how many watts he was really running because we all had been using the 1 KW we had at school. We knew that the transmitter originally was designed to run about 5000 watts and I believe that he said that it required about 8,000 volts plate voltage to run full power.

While the memories of the meeting are a little vague now there was no doubt that Bruce Kelley was a Ham’s Ham and a genuine good fellow. He is certainly a legend and we felt honored to meet him.

Bob

13817. RE: Re: [AWA Group] Antique FD And TPTG circuits [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-30 21:44:22 UTC
From: Mike Feher
Topic: 13805 Message: 13817

Don –

I am sure you know that these are not real “vacuum tubes”. They are in the family of Crookes tubes often used in Physics classes. I have several. You just apply about a KV or more and the tube lights up in a color depending on the gas used as the filler. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, June 30, 2016 3:46 PM
To: AWAGroup@yahoogroups.com
Subject: Re: Re: [AWA Group] Antique FD And TPTG circuits [1 Attachment]

more from Teyler Museum

13818. Re: [AWA Group] A Rememberence of Bruce Kelley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-06-30 22:00:58 UTC
From: Louis Vermond
Topic: 13816 Message: 13818

Thank you, Bill and Bob! 73, Lou VE3AWA

----- Original Message -----
From: Bill Stewart cwopr@... [AWAGroup]
To: AWA Group
Sent: 2016-06-30 4:02 PM
Subject: [AWA Group] A Rememberence of Bruce Kelley

A good friend, Bob, W4JDQ, is from around Rochester, NY and mentioned his short visit to the W2ICE shack:

It was about 1956 or 1957 and I was enrolled in an electronics program at Jefferson High School in Rochester, NY. We were learning about electronics and our objective was to pass the First Class Radio Telephone, and Radio Telegraph licenses and become gainfully employed in the field. Some of my class were interested in Amateur Radio and chose to take those FCC exams at the same time we took our Commercial tests.

Dr. Bloom one of our professors knew of a well known amateur radio operator in the area and arranged for 4 or 5 of us to go to this persons farm and home. We arrived at a large home in the country and Mr. Bruce Kelley W2ICE met us at the door and welcomed us in. We were ushered into a large room in the home and were shocked to see a modified broadcast transmitter arranged beside a large console which contained a Collins 75A-4 receiver. I remember a large single tube in the final (5000 T I think) which was very impressive and glowed a cherry red when he transmitted. I believe Mr. Kelley told us he had a 3 phase power supply in the basement which powered his transmitter and other equipment. It was dark and in the evening so we were not able to see the antenna system but we were told that he had a 75 meter rhombic antenna system some 50 or 60 feet off the ground in a field on the farm. We either were told or surmised that he worked for Rochester Gas & Electric (the power company) or maybe a contractor who installed power systems. He mentioned to us that he had a large collection of equipment in the basement but we ran out of time and did not see his personal collection.

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While the memories of the meeting are a little vague now there was no doubt that Bruce Kelley was a Ham’s Ham and a genuine good fellow. He is certainly a legend and we felt

honored to meet him.

Bob

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13819. RE: Re: [AWA Group] Antique FD And TPTG circuits [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-01 00:51:09 UTC
From: dulmagedon@...
Topic: 13805 Message: 13819

No Mike I didn't know that. I knew they were not radio tubes but figured they were an experimental tube of some type and probably very old. Tis a bad day if I don't learn something.
My high school days were unexpectedly cut short. Had to self educate till I got into my trades and college.
Thanks
donVe3LYX

13820. RE: Re: [AWA Group] Antique FD And TPTG circuits [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-02 10:01:43 UTC
From: dulmagedon@...
Topic: 13805 Message: 13820
Attachments: 1 described; binary payloads are missing from this source WARC

This is the last of the best from the Teyler Museum that would relate to us. I have a couple from the 20th Century Museum on Oostereiland in Hoorn NL that I think would be of interest.
I was surprised to see this in the display case. I believe it is older then its design looks.
donVE3LYX
currently testing on 7040 kcs top of the hours

13821. RE: Re: [AWA Group] Antique FD And TPTG circuits [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-02 10:05:32 UTC
From: Mike Feher
Topic: 13805 Message: 13821

What was it connected to Don? 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, July 02, 2016 6:02 AM
To: AWAGroup@yahoogroups.com
Subject: RE: Re: [AWA Group] Antique FD And TPTG circuits [1 Attachment]

This is the last of the best from the Teyler Museum that would relate to us. I have a couple from the 20th Century Museum on Oostereiland in Hoorn NL that I think would be of interest.
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donVE3LYX
currently testing on 7040 kcs top of the hours

13822. RE: Re: [AWA Group] Antique FD And TPTG circuits [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-02 13:42:26 UTC
From: dulmagedon@...
Topic: 13805 Message: 13822

It was just sitting on display in the cabinent with a reference to inductors. In this museum you are kinda on Ur own. The "ladies" who run it are neat and pleasant but not technical. The cabinets are quite high too. I had to stand on my tip toes to get the photo. Some of the Dutch are very tall. Must be something in the water.
donVE3LYX
7040kcs

13823. RE: Re: [AWA Group] Antique FD And TPTG circuits

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-02 13:57:04 UTC
From: Mike Feher
Topic: 13805 Message: 13823

I only asked because to me it looked more like an air cooled vintage nichrome resistor element rather than an inductor. I never saw a free standing inductor like that until about the early ‘20s. I would have expected a museum to have real representative ancient stuff. Of course, for the general public, it probably does not matter that much. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, July 02, 2016 9:42 AM
To: AWAGroup@yahoogroups.com
Subject: RE: Re: [AWA Group] Antique FD And TPTG circuits

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donVE3LYX
7040kcs

13824. VVV VVV VVV Hello Test VVV VVV VVV

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-03 11:41:12 UTC
From: dulmagedon@...
Topic: 13824 Message: 13824

I have been working on the little transceiver since getting back home. Trying to improve its output. Yesterday i believe I had some good success and did some local tests getting the XYL to help. I need to log a contact or a report before setting it on the shelf till winter. So I am calling this morning at 8 AM my time (EDT) on or about 7040kcs (if busy will go down a couple of KCs) I will also repeat at 9AM . If any ears (reply or report by Email)are available it would be appreciated as it is always better with those who understand vintage and appreciate radio. Thank you.
DonVE3LYX

13825. Re: [AWA Group] VVV VVV VVV Hello Test VVV VVV VVV

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-03 12:13:08 UTC
From: N1BUG
Topic: 13824 Message: 13825

Don, I had you very solid on your CQ. Quite a bit of QSB and some QRM around by copied 80% during our short QSO. Your rig is working! It has a slight bit of chirp and some drift... I had to follow you a bit as I was using a narrow filter to reject QRM. That was not bad considering I have a high local noise level. My receiving antennas are broken so I was listening on the inverted V. It's installed in a non-optimal spot and picks up noise from a lot of sources.

73,
Paul N1BUG

13826. Re: [AWA Group] VVV VVV VVV Hello Test VVV VVV VVV

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-03 12:21:12 UTC
From: dulmagedon@...
Topic: 13824 Message: 13826

Thank you Paul. I really appreciate you taking the time. You signal was really good here. Bit of QSB but when it was good it was real good. Just as you finished the RST someone either nearby or high powered starting calling CQ and it became impossible to ignore. However the little rig works . I got so excited my hand started to shake physically. You would wonder an old lad like me getting that wound up ::>)
Anyway Thank you again for helping me out. May you have a wonderful day.
73s DonVE3LYX

13827. Re: [AWA Group] VVV VVV VVV Hello Test VVV VVV VVV

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-03 13:05:36 UTC
From: N1BUG
Topic: 13824 Message: 13827

My pleasure Don. Timing was great. I am rarely on the air this time of year and don't spent as much time at the computer either. I just happened to be here catching up on email and so on when you posted your note about testing. I was running 100 watts. I get nervous in any QSO. I seemed to be incapable of sending the number 4 in the signal report this morning. Oh well. At least we know your rig is working. You may have even figured out what report I was trying to give you. hi hi Have a good day!

73,
Paul N1BUG

13828. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-03 22:06:42 UTC
From: Louis Vermond
Topic: 130 Message: 13828
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/Very-Vintage-Rare-Stancor-10P-AM-CW-Transmitter-From-1940-/112045816251?hash=item1a167379bb:g:cAwAAOSwkl5XeEA7

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13829. Wanted FT171 or similar crystal for 40m CW

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-04 07:44:48 UTC
From: tannebri1@...
Topic: 13829 Message: 13829

Hi

I'm lookng for a FT171 or similar large crystal with a frequency some where in the 40M CW band ie 7-7.030 Mhz for my B4/40 transmitter. Or maybe one that could be ground up to 40M.

Many Thanks

Brian G6HUI

13830. Re: [AWA Group] Wanted FT171 or similar crystal for 40m CW

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-04 13:57:38 UTC
From: Louis Vermond
Topic: 13829 Message: 13830

I'm lookng for a FT171 or similar large crystal with a frequency some where in the 40M CW band ie 7-7.030 Mhz for my B4/40 transmitter. Brian G6HUI

Here you go, Brian.

http://www.af4k.com/FT171_crystals.htm

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13831. Re: Wanted FT171 or similar crystal for 40m CW

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-04 16:31:04 UTC
From: tannebri1@...
Topic: 13829 Message: 13831
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks Louis

I'm afraid the transmitter has a lot of crystal current. I have just tried a HC49 and it chirped like the dawn chorus!. I have a FT171, but on the wrong frequency 7075Khz for CW in the UK, and that behaves beautifully next to no chirp nice tone. It does not have to be a FT171 just large and same pin spacing.

I will give Brian a email see if he has any with the big crystals.

I have attached a Picture of the Qmax B4/40 its very rare in fact it maybe the only one left.

73 Brian

13832. Adapter Nut

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-06 00:24:53 UTC
From: dulmagedon@...
Topic: 13832 Message: 13832

I have gotten interested in clandestine radios. I found a rig acreditied to Germany called an Adapter Nut which pops into the 6v6 or 6y6 final audio tube socket of a 1930s/40s style home cabinet superhet and contains a complete 4 channel crystal controlled Cw rig. To be honest it doesn't look very German to me however that aside the concept is very interesting and very doable. In fact it is so practical I wonder why it wasn't in all the old ARRL handbooks. There is no schematic I could see but I think that is minor. The circuit has to be much like the BE rigs some of us built in later years except with 4 switchable crystals. If one used an old set with short wave you would have it all. You could cess the audio from the same box wit a set of phones (not using the final) BFO is an issue but might be possible to mistune the Ifs enough to detect the signal. Later years a AC DC set would also work. Anyway it intrigues me. I am peering into my junk box now to see of I have anything that would work. I havent committed to it yet but I am thinking. I have a very early 1930s set from the XYL grandmother that still work Probably about 1931 or 32. so no 6v6 but that doesn't matter. Still can be done with whatever it has. Who knows maybe we will have to have a Clandestine Transmitter Event. The air would be alive with Parasets Adapter Nuts and CMS sets.
donVe3LYX

13833. RE: [AWA Group] Adapter Nut

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-06 00:42:05 UTC
From: Mike Feher
Topic: 13832 Message: 13833

Don –

There is a “spyradio” reflector SpyRadios@yahoogroups.com you may be interested in joining. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, July 05, 2016 8:25 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Adapter Nut

I have gotten interested in clandestine radios. I found a rig acreditied to Germany called an Adapter Nut which pops into the 6v6 or 6y6 final audio tube socket of a 1930s/40s style home cabinet superhet and contains a complete 4 channel crystal controlled Cw rig. To be honest it doesn't look very German to me however that aside the concept is very interesting and very doable. In fact it is so practical I wonder why it wasn't in all the old ARRL handbooks. There is no schematic I could see but I think that is minor. The circuit has to be much like the BE rigs some of us built in later years except with 4 switchable crystals. If one used an old set with short wave you would have it all. You could cess the audio from the same box wit a set of phones (not using the final) BFO is an issue but might be possible to mistune the Ifs enough to detect the signal. Later years a AC DC set would also work. Anyway it intrigues me. I am peering into my junk box now to see of I have anything that would work. I havent committed to it yet but I am thinking. I have a very early 1930s set from the XYL grandmother that still work Probably about 1931 or 32. so no 6v6 but that doesn't matter. Still can be done with whatever it has. Who knows maybe we will have to have a Clandestine Transmitter Event. The air would be alive with Parasets Adapter Nuts and CMS sets.
donVe3LYX

13834. Re: Adapter Nut

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-06 05:15:58 UTC
From: Thomas Höppe
Topic: 13832 Message: 13834

Hello Don!

I also recommend this group:

https://groups.yahoo.com/neo/groups/LesAmisduParaset/info

Wellcome in the spy scene! My list of replicas is getting longer every year. Once having licked blood it will attract your attention forever! If you need any infos about the sets I made already, I can send you all I have. Look on www.hoeppe.name <http://www.hoeppe.name> If you like one of the sets tell me.

About the adapters: I am not sure about the principle they were used. The agent needed pretty much technical knowledge! He had to know which final tube is in which radio. Then, he had to make modifications in the radio! The receivers had high resistive chokes or resistors in the DC filters after the rectifier tube. The voltage for the adapter had to be taken across the first electrolytic capacitor. There were free pins on the tube sockets, so you could make connections to that pins. The adapter had a shortcut. When plugged in, the high resistive part of the filter was jumpered.

But it HAD to become modified. Nothing for agent □average□.

My opinion .

Tom, DJ5RE

13835. RE: [AWA Group] CQ NA: Need Infos CMS 4-pole sockets [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-06 11:34:00 UTC
From: Mike Feher
Topic: 13807 Message: 13835
Attachments: 2 described; binary payloads are missing from this source WARC

Tom –

I wonder if this would help you out. I think you can machine pretty close to the original from this piece. Use two of the double pin jacks to make a 4 pin one. The piece is 3.2 inches long and 1.65 inches wide. From those dimensions, you can scale the rest. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, June 29, 2016 8:40 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] CQ NA: Need Infos CMS 4-pole sockets [1 Attachment]

Hello everybody!

I need help from you North Americans. As I mentioned before, DK4NQ and me are seriously planning to make replicas of the CMS set. I started to organize the parts. One part is making me sorrows. It's the 4-pole socket used for the antenna in the transmitter and for the headphone in the receiver. Anyone has those left over, or an idea where to buy them? Also infos about the right name or the producer is very wellcome.
Please look at the attachement. The PINs should be something around 1/10 inch or so.

TNX for your help!

Tom, DJ5RE

13836. Re: Adapter Nut

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-06 11:48:44 UTC
From: dulmagedon@...
Topic: 13832 Message: 13836

Thank you both for the info. I see on both list folks I know form other adventures including Tom and Mike but others as well. I think at the moment I will just build an adapter nut and see how that goes. In all my power supplies I use the 7AC pint out and an octal plug. Even my No 19 and all my AWA stuff. I think I will start looking for a 6v6 final old shortwave parlour set in antiques stores and flea markets. However thanks for the links. As you know Mike I have a Telefunken briefcase Spy radio locator set so I am half way there. My friend Jim VE3DCX has a Paraset so I will quiz him next time he is here. Anyway after building the last rig and noting its excellent performance I realized that making a simple low parts count radio that really works is well within the realm of possibility. So back to the vintage stuff now.
DonVe3LYX

13837. Dubilier Micadon 601 voltage rating

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-06 12:53:14 UTC
From: aflowers@frontiernet.net
Topic: 13837 Message: 13837

Does anyone know what the old 601 Micadons were rated for, approximately? I have a 2000pf one that I'm considering using as a plate blocking cap is a circuit that will probably see about 350V. These are "receiving condensers", but I have seen them in late 20's TNTs and such.
It's the kind seen here in the Dubilier 1922 circular:
http://ethw.org/images/4/45/Dubilier_-_Dubilier_Micadons,_Type_601.pdf
Their use in transmitting circuits in the depression doesn't necessarily imply that it's a good idea. I would do a HV test at something much higher before I put it in a circuit, but I'd rather not attempt to punch through one if they really are not appropriate for this application.
Thanks,Andy K0SM/2

13838. 2A5 Finally Finished

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-06 14:52:00 UTC
From: Bill Stewart
Topic: 13838 Message: 13838
Attachments: 2 described; binary payloads are missing from this source WARC

Morning all,
I have been working on this rig for a while now.....simple rig, but I'm just plain slow. Anyway, I got the rig finished recently and put it in a small wood rack which I stained and put it all back together. To finish off the station, I use a National SW-3 regen. It is great fun using a station pretty much like it would have been in 1933. The osc. is from a 1933 'RADIO' mag. article. The tube is a 2A5 and am probably getting abt 8-10 watts out into the sgl wire fed Windom. Am using it on 40m, which has not been very good for low power work lately, but I am still chirping away....actually, not too much chirp...depending on xtal and sweet spot for tuning. Generally works well when band condx cooperate...RBN tells me it's working even when I don't get replies to CQs.

73 de Bill K4JYS

13839. Re: [AWA Group] 2A5 Finally Finished [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-06 15:28:11 UTC
From: Eric NO3M
Topic: 13838 Message: 13839

Bill

Very nice rig! Sounds like your getting a very respectable amount of power output too!

If you want to try a QSO, let me know a time and freq. I can fire up the FD rig for it's final QSO... I am going to be tearing it down to re-cycle several parts for a new exciter for next year.

73 Eric NO3M

On 07/06/2016 10:52 AM, Bill Stewart cwopr@... [AWAGroup] wrote:
> Morning all,
> I have been working on this rig for a while now.....simple rig, but
> I'm just plain slow.
> Anyway, I got the rig finished recently and put it in a small wood
> rack which I stained
> and put it all back together. To finish off the station, I use a
> National SW-3 regen. It
> is great fun using a station pretty much like it would have been in
> 1933. The osc. is
> from a 1933 'RADIO' mag. article. The tube is a 2A5 and am probably
> getting abt
> 8-10 watts out into the sgl wire fed Windom. Am using it on 40m, which
> has not been
> very good for low power work lately, but I am still chirping
> away....actually, not too
> much chirp...depending on xtal and sweet spot for tuning. Generally
> works well when
> band condx cooperate...RBN tells me it's working even when I don't get
> replies to CQs.
>
> 73 de Bill K4JYS
>
>
>
>

13840. Re: [AWA Group] 2A5 Finally Finished [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-06 15:58:32 UTC
From: dulmagedon@...
Topic: 13838 Message: 13840

Congrats. I like the look Bill. Time and freq and I can be there with something as well. Just let us/ me know. I thought I heard an oldie the other morning just before Paul worked me. (around 7038 or 7039 or so) Was that You? Sounded very "Vintage".
donVE3LYX

13841. Re: [AWA Group] 2A5 Finally Finished

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-06 18:49:08 UTC
From: Bill Stewart
Topic: 13838 Message: 13841

Tnx Eric & Don,
Condx NG now...just tried a few cqs around 7044 and only
two RBN rpts and they were very weak...plus band is abt
dead. Maybe first of the week....will be too hot in Studio B
for operating during the next few days. If I get out, will send
an alert here with time and QRG...tnx, 73 de Bill K4JYS

----- Original Message -----

From: "Eric NO3M no3m@no3m.net [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, July 6, 2016 11:28:11 AM
Subject: Re: [AWA Group] 2A5 Finally Finished

Bill
Very nice rig! Sounds like your getting a very respectable amount of power output too!
If you want to try a QSO, let me know a time and freq. I can fire up the FD rig for it's
final QSO... I am going to be tearing it down to re-cycle several parts for a new exciter
for next year.
73 Eric NO3M

On 07/06/2016 10:52 AM, Bill Stewart cwopr@embarqmail.com [AWAGroup] wrote:

Morning all,
I have been working on this rig for a while now.....simple rig, but I'm just plain slow.
Anyway, I got the rig finished recently and put it in a small wood rack which I stained
and put it all back together. To finish off the station, I use a National SW-3 regen. It
is great fun using a station pretty much like it would have been in 1933. The osc. is
from a 1933 'RADIO' mag. article. The tube is a 2A5 and am probably getting abt
8-10 watts out into the sgl wire fed Windom. Am using it on 40m, which has not been
very good for low power work lately, but I am still chirping away....actually, not too
much chirp...depending on xtal and sweet spot for tuning. Generally works well when
band condx cooperate...RBN tells me it's working even when I don't get replies to CQs.

73 de Bill K4JYS

13842. Re: [AWA Group] 2A5 Finally Finished

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-06 19:11:08 UTC
From: Larry Szendrei
Topic: 13838 Message: 13842

On 7/6/16 11:28 AM, Eric NO3M no3m@... [AWAGroup] wrote:
>
> I can fire up the FD rig for it's final QSO... I am going to be
> tearing it down to re-cycle several parts for a new exciter for next
> year.

Forsooth! What's the motivation for doing that? I thought it looked and
worked pretty good.

73,
-Larry/NE1S

13843. Re: [AWA Group] 2A5 Finally Finished

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-06 19:39:04 UTC
From: Bill Stewart
Topic: 13838 Message: 13843

Good googley-moogley....that one's a keeper, Eric....73 Bill K4JYS

----- Original Message -----

From: "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, July 6, 2016 3:11:08 PM
Subject: Re: [AWA Group] 2A5 Finally Finished

On 7/6/16 11:28 AM, Eric NO3M no3m@... [AWAGroup] wrote:

I can fire up the FD rig for it's final QSO... I am going to be tearing it down to re-cycle several parts for a new exciter for next year.

Forsooth! What's the motivation for doing that? I thought it looked and worked pretty good.

73,
-Larry/NE1S

13844. Night of Nights 2016! - MRHS Newsletter No. 55

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-06 20:29:37 UTC
From: Bill Stewart
Topic: 13844 Message: 13844

It's again time for another Maritime Radio Historical Society
Night of Nights event. Here is a link (below) to the latest News
Letter with all the info and some more great reading...enjoy reading
and tune into the MF and HF CW transmissions on 12 JULY 2016.

First Transmission form MRHS Stations: 5:01pm Pacific
Daylight Time 12 July, 0001Z 13 July 2016

> Historic coast stations KPH, KFS, KSM, and WLO will be on the air!

> USCG stations NMC, NMW and NMQ will return to the air - possibly
for the last time!

> RCA "H Set" Transmitter 298 will be on the air (KSM 22Mc)

> 1942 Press Wireless PW15 transmitter will be on the air (KFS 12Mc)

> K6KPH will be listening for calls and signal reports

> W4WLO will be listening for calls and signal reports

> Join us in person or on the air!

But wait, there's more:

> Technical report on the RCA SSB R3 diversity receiver

> The enigmatic H over 2 antenna explained
> Frank Geisel's Report No. 3 for June/July 1946

See the News Letter at this link:

http://campaign.r20.constantcontact.com/render?m=1109843077277&ca=3af24866-88b8-42d5-8a3b-5d81b5cc2f51

73 de Bill K4JYS

13845. Re: [AWA Group] 2A5 Finally Finished

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-06 20:50:00 UTC
From: Eric NO3M
Topic: 13838 Message: 13845

It won't be a complete tear down, but I want to remove one of the unneeded 24A doubler stages, cut the board down a bit (36 in is pretty wide!), and relocate the 27 Hartley osc. It will be my '29 AWA 40M rig. The new rig will use a 24A ECO, grid on 160M, plate on 80M and maybe different doubler tubes (46s). It will also be a triple decker (osc+doublers, intermediate amp, power amp) to put all the controls within reach of the control operator. Basically just ergonomic and stability improvements for next year's FD setup (and perhaps other on-air events with guest ops).

I also need to steal the small Cardwell variables in the original rig for the new rig, only limited luck finding that style at the hamfests this year or online. They are Cardwell 424Bs, about 75-80pF. I think 410s are the same size/style. I'll use whatever similar value caps I have on hand or can scrounge up to put back in the original rig.

73 Eric NO3M

On 07/06/2016 03:11 PM, Larry Szendrei ne1s@... [AWAGroup] wrote:
>
> On 7/6/16 11:28 AM, Eric NO3M no3m@... [AWAGroup] wrote:
>>
>> I can fire up the FD rig for it's final QSO... I am going to be
>> tearing it down to re-cycle several parts for a new exciter for next
>> year.
>
> Forsooth! What's the motivation for doing that? I thought it looked
> and worked pretty good.
>
> 73,
> -Larry/NE1S
>
> ----------
>

13846. Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-07 10:48:28 UTC
From: Mike Feher
Topic: 11412 Message: 13846

http://www.ebay.com/itm/ANTIQUE-5W-160M-HARTLEY-6AS7-HAM-RADIO-TUBE-CW-TRANSMITTER-1932-QST-/262513370219?

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

13847. Re: [AWA Group] Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-07 13:01:14 UTC
From: Larry Szendrei
Topic: 11412 Message: 13847

On 7/7/16 6:48 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> http://www.ebay.com/itm/ANTIQUE-5W-160M-HARTLEY-6AS7-HAM-RADIO-TUBE-CW-TRANSMITTER-1932-QST-/262513370219?
>
>
Looks like he subbed a 6AS7 for the '45 in the 1932 George Grammar article. Also he's using a transmitting mica in the tank circuit so he can use a smaller air variable for better bandspread, and I see an RF choke not in the original design, probably to use shunt-feed to keep the B+ off the tank components.

I always wondered how a 6AS7 would work as an oscillator - its amplification factor is only 2!

73,
-Larry/NE1S

13848. RE: [AWA Group] Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-07 13:07:58 UTC
From: Mike Feher
Topic: 11412 Message: 13848

Yes, the 6AS7 was mainly used in voltage regulator circuits to the best of my recollection. I also have never seen it as an oscillator, however, have heard of some of the audio guys using it in amps. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, July 07, 2016 9:01 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Ebay alert -

On 7/7/16 6:48 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

http://www.ebay.com/itm/ANTIQUE-5W-160M-HARTLEY-6AS7-HAM-RADIO-TUBE-CW-TRANSMITTER-1932-QST-/262513370219?

Looks like he subbed a 6AS7 for the '45 in the 1932 George Grammar article. Also he's using a transmitting mica in the tank circuit so he can use a smaller air variable for better bandspread, and I see an RF choke not in the original design, probably to use shunt-feed to keep the B+ off the tank components.

I always wondered how a 6AS7 would work as an oscillator - its amplification factor is only 2!

73,
-Larry/NE1S

13849. Re: [AWA Group] Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-07 13:18:13 UTC
From: Larry Szendrei
Topic: 11412 Message: 13849

One of the projects I've been planning and have collected all the parts
for is an OTL (output transformer-less) audio amp using 5 or 6 6080s in
the power output stage. Just would like to see how well it works. As you
know, the 6080 is pretty-much identical to the 6AS7 and was also
designed as a linear pass device for voltage regulator service.

73,
-Larry/NE1S

On 7/7/16 9:07 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Yes, the 6AS7 was mainly used in voltage regulator circuits to the
> best of my recollection. I also have never seen it as an oscillator,
> however, have heard of some of the audio guys using it in amps. 73 ? Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Thursday, July 07, 2016 9:01 AM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* Re: [AWA Group] Ebay alert -
>
> On 7/7/16 6:48 AM, 'Mike Feher' n4fs@...
> <mailto:n4fs@...> [AWAGroup] wrote:
>
> http://www.ebay.com/itm/ANTIQUE-5W-160M-HARTLEY-6AS7-HAM-RADIO-TUBE-CW-TRANSMITTER-1932-QST-/262513370219?
>
>
> Looks like he subbed a 6AS7 for the '45 in the 1932 George Grammar
> article. Also he's using a transmitting mica in the tank circuit so he
> can use a smaller air variable for better bandspread, and I see an RF
> choke not in the original design, probably to use shunt-feed to keep
> the B+ off the tank components.
>
> I always wondered how a 6AS7 would work as an oscillator - its
> amplification factor is only 2!
>
> 73,

> -Larry/NE1S
>
>

13850. RE: [AWA Group] Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-07 13:37:52 UTC
From: Mike Feher
Topic: 11412 Message: 13850

I thought they were essentially the same tube, the 6080 was just a ruggedized military version. I know I have a bunch of each. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, July 07, 2016 9:18 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Ebay alert -

One of the projects I've been planning and have collected all the parts for is an OTL (output transformer-less) audio amp using 5 or 6 6080s in the power output stage. Just would like to see how well it works. As you know, the 6080 is pretty-much identical to the 6AS7 and was also designed as a linear pass device for voltage regulator service.

73,
-Larry/NE1S

On 7/7/16 9:07 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

Yes, the 6AS7 was mainly used in voltage regulator circuits to the best of my recollection. I also have never seen it as an oscillator, however, have heard of some of the audio guys using it in amps. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, July 07, 2016 9:01 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Ebay alert -

On 7/7/16 6:48 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

http://www.ebay.com/itm/ANTIQUE-5W-160M-HARTLEY-6AS7-HAM-RADIO-TUBE-CW-TRANSMITTER-1932-QST-/262513370219?

Looks like he subbed a 6AS7 for the '45 in the 1932 George Grammar article. Also he's using a transmitting mica in the tank circuit so he can use a smaller air variable for better bandspread, and I see an RF choke not in the original design, probably to use shunt-feed to keep the B+ off the tank components.

I always wondered how a 6AS7 would work as an oscillator - its amplification factor is only 2!

73,
-Larry/NE1S

13851. Re: [AWA Group] Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-07 13:44:49 UTC
From: Roger Kuchera
Topic: 11412 Message: 13851

In re: 6AS7, I believe I have seen them in keyer tube circuits also. I seem to recall they have afairly low plate resistance.
Roger/K1TG

On Thursday, July 7, 2016 9:38 AM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv0314796814 #yiv0314796814 -- #yiv0314796814 .yiv0314796814ygrp-photo-title{clear:both;font-size:smaller;min-height:15px;overflow:hidden;text-align:center;width:75px;}#yiv0314796814 div.yiv0314796814ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;min-height:62px;width:62px;}#yiv0314796814 div.yiv0314796814photo-title a, #yiv0314796814 div.yiv0314796814photo-title a:active, #yiv0314796814 div.yiv0314796814photo-title a:hover, #yiv0314796814 div.yiv0314796814photo-title a:visited {text-decoration:none;}#yiv0314796814 div.yiv0314796814attach-table div.yiv0314796814attach-row {clear:both;}#yiv0314796814 div.yiv0314796814attach-table div.yiv0314796814attach-row div {float:left;}#yiv0314796814 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv0314796814 div.yiv0314796814ygrp-file {width:30px;}#yiv0314796814 div.yiv0314796814attach-table div.yiv0314796814attach-row div div a {text-decoration:none;}#yiv0314796814 div.yiv0314796814attach-table div.yiv0314796814attach-row div div span {font-weight:normal;}#yiv0314796814 div.yiv0314796814ygrp-file-title {font-weight:bold;}#yiv0314796814 #yiv0314796814 #yiv0314796814 #yiv0314796814 -- _filtered #yiv0314796814 {font-family:Wingdings;panose-1:5 0 0 0 0 0 0 0 0 0;} _filtered #yiv0314796814 {panose-1:2 4 5 3 5 4 6 3 2 4;} _filtered #yiv0314796814 {font-family:Calibri;panose-1:2 15 5 2 2 2 4 3 2 4;} _filtered #yiv0314796814 {font-family:Tahoma;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv0314796814 {font-family:Consolas;panose-1:2 11 6 9 2 2 4 3 2 4;} _filtered #yiv0314796814 {font-family:Verdana;panose-1:2 11 6 4 3 5 4 4 2 4;}#yiv0314796814 #yiv0314796814 p.yiv0314796814MsoNormal, #yiv0314796814 li.yiv0314796814MsoNormal, #yiv0314796814 div.yiv0314796814MsoNormal {margin:0in;margin-bottom:.0001pt;font-size:12.0pt;}#yiv0314796814 a:link, #yiv0314796814 span.yiv0314796814MsoHyperlink {color:blue;text-decoration:underline;}#yiv0314796814 a:visited, #yiv0314796814 span.yiv0314796814MsoHyperlinkFollowed {color:purple;text-decoration:underline;}#yiv0314796814 p {margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv0314796814 code {}#yiv0314796814 pre {margin:0in;margin-bottom:.0001pt;font-size:10.0pt;}#yiv0314796814 tt {}#yiv0314796814 p.yiv0314796814MsoAcetate, #yiv0314796814 li.yiv0314796814MsoAcetate, #yiv0314796814 div.yiv0314796814MsoAcetate {margin:0in;margin-bottom:.0001pt;font-size:8.0pt;}#yiv0314796814 span.yiv0314796814HTMLPreformattedChar {font-family:Consolas;}#yiv0314796814 p.yiv0314796814attach, #yiv0314796814 li.yiv0314796814attach, #yiv0314796814 div.yiv0314796814attach {margin-right:0in;margin-left:0in;font-size:9.0pt;}#yiv0314796814 p.yiv0314796814bold, #yiv0314796814 li.yiv0314796814bold, #yiv0314796814 div.yiv0314796814bold {margin-right:0in;margin-left:0in;font-size:10.0pt;font-weight:bold;}#yiv0314796814

p.yiv0314796814green, #yiv0314796814 li.yiv0314796814green, #yiv0314796814
div.yiv0314796814green
{margin-right:0in;margin-left:0in;font-size:12.0pt;color:#628C2A;}#yiv0314796814
p.yiv0314796814replbq, #yiv0314796814 li.yiv0314796814replbq, #yiv0314796814
div.yiv0314796814replbq {margin:3.0pt;font-size:12.0pt;}#yiv0314796814 p.yiv0314796814ad,
#yiv0314796814 li.yiv0314796814ad, #yiv0314796814 div.yiv0314796814ad
{margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv0314796814
p.yiv0314796814underline, #yiv0314796814 li.yiv0314796814underline, #yiv0314796814
div.yiv0314796814underline
{margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv0314796814
span.yiv0314796814yshortcuts {}#yiv0314796814 p.yiv0314796814ad1, #yiv0314796814
li.yiv0314796814ad1, #yiv0314796814 div.yiv0314796814ad1
{margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv0314796814 p.yiv0314796814ad2,
#yiv0314796814 li.yiv0314796814ad2, #yiv0314796814 div.yiv0314796814ad2
{margin-right:0in;margin-bottom:7.5pt;margin-left:0in;font-size:12.0pt;}#yiv0314796814
p.yiv0314796814underline1, #yiv0314796814 li.yiv0314796814underline1, #yiv0314796814
div.yiv0314796814underline1 {margin-right:0in;margin-left:0in;font-size:12.0pt;text-decora
tion:underline;}#yiv0314796814 span.yiv0314796814yshortcuts1
{font-weight:bold;}#yiv0314796814 span.yiv0314796814yshortcuts2
{font-weight:normal;}#yiv0314796814 span.yiv0314796814BalloonTextChar {}#yiv0314796814
span.yiv0314796814EmailStyle36 {color:#1F497D;}#yiv0314796814 .yiv0314796814MsoChpDefault
{font-size:10.0pt;} _filtered #yiv0314796814 {margin:1.0in 1.0in 1.0in
1.0in;}#yiv0314796814 div.yiv0314796814WordSection1 {}#yiv0314796814 _filtered
#yiv0314796814 {} _filtered #yiv0314796814 {font-family:Symbol;} _filtered #yiv0314796814
{} _filtered #yiv0314796814 {font-family:Wingdings;} _filtered #yiv0314796814
{font-family:Wingdings;} _filtered #yiv0314796814 {font-family:Wingdings;} _filtered
#yiv0314796814 {font-family:Wingdings;} _filtered #yiv0314796814 {font-family:Wingdings;}
_filtered #yiv0314796814 {font-family:Wingdings;} _filtered #yiv0314796814
{font-family:Wingdings;}#yiv0314796814 ol {margin-bottom:0in;}#yiv0314796814 ul
{margin-bottom:0in;}#yiv0314796814

I thought they were essentially the same tube, the 6080 was just a ruggedized military version. I know I have a bunch of each. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, July 07, 2016 9:18 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Ebay alert -   One of the projects I've been planning and have collected all the parts for is an OTL (output transformer-less) audio amp using 5 or 6 6080s in the power output stage. Just would like to see how well it works. As you know, the 6080 is pretty-much identical to the 6AS7 and was also designed as a! linear pass device for voltage regulator service.

73,
-Larry/NE1S

On 7/7/16 9:07 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
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Sent: Thursday, July 07, 2016 9:01 AM

To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Ebay alert - On 7/7/16 6:48 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
http://www.ebay.com/itm/ANTIQUE-5W-160M-HARTLEY-6AS7-HAM-RADIO-TUBE-CW-TRANSMITTER-1932-QST-/262513370219?
Looks like he subbed a 6AS7 for the '45 in the 1932 George Grammar article. Also he's using a transmitting mica in the tank circuit so he can use a smaller air variable for better bandspread, and I see an RF choke not in the original design, probably to use shunt-feed to keep the B+ off the tank components.

I always wondered how a 6AS7 would work as an oscillator - its amplification factor is only 2!

73,
-Larry/NE1S

13852. Re: [AWA Group] Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-07 13:52:13 UTC
From: N1BUG
Topic: 11412 Message: 13852

Memory fades, but I think there was a 6AS7 along with a 6L6 and something else in the electronically regulated screen grid supply I built for a VHF amplifier back in the 1980s. It was a weird project for the time period but I needed to do it using parts in my junk collection and wanted to try something different. One thing it was not: simple!

Paul

13853. Re: [AWA Group] Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-07 14:14:24 UTC
From: Larry Szendrei
Topic: 11412 Message: 13853

That's my understanding as well. Aesthetically I prefer the ST shape of the 6AS7 over the cylindrical 6080, but I've got a ton of 6080s and only 1 or 2 6AS7s.

On 7/7/16 9:37 AM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> I thought they were essentially the same tube, the 6080 was just a
> ruggedized military version. I know I have a bunch of each. 73 ? Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
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> *Sent:* Thursday, July 07, 2016 9:18 AM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* Re: [AWA Group] Ebay alert -
>
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>
>
> Looks like he subbed a 6AS7 for the '45 in the 1932 George Grammar
> article. Also he's using a transmitting mica in the tank circuit
> so he can use a smaller air variable for better bandspread, and I
> see an RF choke not in the original design, probably to use
> shunt-feed to keep the B+ off the tank components.
>
> I always wondered how a 6AS7 would work as an oscillator - its
> amplification factor is only 2!
>
> 73,
> -Larry/NE1S
>
>

13854. Re: [AWA Group] Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-07 14:17:53 UTC
From: Larry Szendrei
Topic: 11412 Message: 13854

On 7/7/16 9:44 AM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:
> In re: 6AS7, I believe I have seen them in keyer tube circuits also. I
> seem to recall they have a
> fairly low plate resistance.
>
Very low: 280 ohms per triode. That's why they are contenders for an OTL
output stage. It can be done with an (almost) reasonable number of them
in parallel.

73,
-Larry/NE1S

13855. Re: [AWA Group] 2A5 Finally Finished

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-07 14:52:25 UTC
From: Doug Forbes
Topic: 13838 Message: 13855
Attachments: 1 described; binary payloads are missing from this source WARC

I was curious so I looked up the article. It's attached

Doug Forbes WA6VYN

On 7/6/2016 7:52 AM, Bill Stewart cwopr@... [AWAGroup] wrote:
>
>
> Morning all,
> I have been working on this rig for a while now.....simple rig, but
> I'm just plain slow.
> Anyway, I got the rig finished recently and put it in a small wood
> rack which I stained
> and put it all back together. To finish off the station, I use a
> National SW-3 regen. It
> is great fun using a station pretty much like it would have been in
> 1933. The osc. is
> from a 1933 'RADIO' mag. article. The tube is a 2A5 and am probably
> getting abt
> 8-10 watts out into the sgl wire fed Windom. Am using it on 40m, which
> has not been
> very good for low power work lately, but I am still chirping
> away....actually, not too
> much chirp...depending on xtal and sweet spot for tuning. Generally
> works well when
> band condx cooperate...RBN tells me it's working even when I don't get
> replies to CQs.
>
> 73 de Bill K4JYS
>
>
>
>
>

13856. Re: [AWA Group] 2A5 Finally Finished [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-07 15:06:13 UTC
From: Bill Stewart
Topic: 13838 Message: 13856

Doug, a later issue, maybe the next months, has info on an amp using a pair of 2A5s for use with this osc. The whole affair might make a nice project. Tnx for posting the osc. article.
73 de Bill K4JYS

----- Original Message -----

From: "Doug Forbes dougforbes@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Thursday, July 7, 2016 10:52:25 AM
Subject: Re: [AWA Group] 2A5 Finally Finished [1 Attachment]

I was curious so I looked up the article. It's attached

Doug Forbes WA6VYN

On 7/6/2016 7:52 AM, Bill Stewart cwopr@embarqmail.com [AWAGroup] wrote:

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73 de Bill K4JYS

13857. Re: [AWA Group] 2A5 Finally Finished

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-07 15:15:57 UTC
From: Doug Forbes
Topic: 13838 Message: 13857
Attachments: 1 described; binary payloads are missing from this source WARC

You're correct Bill, it was in the next one. Here it is.

Doug Forbes WA6VYN

On 7/7/2016 8:06 AM, Bill Stewart cwopr@... [AWAGroup] wrote:
>
>
> Doug, a later issue, maybe the next months, has info on an amp using a
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> 73 de Bill K4JYS
>
> ---
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> <AWAGroup@yahoogroups.com>
> *To: *AWAGroup@yahoogroups.com
> *Sent: *Thursday, July 7, 2016 10:52:25 AM
> *Subject: *Re: [AWA Group] 2A5 Finally Finished [1 Attachment]
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> in 1933. The osc. is
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> 8-10 watts out into the sgl wire fed Windom. Am using it on 40m,
> which has not been
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> away....actually, not too
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>
> 73 de Bill K4JYS
>
>
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>

13858. Re: [AWA Group] Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-08 01:57:46 UTC
From: dulmagedon@...
Topic: 11412 Message: 13858

Strange subject. While you folks were looking at the Ebay listng for the 6as7 I was working on a twintriode Mopa I built a year or so ago. I built it with a 6bl7 but was never happy with it. So I had a bench full of dual triodes (octal) laid out and was trying them to see. One I tried was a 6080. It worked but my on board power supply just couldn't handle the load and yes i even saw a whisp of smoke. I had a European 6sn7 (EC something) equivalent but the set does not like it. Could be a bad tube but I have never liked it for anything since I got it. I didn't have a 6sn7 but i did have a 12sn7 and the on board PSU allows that change easily. I popped it i and tuned it up. This rig has a meter which is a big help in tuning. I also built this rig with a fixed cap and slug tuned coil on the osc side (PA is a simple parallel tuned circuit) so tuning is fine.(not coarse). It sounded pretty good on the monitor shack rx so I hooked up the antenna clipped on a ground lead and called CQ on 7044kcs (in case Bill was there ;>) Conditions today were terrible. In fact prop reports lists both day and night as Poor . I expected no rely but had nothing to lose. I heard faintly some one key up then begin to tune. I send a question mark and my call with a K (invitation to transmit) and there faintly thru the noise I heard Mike WA1JAS returning the call. Both of us could hardly hear(reports were 229 and 239) however the lack of any QRM made it possible and we managed to make it work, said our 73s and signed. I couldn't believe it. 466 miles ATCF in poor conditions on very low power. I mean really how much can a 12sn7 make? So the 6as7 version would probably do much better. Hope someone buys it. And thanks to Mike for replying. Unbelievable.
donVe3LYX

13859. Night of Nights 2016! - MRHS Newsletter No. 55a - UPDATE

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-08 11:43:14 UTC
From: Bill Stewart
Topic: 13859 Message: 13859

Below is part of Newsletter 55a with correction.
See this link for the full Newsletter 55a with a few changes
regarding frequencies, etc.
http://campaign.r20.constantcontact.com/render?m=1109843077277&ca=15efcc1a-a2d6-4e45-8b9b-aa69747f879e

73 de Bill K4JYS

MRHS Newsletter No. 55a

Dedicated to True Believers Worldwide

Special Night of Nights Update Edition

8 July 2016

Newsletter back issues click HERE MRHS Web site click HERE

Subscribe to the Newsletter HERE

Basic Event Information: Date: Tuesday 12 July 2016 Pacific Daylight Time
(Not Friday as shown in Newsletter No. 55)

First Transmission form MRHS Stations: 5:01pm Pacific Daylight Time 12 July, 0001Z 13 July 2016

13860. Re: Adapter Nut

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-09 02:40:20 UTC
From: dulmagedon@...
Topic: 13832 Message: 13860

If you would allow me to ask just one more spy radio question. I went ahead and have about 1/2 the Adapter Nut transmitter built. I am picking out crystals and have several in the 80m band that will work in the circuit and hide well. Is there a specific freq for Paraset and spy radio folks to gather on or does it matter? I haven't joined either group yet. Still deciding. Might be better just to watch from the side. Meanwhile solder is flowing. Hopefully be next weekend it will be on the air.
donVE3LYX

13861. RE: [AWA Group] Re: Adapter Nut

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-09 03:03:08 UTC
From: Mike Feher
Topic: 13832 Message: 13861

Don –

What is an “Adapter Nut” ? I only found one reference when Googled, and it appeared like it was recently built. Also, did not look German at all. Was it meant to be used by German spies in the US, to use within US radios? 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, July 08, 2016 10:40 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: Adapter Nut

If you would allow me to ask just one more spy radio question. I went ahead and have about 1/2 the Adapter Nut transmitter built. I am picking out crystals and have several in the 80m band that will work in the circuit and hide well. Is there a specific freq for Paraset and spy radio folks to gather on or does it matter? I haven't joined either group yet. Still deciding. Might be better just to watch from the side. Meanwhile solder is flowing. Hopefully be next weekend it will be on the air.
donVE3LYX

13862. Re: Adapter Nut

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-09 06:42:35 UTC
From: Thomas Höppe
Topic: 13832 Message: 13862

Hi Don,

glad to see you active!

In Europe we try to find crystals araund the QRP QRG□s.

On 40m, many own 7010 and 7020 as well (FT-243 available)

Tom

13863. RE: [AWA Group] Re: Adapter Nut

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-09 10:58:14 UTC
From: dulmagedon@...
Topic: 13832 Message: 13863

I don't know Mike. I just found it on a spy radio search and as if you noticed in my first post about it, it did not appear German to me either (and I was also suspicious about some of the components in the picture.) That said the concept is interesting. For instance I know in the past it was not unusual to steal power for a small transmitter from the audio output tube socket. The idea of using that tube as well in the plugged in tx appealed to me as that is what the adapter nut does. I cannot be responsible for misinformation on the web but I do know that the idea is very practical. If not only for a spy for a young hams first transmitter as well. A very simple deal. Simple is almost always extremely effective as well. So I elected as captain of my own shack to build one. Not exact to the picture but same idea. Whether it is historical correct or not ??????. Using the 7AC tube pinout comes up with a Tx that will work in many radios and also Pa systems. I elected to use an old style light switch box and plate for mine and to cable it rather then direct plugging to avoid spacial problems with the higher tube stuck in the nut. ("Nut" BTW sounds very British to me)
I live about an hour away from the old Camp X site which is recently getting some attention and where many Allied Spies were trained and where some famous intelligence agencies first got their start and directors so it interests me either way. Recently (a month ago)one of my buddies did the walking tour there. The idea of a small set by 1940s standards that could be carried into a home easily and plugged into a normal parlour radio for transmitting , if it wasn't used it should have been. Anyway thanks for the input and thanks Tom for the freq info. Good bad or indifferent it is getting built. Hopefully it will work decently.
donVE3LYX
BTW I have thought a lot recently about clandestine radio. Much is made about the regens being detectable say in the Parasets for instance. I guess because I have built so many regens and experimented with them listening for their hetrodyne on a monitor rx. Limiting the regens regen control range can reduce that to a minimum and cut down its detectable range to a few feet or less while still giving CW copy however that becomes a moot point when you press the transmitter key.

13864. RE: [AWA Group] Re: Adapter Nut

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-09 16:32:57 UTC
From: dulmagedon@...
Topic: 13832 Message: 13864

I found a 7050 so it will do for now till I find some lower ones.
donVE3LYX

13865. RE: [AWA Group] Re: Adapter Nut

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-10 13:22:00 UTC
From: dulmagedon@...
Topic: 13832 Message: 13865

So Mike in answer to your observation which were similar in thought to mine I found this out. that one on the picture is a replica built to represent the originals. The originals were known as adapter sets (Zwischenstueck ("between piece" is how my brain translates it. Tom?) and were not ascribed to any particular manufacturer or carved in stone design so mine will be built in the Fabrik D Karl Dolmetsch which would be my proper family name before the forced respelling on immigration and any design I choose if it s period correct and are he components should be OK. These sets predated the Pocket sets which came just before the SE series (Sender/Emphanger, Transmitter/ Receiver).
Before the war here in The County which is a stratigically situated island of sorts hanging out on the north shore of Lake Ontario there was a young man who came mysteriously from Germany. A Metzgerei or butcher by trade and lived among the people here. He spent a lot of time at my grandfathers home and my dad a teenager knew him well. He sometimes went back to his home in Frankfurt for Christmas and I have several letters he sent to my great grandparents and grandparents from there. He referrred to my grandmotheras "mom" so he must have spent a lot of time there. I have pictures of him with the family. He fell in love with a local maiden and was to be married but was found murdered hanging in his barn on the night before. My dad saw when they cut him down and told me of some of the reason when it had to be murder and not susicde as the police wished. My Grandmother sent my Aunt around to all who knew him and there rasided enough money to give him a decent burial in the local church cemetery and a small stone. His name was Wilhelm Nickolaus and I know where the stone is and have often visited it when there as he was a good friend to my family. My Aunt in retirement visited the family in Germany on a European holiday. She couldn't speak German so used someone to help her but she told me they thought he was a soldier who died because of the war. He died before hostilities were declared so that didnt make sense. My aunt is gone and so is my Dad and his brothers now but I have often wondered. What was he doing here? And now I wonder where is his adapter set? Yes I could be wrong but ?????????? His home still stands and is not far away.
I know why he got along with my family as there is a way of thinking that stays in the blood no mater where the family goes. He would have felt at home with them. Grand Dad would not have been suspicious although my Dad's older brother was.
Anyway this is probably what is fueling my interest. Right or wrong.
donVE3LYX

13866. RE: [AWA Group] Re: Adapter Nut

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-10 14:12:24 UTC
From: Thomas Höppe
Topic: 13832 Message: 13866
Attachments: 2 described; binary payloads are missing from this source WARC

Hello Don!

Yes, your translation is o.K. ☐Zwischenstück☐ is a piece you need to connect two things together, in this case the tube and the radio. By doing this, you get a transmitter. Most adapters you see in the internet are replicas. I never saw an original.

This is an interesting story about that man! There were spies all over the world. I red a book about missions where some were brought to north america by submarine. The adapters were low power devices, made for ☐single hop☐ propagation inside Europe. From Canada, you need a more powerful set. The main unit used for that purpose was the SE90/40. As you mentioned right, SE = Sender/Empfänger (Transmitter/Receiver). The number following SE is the development number of the set. The higher this number, the later in the war it was constructed. The number after the dash (☐/☐) is the power of the set. The picture shows my replica of the ☐overseas☐ set SE90/40. The TX is VFO controlled, using a RL12P50 final tube. With the white switch in the middle you can choose 2 frequency ranges. There were sets with higher QRGs for oversea☐s service. The suitcase is very heavy. Often, they had this sets also in the local embassy. I wonder about the construction of this set. In the original schematic, the have full voltage of the final tube (700V) also on the anode of the tiny CC2 oscillator tube. I am sure this tubes did not last very long. And then? You will not find the CC2 in other countries. Send another submarine?

A crazy detail, isn☐t it.

Getting interested in wartime spy radios is always much more interesting if you learn also about the stories behind this sets.

Have fun!

Tom, DJ5RE

13867. RE: [AWA Group] Re: Adapter Nut

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-10 18:11:31 UTC
From: dulmagedon@...
Topic: 13832 Message: 13867

What a good job you have done on that!
I learned while searching that the early spies were sent out to watch shipping lanes. I just found that out just this morning. We live on the main shipping lane for the Great Lakes and right down where Wilhelm lived or Willy as my family called him you can see the lakes traffic easily. It would not be hard probably even today to see 3 or 4 ships from there. I could be wrong but I wonder because never understood why he was here. And folks who came later even in the 1950s knew about him even though the locals had long forgotten him. One lady (Frau Fleischman) from your area of Germany who came here in the 1950s and who helped me with my language aquisition (I Vill not speak to you in Englisch from now on!) was here one day and started telling me some of Willy's story in German. When I told her I know about him and how she waved her hand wildly in front of her face, became very frustrated and her and her husband got in the car and left within minutes. I wondered then how she knew the story as she came long after the war. So you can see why I wonder. She had no idea it was my familie he was friends with. We know they caught a U boat in the St Lorenz (Lawrence) during the war and I have a captured Telfunken DF raincoat set (I sent Mike a photo) that the the Canadian Goverment had till the 1970s. If a U boat made it into the Great Lakes it would not be any trouble to communicate I think. And it would not be a big deal pre 1939 anyway to be studying such things as shipping traffic if that was the case.
Anyway, I am boring everyone with my tale. Sorry.
However This winter I hope to work you with my Adapter despite the distance. "I am pressing my thumbs together" ;>)
donVe3LYX

13868. Re: [AWA Group] Re: Adapter Nut [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-10 18:29:25 UTC
From: Louis Vermond
Topic: 13868 Message: 13868
Attachments: 1 described; binary payloads are missing from this source WARC

Sehr beeindruckend, Tom ...

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13869. Re: [AWA Group] Re: Adapter Nut

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-10 18:39:10 UTC
From: Leonard Meek
Topic: 13832 Message: 13869

Not boring at all, Don.

Leonard

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Sunday, July 10, 2016 8:11 AM
Subject: RE: [AWA Group] Re: Adapter Nut

What a good job you have done on that!
I learned while searching that the early spies were sent out to watch shipping lanes. I just found that out just this morning. We live on the main shipping lane for the Great Lakes and right down where Wilhelm lived or Willy as my family called him you can see the lakes traffic easily. It would not be hard probably even today to see 3 or 4 ships from there. I could be wrong but I wonder because never understood why he was here. And folks who came later even in the 1950s knew about him even though the locals had long forgotten him. One lady (Frau Fleischman) from your area of Germany who came here in the 1950s and who helped me with my language aquisition (I Vill not speak to you in Englisch from now on!) was here one day and started telling me some of Willy's story in German. When I told her I know about him and how she waved her hand wildly in front of her face, became very frustrated and her and her husband got in the car and left within minutes. I wondered then how she knew the story as she came long after the war. So you can see why I wonder. She had no idea it was my familie he was friends with. We know they caught a U boat in the St Lorenz (Lawrence) during the war and I have a captured Telfunken DF raincoat set (I sent Mike a photo) that the the Canadian Goverment had till the 1970s. If a U boat made it into the Great Lakes it would not be any trouble to communicate I think. And it would not be a big deal pre 1939 anyway to be studying such things as shipping traffic if that was the case.
Anyway, I am boring everyone with my tale. Sorry.
However This winter I hope to work you with my Adapter despite the distance. "I am pressing my thumbs together" ;>)
donVe3LYX

13870. AWA Nets?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-11 16:46:40 UTC
From: Louis Vermond
Topic: 13870 Message: 13870

Hello,

Are the AWA 80, 40 and 20 mtere nets still in operation? No mention of them on the AWA site. If so, freq.s and day/time please.

Tks, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13871. RE: [AWA Group] Re: Adapter Nut

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-11 18:12:37 UTC
From: Thomas Höppe
Topic: 13832 Message: 13871

Dear Don!

I asked a friend from UK about the word ☐Nut☐. He said it☐s not British origin . He had also no idea where it comes from.

So better call it ☐Adapter-Transmitter☐, hi.

The story about that German is really strange. Monitoring the ships near harbours was always one of the tasks of those agents. If you want to read something very authentic, try to find the book ☐Two eggs on my plate☐ from Oluf Reed Olsen. Oluf was radio amateur and wartime Norwegian resistance fighter. It☐s a great book. He wrote it in the 50☐ies. I bought mine in an antiquariat in England. I love that book!

BTW: Do you know the story of the Canadian Gustave Biéler?:

https://www.youtube.com/watch?v=QAXOGQBns_s

Gustave Biéler was excecuted only a few km away from here, in KZ Flossenbürg. His daughter Jacqueline had a lot of correspondance with the memorial center in Flossenbürg. I red the letters in the archive.

73s Tom.

13872. RE: [AWA Group] Re: Adapter Nut

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-11 19:53:40 UTC
From: dulmagedon@...
Topic: 13832 Message: 13872
Attachments: 2 described; binary payloads are missing from this source WARC

Ok, He would have a hard time convincing me as I have known some Brits here who call anything small with flat sides a nut but not a hill I want to die on.
Mine is done and was on the air 15 minutes ago. Sounds not bad and power is good I think. I had a 6v6 in it. (48 ma at 272volts I believe was what I saw on the meter). I had it on my light duty PSU which is wired with a 7AC octal pinout for testing. I will try it in a receiver perhaps later tonight. Final freq installed came out at 7051.4 with the 7050 crystal. You can see the crystal to the right of the tube, also on the right side of the tube base you will see a Christmas tree bulb. I often use them for cathode resistors and indicators. When adjusting the slug tuned tank circuit I use the bulb to find resonance. It works very well. I should probably bypass it with a cap but it is so low in ohms I felt it would not be necessary. The first pic shows all the spy would need to bring. The box and a crystal. The host receiver supplies the tube. I did not make it like the one in the photo because i tried several set and only have one here with enough height inside to allow for the adapter under the tube. This design doesn't care. The set can use a 50l6 like an old table radio. I have a couple of sets with a 6y6 final I can try it on. I will have to get them near the antenna so I can use it. There are a lot of final tubes of the octal variety that use that pinout so it should be and would have been very easy finding a host unit. I have to come up with some sort of a clandestine style CW key. And maybe it doesn't need to be an actual key. Anyway I will be trying it tonight on 40m to see how it gets out.
I am going to look for that book.
Gustav's story doesn't pop into my head but it has been several years since I read the Camp X book which lists a lot and tells the stories. In fact if I do get to Nurnberg this Dec for the Christmas markets I will bring you a copy of that book. I started a file on Willy N BTW. There seems to be more to this story then I originally thought.
Anyway any one wants to listen tonight I am going to try the rig out probably between 7Pm and 8PM EDT (my time) 7051.4kcs(That would be during Wheel of Fortune and Jeopardy)
donVE3LYX

13873. Re: [AWA Group] Re: Adapter Nut

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-11 21:03:12 UTC
From: Larry Szendrei
Topic: 13832 Message: 13873

On 7/10/16 2:11 PM, dulmagedon@... [AWAGroup] wrote:
>
> If a U boat made it into the Great Lakes it would not be any trouble
> to communicate I think. And it would not be a big deal pre 1939 anyway
> to be studying such things as shipping traffic if that was the case.
>

Isn't the only way from the ocean to the great lakes up the Hudson and via the Erie Canal? The canal had several locks; how would an enemy U-boat be able to get all the lock operators to cooperate? Doesn't seem very likely to me. I don't even know if it's physically possible for a U-boat to negotiate the locks.

> Anyway, I am boring everyone with my tale. Sorry.
>

You're not boring me, Don!

73,
-Larry/NE1S

13874. Re: [AWA Group] Re: Adapter Nut

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-11 21:04:36 UTC
From: Larry Szendrei
Topic: 13868 Message: 13874

On 7/10/16 2:29 PM, 'Louis Vermond' ldvermond@... [AWAGroup] wrote:
>
> Sehr beeindruckend, Tom ...
Lou, watch your language! :-)

13875. Re: [AWA Group] AWA Nets?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-11 21:21:49 UTC
From: Larry Szendrei
Topic: 13870 Message: 13875

On 7/11/16 12:46 PM, 'Louis Vermond' ldvermond@... [AWAGroup]
wrote:
>
> Hello,
> Are the AWA 80, 40 and 20 mtere nets still in operation? No mention of
> them on the AWA site. If so, freq.s and day/time please.
I'm pretty sure the Sunday PM AM Net, and the 40M SSB net that meets at
noon on Sundays are both still going, as well as the Bruce Kelly Net.

Also 160M Monday night (that's tonight!) at 8PM on 1945 KHz. Youss truly
has (somewhat reluctantly) taken over net control duties from N3IBX.

73,
-Larry/NE1S

13876. Re: [AWA Group] Re: Adapter Nut

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-11 21:50:28 UTC
From: dulmagedon@...
Topic: 13832 Message: 13876
Attachments: 1 described; binary payloads are missing from this source WARC

No We have this great river the St Lawrence which is similar to the Rhine in Europe.. Halifax is the first major port, then Quebec City. The river ends at Kingston where it turns into Lake Ontario which I live on and it is the first of the Great Lakes going east to west. People have been sailing up here since the 1600s. And yes they did catch a sub in the St Lawrence during the war. Tis a matter of history and nothing to do with me or opinions. This river is how this country Canada was settled. Surely you are teasing? Anyway here is the inside of the little rig. Not pretty but works decent it seems. donVe3LYX

13877. AWA Nets? & Language Goodie-Two-Shoes Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-11 22:06:26 UTC
From: Louis Vermond
Topic: 13877 Message: 13877

I'm pretty sure the Sunday PM AM Net, and the 40M SSB net that meets at noon on Sundays are both still going, as well as the Bruce Kelly Net. ...Tks

40M SSB net... Freq?

Also 160M Monday night (that's tonight!) at 8PM on 1945 KHz. If no lightning over QTH, will be there.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13878. Re: [AWA Group] Re: Adapter Nut

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-11 22:27:42 UTC
From: dulmagedon@...
Topic: 13832 Message: 13878

It may have been difficult from Montreal on but the ocean to Montreal was a regular trip. Montreal would be easy with a small transmitter and close enough from here. There are rapids that are not easy however not impossible. But perhaps too much for a sub. Since the Seaway project of the 1960s it is a moot point. You can get here from there easily now.
Anyway the sub story is fact. I have it here somewhere not that it matters. BTW I got to tour a Dutch Sub on my vacation to Holland. XYLs cousin took us to see it. Never expected that. It wasn't a 2 man though. Crew of 76 I believe is what he said. Nice radio room!
PM AM net 7 PM EDT Sunday on 3840kcs AM. I often read the mail but someone has a new SDR and everyone now has FMing (including his local radio station) or poor audio and I don't have the patience for that when running a 70 year old piece of gear. The SSB had no takers last time I listened which was about 3 weeks ago.
Monday (today) on 160M at *PM Joe (N3IBX) has a SSB or AM net listed 1.945kcs
Monday Wed and Friday on 3837 at 9:30 AM SSB only.

13879. Re: [AWA Group] AWA Nets? & Language Goodie-Two-Shoes Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-11 23:11:08 UTC
From: Larry Szendrei
Topic: 13877 Message: 13879

On 7/11/16 6:06 PM, 'Louis Vermond' ldvermond@... [AWAGroup] wrote:
>
> 40M SSB net... Freq?

7237 KHz

>
> Also 160M Monday night (that's tonight!) at 8PM on 1945 KHz.
> If no lightning over QTH, will be there.

Good! CU soon.

13880. Re: [AWA Group] Re: Adapter Nut

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-12 02:53:52 UTC
From: dulmagedon@...
Topic: 13832 Message: 13880

Done!
Just finished a QSO on the "Adapter" with WB4FDT "Pip" in Baltimore MD. 326 Miles ATCF and a decent RST.
Also tied to hide it in my work boot. No problem. Even without a sock stuffed in you would have to actually look inside to see it. Not needing to carry a tube must have been a huge advantage. Fun Build! Even more fun to use.
donVe3LYX

13881. Re: Re: [AWA Group] AWA Nets? & Language Goodie-Two-Shoes Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-12 03:14:35 UTC
From: N3IBX
Topic: 13877 Message: 13881

What day and time is the 40M SSB net on 7.237 LSB?
Joe N3IBX
?
?
On 07/11/16, Larry Szendrei ne1s@... [AWAGroup] wrote:
?
?

On 7/11/16 6:06 PM, 'Louis Vermond' ldvermond@... [AWAGroup] wrote:

?;

?

40M SSB net...? Freq?

7237 KHz

Also 160M Monday night (that's tonight!) at 8PM on 1945 KHz.?
If no lightning over QTH, will be there.

Good! CU soon.

13882. RE: Re: [AWA Group] AWA Nets? & Language Goodie-Two-Shoes Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-12 03:19:07 UTC
From: Mike Feher
Topic: 13877 Message: 13882

When I used to run it was at 12 noon on Sunday’s. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, July 11, 2016 11:15 PM
To: AWAGroup@yahoogroups.com
Subject: Re: Re: [AWA Group] AWA Nets? & Language Goodie-Two-Shoes Larry

What day and time is the 40M SSB net on 7.237 LSB?

Joe N3IBX

On 07/11/16, Larry Szendrei ne1s@... [AWAGroup]<AWAGroup@yahoogroups.com> wrote:

On 7/11/16 6:06 PM, 'Louis Vermond' ldvermond@... [AWAGroup] wrote:

40M SSB net... Freq?

7237 KHz

Also 160M Monday night (that's tonight!) at 8PM on 1945 KHz.

If no lightning over QTH, will be there.

Good! CU soon.

13883. Re: [AWA Group] AWA Nets? & Language Goodie-Two-Shoes Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-12 10:17:38 UTC
From: Larry Szendrei
Topic: 13877 Message: 13883

That's (still) correct.

On 7/11/16 11:19 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> When I used to run it was at 12 noon on Sunday’s. 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Monday, July 11, 2016 11:15 PM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* Re: Re: [AWA Group] AWA Nets? & Language Goodie-Two-Shoes Larry
>
> What day and time is the 40M SSB net on 7.237 LSB?
>
> Joe N3IBX
>

13884. Re: RE: Re: [AWA Group] AWA Nets? & Language Goodie-Two-Shoes Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-12 10:51:14 UTC
From: N3IBX
Topic: 13877 Message: 13884

FBOM!
Joe?
?
?
On 07/11/16, 'Mike Feher' n4fs@... [AWAGroup] wrote:
?
?

When I used to run it was at 12 noon on Sunday’s. 73 – Mike
?
Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960
?
From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, July 11, 2016 11:15 PM
To: AWAGroup@yahoogroups.com
Subject: Re: Re: [AWA Group] AWA Nets? & Language Goodie-Two-Shoes Larry
?
?
What day and time is the 40M SSB net on 7.237 LSB?
Joe N3IBX?
?
?
On 07/11/16, Larry Szendrei ne1s@... [AWAGroup]<AWAGroup@yahoogroups.com> wrote:
?
?;
On 7/11/16 6:06 PM, 'Louis Vermond' ldvermond@... [AWAGroup] wrote:
?
?
40M SSB net...? Freq?

7237 KHz

Also 160M Monday night (that's tonight!) at 8PM on 1945 KHz.?
If no lightning over QTH, will be there.

Good! CU soon.

?

13885. Re: Re: [AWA Group] AWA Nets? & Language Goodie-Two-Shoes Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-12 10:52:14 UTC
From: N3IBX
Topic: 13877 Message: 13885

Mike,Larry - I appreciate the information and hope to talk to you there sometime soon!
Joe?
?
?
On 07/12/16, Larry Szendrei ne1s@... [AWAGroup] wrote:
?
?

That's (still) correct.

On 7/11/16 11:19 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

?

When I used to run it was at 12 noon on Sunday’s. 73 – Mike

?

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

?

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, July 11, 2016 11:15 PM
To: AWAGroup@yahoogroups.com
Subject: Re: Re: [AWA Group] AWA Nets? & Language Goodie-Two-Shoes Larry

?

?

What day and time is the 40M SSB net on 7.237 LSB?

Joe N3IBX

13886. AWA Nets

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-12 11:30:06 UTC
From: dulmagedon@...
Topic: 13886 Message: 13886

I keep it bookmarked on my computer.
http://www.antiquewireless.org/awa-on-the-air.html
http://www.antiquewireless.org/awa-on-the-air.html
donVe3LYX

13887. Re: [AWA Group] Re: Adapter Nut [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-12 11:36:06 UTC
From: Larry Szendrei
Topic: 13832 Message: 13887

On 7/11/16 5:50 PM, dulmagedon@... [AWAGroup] wrote:
>
> No We have this great river the St Lawrence which is similar to the
> Rhine in Europe.. Halifax is the first major port, then Quebec City.
> The river ends at Kingston where it turns into Lake Ontario which I
> live on and it is the first of the Great Lakes going east to west.
> People have been sailing up here since the 1600s. And yes they did
> catch a sub in the St Lawrence during the war. Tis a matter of
> history and nothing to do with me or opinions. This river is how this
> country Canada was settled. Surely you are teasing?
>

No, I had totally overlooked/forgotten about the St. Lawrence seaway,
and I'm not sure I ever realized it was navigable all the way to Lake
Ontario. My mistake.

> Anyway here is the inside of the little rig. Not pretty but works
> decent it seems.
> donVe3LYX
>
>
> <https://groups.yahoo.com/neo/groups/AWAGroup/attachments/1110437916;_ylc=X3oDMTJybzQ0dmhjBF9TAzk3MzU5NzE0BGdycElkAzM5NDcwOTEwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDYXR0YWNobWVudARzbGsDdmlld09uV2ViBHN0aW1lAzE0NjgyNzM4MzE->

What do you mean, not pretty? Looks nice to me!

73,
-Larry/NE1S

13888. Re: [AWA Group] Re: Adapter Nut [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-12 12:40:30 UTC
From: dulmagedon@...
Topic: 13832 Message: 13888

No problem. I checked into it. Been navigable to Lake Ontario since the 1780s. By 1959 with the Seaway project it became navigable for "deep draft" ships as well. (now 26 ft deep at shallowest spot) My sister lives on the river on the NY side (Morristown NY) and large ships pass her dock all day long. However you got me thinking. Here in Belleville lives the man who did much of the development of the two man sports subs. He runs an aluminum foundry and has done some prototype manifold casting for me. I am going to visit him at the sport sub shop and ask if he thinks a old two man sub could sneak through a set of locks. These are the guys who did the sub treasure hunting for Fidel Castro a few years back. It will be interesting to hear what he says.
Anyway the lil rig works great. Doesnt seem to have any drawbacks . The slug tuned final will pull the Crystal up more kcs then a cap usually pulls them. I was operating as high as 7052 last night(on a 7050 rock). Usually one only gets a few kcs(25 to 50) of wiggle with a typical VXO. Will also have to sit down and draw the schematic so I don't forget what I built. Was a fun build though bit much more fun working WB4FDT. Also tried hiding it in my work boot. No problem! So it could be snuck in back in the day I think quite easily.
donVe3LYX
BTW someone was talking the other day about too much crystal current the other day. On this rig I used a receive type RF choke in parallel with the crystal to prevent that. Also was not uncommon to use a pilot lamp bulb in series for the same purpose

13889. Re: [AWA Group] AWA Nets

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-12 12:49:22 UTC
From: Louis Vermond
Topic: 13886 Message: 13889

GM and tks, Don.

----- Original Message -----
From: dulmagedon@yahoo.ca [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-07-12 7:30 AM
Subject: [AWA Group] AWA Nets

I keep it bookmarked on my computer.
http://www.antiquewireless.org/awa-on-the-air.html
donVe3LYX

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13890. Re: [AWA Group] AWA Nets? & Language Goodie-Two-Shoes Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-12 12:56:31 UTC
From: Louis Vermond
Topic: 13877 Message: 13890

Thank you all for your response. Lou

----- Original Message -----
From: Larry Szendrei ne1s@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-07-11 7:11 PM
Subject: Re: [AWA Group] AWA Nets? & Language Goodie-Two-Shoes Larry

On 7/11/16 6:06 PM, 'Louis Vermond' ldvermond@... [AWAGroup] wrote:

40M SSB net... Freq?

7237 KHz

Also 160M Monday night (that's tonight!) at 8PM on 1945 KHz.
If no lightning over QTH, will be there.

Good! CU soon.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13891. Adapter set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-13 02:12:02 UTC
From: dulmagedon@...
Topic: 13891 Message: 13891

If you're still up and around. Going to fire up the adapter set for about a half hour. It is 10:08pm my time. freq 7050 to 7052 depending on traffic. Set has a slight chirp especially the first key down after resting so should be easy to pick out.
Will be sending around 10WPM.
donVe3LYX

13892. Re: [AWA Group] Adapter set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-13 03:08:57 UTC
From: Louis Vermond
Topic: 13891 Message: 13892

11:07 P Did u rise anyone, Don?

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-07-12 10:12 PM
Subject: [AWA Group] Adapter set

If you're still up and around. Going to fire up the adapter set for about a half hour. It is 10:08pm my time. freq 7050 to 7052 depending on traffic. Set has a slight chirp especially the first key down after resting so should be easy to pick out.
Will be sending around 10WPM.
donVe3LYX

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13893. RE: [AWA Group] Adapter set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-13 03:57:01 UTC
From: Mike Feher
Topic: 13891 Message: 13893

It takes more than getting on the air to get a rise out of me. – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, July 12, 2016 11:09 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Adapter set

☐

11:07 P Did u rise anyone, Don?

----- Original Message -----

From: dulmagedon@... [AWAGroup] <mailto:dulmagedon@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2016-07-12 10:12 PM

Subject: [AWA Group] Adapter set

If you're still up and around. Going to fire up the adapter set for about a half hour. It is 10:08pm my time. freq 7050 to 7052 depending on traffic. Set has a slight chirp especially the first key down after resting so should be easy to pick out.
Will be sending around 10WPM.
donVe3LYX

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free. <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13894. RE: [AWA Group] Adapter set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-13 11:17:40 UTC
From: dulmagedon@...
Topic: 13891 Message: 13894

:>) Poor Mike! This too will pass. Would have been fun to work U
No Lou. I did not tonight. The band was fairly quiet but I stayed at it till 11:30. I believe I can eliminate the chirp with a minor modification. (By pass the indicator bulb after tune up) I am going to try and find a 1940s table radio to set it up with. I see them often in Antique shops. Probably even an early AC/DC set with a 50l6 would work well. I tried a bunch of different tubes last night. It really liked the 6y6gt however that isnt one that would normally be found in a home radio.
Speaking of tubes I have an old octal tube battery radio that has a 1C5E tube. I cannot find the pinout for that tube even on Vacuum tube museum. Anyone have it?
Also we were talking last week about the CMS set 4 pin socket. I made the crystal socket for this set exactly as I described in my post. I should have photographed it but I didn't. I used perfboard (Phenolic) to make it and an old wafer socket supplied the contacts.
I can get the rig to operate as high as 7052.9 on the 7050 crystal. I am surpised how well the slug tuned final works for that. Much better then a normal VXO capacitor and opposite. In fact I can get out of the way of W1AW enough to operate without interference by tuning the final slug. I am surprised by that. Enough that one crystal would be quite useable. However I need to find a 7020 FT 243 and perhaps a 7010. There is a net on 7052 sometimes and W1AW right below so the sooner I get away from them the better. Still It works as good as my breadboard 80M station. It is fun to run.
donVE3LYX

13895. Re: [AWA Group] Adapter set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-13 15:31:14 UTC
From: Louis Vermond
Topic: 13891 Message: 13895

No Lou. I did not tonight. The band was fairly quiet but I stayed at it till 11:30.

I believe I can eliminate the chirp with a minor modification. (By pass the indicator bulb after tune up)... Such is a humungous cause of chirp!! Eats up power as well tho great for that '20s sound.

CU, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13896. Re: Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-13 21:23:37 UTC
From: no3m@...
Topic: 11412 Message: 13896

How in the world did that thing sell for $85...

13897. Re: Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-13 21:46:06 UTC
From: no3m@...
Topic: 11412 Message: 13897

How in the world is that rig up to $85 with a minute left?!?

13898. Re: [AWA Group] Re: Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-13 21:48:35 UTC
From: Louis Vermond
Topic: 11412 Message: 13898

Too high? Too low?

----- Original Message -----
From: no3m@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-07-13 5:46 PM
Subject: [AWA Group] Re: Ebay alert -

How in the world is that rig up to $85 with a minute left?!?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13899. Re: [AWA Group] Adapter set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-13 22:04:44 UTC
From: dulmagedon@...
Topic: 13891 Message: 13899

Whatever. I know from actual testing contrary to opinions that the real power loss could probably not be measured on conventional equipment as it is quite minor however this particular bulb only lit on long dahs and when it lights resistance changes the most causing a slight whoop at the first key down. I am out of the good old ones. Still a bulb is a very very effective tuning device and much easier to hide then a meter. Pip said slight chirp in his signal report. I take that as minor. Anyway it is gone now. Only used when tuning. Gives more stealth. Brought an old late 1930s battery radio (Octal 1 series tubes) up with a final tube that works in this adapter. Took pictures as we took the completely hidden adapter and antenna out of my shoes and pulled the tube, popped in the crystal and plugged in the set. Then I hooked up a hand made wooden CW key and antenna. Then XYL timed me. From when she said go to the radio back to normal and everything unhooked from the adapter and the crystal hidden in my pocket was exactly 30 seconds. I had figured perhaps a couple of minutes . I am liking it better every minute.
donVe3LYX

13900. Re: [AWA Group] Re: Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-13 22:25:54 UTC
From: Eric NO3M
Topic: 11412 Message: 13900

Seems high, but I suppose to build something cheaper means either having the parts in the junkbox or finding deals at a hamfest... which I have noticed over the last couple years is getting harder and harder.

The local hamfests used to be gold mines for parts. Now, nobody is bringing stuff like that and you really have to dig deep or get lucky. Things like variable caps, DC ammeters, standoffs, coil stock, etc.

On 07/13/2016 05:48 PM, 'Louis Vermond' ldvermond@...
[AWAGroup] wrote:
>
> □
>
> Too high? Too low?
>

13901. Re: [AWA Group] Re: Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-13 22:34:45 UTC
From: Louis Vermond
Topic: 11412 Message: 13901

Thank you, Eric.

Now, nobody is bringing stuff like that and you really have to dig deep or get lucky. Things like variable caps, DC ammeters, standoffs, coil stock, etc. Sellers need room in the car for the computer junk.

----- Original Message -----
From: Eric NO3M no3m@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-07-13 6:25 PM
Subject: Re: [AWA Group] Re: Ebay alert -

Seems high, but I suppose to build something cheaper means either having the parts in the junkbox or finding deals at a hamfest... which I have noticed over the last couple years is getting harder and harder.

The local hamfests used to be gold mines for parts. Now, nobody is bringing stuff like that and you really have to dig deep or get lucky. Things like variable caps, DC ammeters, standoffs, coil stock, etc.

On 07/13/2016 05:48 PM, 'Louis Vermond' ldvermond@sympatico.ca [AWAGroup] wrote:

☐

Too high? Too low?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13902. RE: [AWA Group] Re: Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-14 00:27:37 UTC
From: Carl Nord
Topic: 11412 Message: 13902

What thing?

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, July 13, 2016 5:24 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: Ebay alert -

How in the world did that thing sell for $85...

13903. Re: [AWA Group] Adapter set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-14 10:44:55 UTC
From: dulmagedon@...
Topic: 13891 Message: 13903
Attachments: 1 described; binary payloads are missing from this source WARC

Here is one unrestored example of a radio from back in the day that will take this adapter. It took about three minutes to turn the set around on the table, remove the audio tube, plug the tube into the adapter and plug the adapter into the radio's tube socket, take crystal out of pocket and insert into adapter, attach hand made wooden CW key and clip antenna lead to ariel. All that would be left is turn on set, allow warm up and send away. I was talking to my brother. He has my Grandmother's old Radio. The only one she ever owned and it has a 7AC pinout final tube as well so we are going to try it on it when he returns from his trip in Monday. If it still works we will try the adapter and see if we cant get a QSO with someone. If you think Doesn't look like much. Doesn't look like a transmitter, in this case that is a good thing. XYL says it needs paint. She suggested a soft brown would make it even easier to hide. Would also make a good first rig.
donVE3LYX

13904. Re: RE: [AWA Group] Re: Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-14 16:02:53 UTC
From: N3IBX
Topic: 11412 Message: 13904

I second that!
Joe N3IBX?
?
?;
On 07/13/16, 'Carl Nord' chnord@... [AWAGroup] wrote:
?
?

What thing?
?
Carl Nord
WA1KPD
?
From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, July 13, 2016 5:24 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: Ebay alert -
?
?
How in the world did that thing sell for $85...

13905. RE: RE: [AWA Group] Re: Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-14 16:11:11 UTC
From: Mike Feher
Topic: 11412 Message: 13905

I sent out an eBay alert a week ago. You guys need to read the posts so you know what is going on. 73 – Mike

http://www.ebay.com/itm/ANTIQUE-5W-160M-HARTLEY-6AS7-HAM-RADIO-TUBE-CW-TRANSMITTER-1932-QST-/262513370219?

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, July 14, 2016 12:03 PM
To: AWAGroup@yahoogroups.com
Subject: Re: RE: [AWA Group] Re: Ebay alert -

I second that!

Joe N3IBX

On 07/13/16, 'Carl Nord' chnord@... [AWAGroup]<AWAGroup@yahoogroups.com> wrote:

What thing?

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, July 13, 2016 5:24 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: Ebay alert -

How in the world did that thing sell for $85...

13906. Re: [AWA Group] Re: Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-14 16:12:00 UTC
From: N1BUG
Topic: 11412 Message: 13906

Third! I have no idea what thing is being discussed. I guess it must refer back to some post I missed, didn't pay attention to, or (quite likely) just plain forgot!

Paul, aka Bugsy
N1BUG

On 07/14/2016 12:02 PM, N3IBX N3IBX@... [AWAGroup] wrote:

I second that!

Joe N3IBX

On 07/13/16, 'Carl Nord' chnord@... [AWAGroup] wrote:

What thing?

Carl Nord

WA1KPD

13907. RE: [AWA Group] Adapter set [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-14 13:48:23 UTC
From: Mike Feher
Topic: 13891 Message: 13907

Don –

Does the receiver still work with the adaptor plugged in? In other words, does the TX tube also act as the audio output tube? 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, July 14, 2016 6:45 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Adapter set [1 Attachment]

Here is one unrestored example of a radio from back in the day that will take this adapter. It took about three minutes to turn the set around on the table, remove the audio tube, plug the tube into the adapter and plug the adapter into the radio's tube socket, take crystal out of pocket and insert into adapter, attach hand made wooden CW key and clip antenna lead to ariel. All that would be left is turn on set, allow warm up and send away. I was talking to my brother. He has my Grandmother's old Radio. The only one she ever owned and it has a 7AC pinout final tube as well so we are going to try it on it when he returns from his trip in Monday. If it still works we will try the adapter and see if we cant get a QSO with someone. If you think Doesn't look like much. Doesn't look like a transmitter, in this case that is a good thing. XYL says it needs paint. She suggested a soft brown would make it even easier to hide. Would also make a good first rig.
donVE3LYX

13908. Re: [AWA Group] Re: Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-14 16:42:36 UTC
From: N1BUG
Topic: 11412 Message: 13908

And we have a winner! Just plain forgot I saw it. :-(

On 07/14/2016 12:11 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

I sent out an eBay alert a week ago. You guys need to read the posts so you know what is going on. 73 – Mike

http://www.ebay.com/itm/ANTIQUE-5W-160M-HARTLEY-6AS7-HAM-RADIO-TUBE-CW-TRANSMITTER-1932-QST-/262513370219?

13909. RE: [AWA Group] Re: Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-14 16:45:25 UTC
From: Mike Feher
Topic: 11412 Message: 13909

I have been forgetting a lot of things lately Paul, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, July 14, 2016 12:43 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: Ebay alert -

And we have a winner! Just plain forgot I saw it. :-(

On 07/14/2016 12:11 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

I sent out an eBay alert a week ago. You guys need to read the posts so you know what is going on. 73 – Mike

http://www.ebay.com/itm/ANTIQUE-5W-160M-HARTLEY-6AS7-HAM-RADIO-TUBE-CW-TRANSMITTER-1932-QST-/262513370219?

13910. Re: RE: [AWA Group] Re: Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-14 18:32:36 UTC
From: Louis Vermond
Topic: 11412 Message: 13910

It's summer, Mike!

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-07-14 12:11 PM
Subject: RE: RE: [AWA Group] Re: Ebay alert -

I sent out an eBay alert a week ago. You guys need to read the posts so you know what is going on. 73 – Mike

http://www.ebay.com/itm/ANTIQUE-5W-160M-HARTLEY-6AS7-HAM-RADIO-TUBE-CW-TRANSMITTER-1932-QST-/262513370219?

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@...m]
Sent: Thursday, July 14, 2016 12:03 PM
To: AWAGroup@yahoogroups.com
Subject: Re: RE: [AWA Group] Re: Ebay alert -

I second that!

Joe N3IBX

On 07/13/16, 'Carl Nord' chnord@... [AWAGroup]<AWAGroup@yahoogroups.com> wrote:

What thing?

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, July 13, 2016 5:24 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: Ebay alert -

How in the world did that thing sell for $85...

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13911. RE: [AWA Group] Re: Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-14 18:49:44 UTC
From: Carl Nord
Topic: 11412 Message: 13911

Mike

With all due respect, there are many posts that go out as “eBay alert”.

Having someone use that in the subject line and referring only to the items selling price does not add anything. Would suggest that people add in the original link or reference the item in some matter

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, July 14, 2016 12:43 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: Ebay alert -

And we have a winner! Just plain forgot I saw it. :-(

On 07/14/2016 12:11 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

I sent out an eBay alert a week ago. You guys need to read the posts so you know what is going on. 73 – Mike

http://www.ebay.com/itm/ANTIQUE-5W-160M-HARTLEY-6AS7-HAM-RADIO-TUBE-CW-TRANSMITTER-1932-QST-/262513370219?

13912. RE: RE: [AWA Group] Re: Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-14 19:01:23 UTC
From: Mike Feher
Topic: 11412 Message: 13912

Oh, since I retired almost 3 months ago, I usually do not even know what day it is. -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, July 14, 2016 2:33 PM
To: AWAGroup@yahoogroups.com
Subject: Re: RE: [AWA Group] Re: Ebay alert -

☐

It's summer, Mike!

----- Original Message -----

From: 'Mike Feher' n4fs@eozinc.com [AWAGroup] <mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2016-07-14 12:11 PM

Subject: RE: RE: [AWA Group] Re: Ebay alert -

I sent out an eBay alert a week ago. You guys need to read the posts so you know what is going on. 73 – Mike

http://www.ebay.com/itm/ANTIQUE-5W-160M-HARTLEY-6AS7-HAM-RADIO-TUBE-CW-TRANSMITTER-1932-QST-/262513370219?

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, July 14, 2016 12:03 PM
To: AWAGroup@yahoogroups.com
Subject: Re: RE: [AWA Group] Re: Ebay alert -

I second that!

Joe N3IBX

On 07/13/16, 'Carl Nord' chnord@... [AWAGroup]<AWAGroup@yahoogroups.com> wrote:

What thing?

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, July 13, 2016 5:24 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: Ebay alert -

How in the world did that thing sell for $85...

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free. <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13913. RE: [AWA Group] Re: Ebay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-14 19:04:25 UTC
From: Mike Feher
Topic: 11412 Message: 13913

Carl –

When I made the initial post, the auction was just starting. Also, I hardly ever make an :Ebay alert" post. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, July 14, 2016 2:50 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Re: Ebay alert -

Mike

With all due respect, there are many posts that go out as "eBay alert".

Having someone use that in the subject line and referring only to the items selling price does not add anything. Would suggest that people add in the original link or reference the item in some matter

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, July 14, 2016 12:43 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: Ebay alert -

And we have a winner! Just plain forgot I saw it. :-(

On 07/14/2016 12:11 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

I sent out an eBay alert a week ago. You guys need to read the posts so you know what is going on. 73 – Mike

http://www.ebay.com/itm/ANTIQUE-5W-160M-HARTLEY-6AS7-HAM-RADIO-TUBE-CW-TRANSMITTER-1932-QST-/262513370219?

13914. RE: [AWA Group] Adapter set [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-14 19:22:59 UTC
From: dulmagedon@...
Topic: 13891 Message: 13914

No, All the adapter does is access B+ (pin 3 and Pin 8 for B- . 2 and 7 for heater of course but no grid (pin 5), no screen (pin 4). so there is no signal coming from the radio to the TX. Also i built an RF choke in the Bplus just to be sure and everything it well bypassed as well. I stole screen voltage from the plate in my usual fashion. (25K resistor by passed to grnd at both ends)
Funny you ask now. When I took the pictures that old radio wasn't functional but it was raining here and the XYL had a WI meeting so I went at it replacing all the rotted power cables (it is a battery radio) with some period correct wire I had here on an old lamp. I proofed the B+ to each tube. The switch B connection was not good (high resistance) so I resoldered it and it came into spec. (zero ohms) . I clip leaded the B battery circuit to my regens 90 volt pack and took a single D cell to run the 1.5 volt tubes figuring it would be good for a couple of minutes at least. Tuned the dial to 800 where our local radio station is and turned it on. Worked fine. So now the moment of truth. Up till now I had been running the Adapter on my light duty bench supply as all my power supplies are wired with octal socketry and the 7AC pinout anyway. Would it actually work especially with this set and a battery powered tube with the same pinout but directly heated.(1C5E) So I unplugged the tube, plugged in the adapter and put the tube in it. The key and Antenna were already hooked up as I have used the little rig a lot in the last few days. I pressed the key and heard it in the monitor receiver right away. Does it work as advertised? As a matter of fact yes.
donVe3LYX

13915. eBay alert 5W-160M-HARTLEY-6AS7-HAM-RADIO-TUBE-CW-TRANSMITTER-1932-QST

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-14 20:15:05 UTC
From: Louis Vermond
Topic: 13915 Message: 13915

http://www.ebay.com/itm/ANTIQUE-5W-160M-HARTLEY-6AS7-HAM-RADIO-TUBE-CW-TRANSMITTER-1932-QST-/262513370219?nma=true&si=URcDLjqJ1c0U1YAkIZa0XkybHSU%253D&orig_cvip=true&rt=nc&_trksid=p2047675.l2557

How's this, Carl?

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13916. Re: [AWA Group] Adapter set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-14 20:52:05 UTC
From: Larry Szendrei
Topic: 13891 Message: 13916

On 7/14/16 3:22 PM, dulmagedon@... [AWAGroup] wrote:
>
> No, All the adapter does is access B+ (pin 3 and Pin 8 for B- . 2 and
> 7 for heater of course but no grid (pin 5), no screen (pin 4). so
> there is no signal coming from the radio to the TX.
>

You could, if you had the space in the box, add a 4PST switch for T/R - one pole to switch the screen circuit, one for the plate circuit, one for the grid circuit, and one for antenna switching. That way the tube would be in it's normal connection as an audio amp in the receive position of the switch, and would be your power oscillator in the other position. You could probably get away with leaving the cathode circuits for TX and RX connected in parallel, depending on the oscillator circuit.

In most, but not all communications receivers of the era, the Hi-Z headphone output is between the 1st audio and output stages, so you'd still have headphone receive without the above complications, anyway.

This discussion is only pertinent, of course if the "host" receiver is capable of receiving on the operating frequency, and has at least a BFO for receiving CW. I'm thinking at least a Hally Sky Buddy, for example.

> Also i built an RF choke in the Bplus just to be sure and everything
> it well bypassed as well. I stole screen voltage from the plate in my
> usual fashion. (25K resistor by passed to grnd at both ends).
>

25K sounds high - you're probably leaving some potential RF output power "on the table." If you don't mind, that's fine. But if it were me I'd fine-tune the value for the typical 6F6 or 6V6 at the applied voltage, measuring screen voltage and current while it was oscillating and tweeking the resistor so that your screen dissipation is just below the maximum spec. listed in the tube manual. The same resistor value would probably be close enough to work with other tubes/sets as well - such as your battery set.
>
> Funny you ask now. When I took the pictures that old radio wasn't
> functional but it was raining here and the XYL had a WI meeting so I
> went at it replacing all the rotted power cables (it is a battery
> radio) with some period correct wire I had here on an old lamp. I
> proofed the B+ to each tube. The switch B connection was not good
> (high resistance) so I resoldered it and it came into spec. (zero ohms
>) . I clip leaded the B battery circuit to my regens 90 volt pack and
> took a single D cell to run the 1.5 volt tubes figuring it would be
> good for a couple of minutes at least. Tuned the dial to 800 where our

> local radio station is and turned it on. Worked fine.
>

Good! Another doorstop transformed back to it's original purpose!
>
> So now the moment of truth. Up till now I had been running the Adapter
> on my light duty bench supply as all my power supplies are wired with
> octal socketry and the 7AC pinout anyway. Would it actually work
> especially with this set and a battery powered tube with the same
> pinout but directly heated.(1C5E) So I unplugged the tube, plugged in
> the adapter and put the tube in it. The key and Antenna were already
> hooked up as I have used the little rig a lot in the last few days. I
> pressed the key and heard it in the monitor receiver right away. Does
> it work as advertised? As a matter of fact yes.
>

Good deal, Don. I think it's a very cool project.

73,
-Larry/NE1S

13917. Flying in Style - way back when

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-15 00:02:51 UTC
From: Louis Vermond
Topic: 13917 Message: 13917
Attachments: 15 described; binary payloads are missing from this source WARC

de Rich KC9GQ

Flying Aboard The Handley Page HP-42. Imperial Airways 1931 to 1939.

What flying was like around 80 years ago. No in flight-movies, no wi-fi connection and worse of all no pretty stewardesses, how did they make a go of this?

Flying the airlines in the thirties was a lot more fun than it is now. It was more leisurely and had more class. If people had serious money in the 1930s and travelled internationally, they may well have flown on one of these large (130 foot wingspan) Handley Page bi-plane aircraft, which were the mainstay of British Imperial Airways at the time. They carried 26 passengers in first class only, in three different compartments. The first class saloon, the bar and cocktail area, and the smoking section.

These machines were ubiquitous, extremely safe (no passenger in a HP-42 was ever killed in 10 years of international and domestic operations from 1930 until 1940), very comfortable in seating, leg room and service, hot meals were served on bone china with silver cutlery, free liquor flowed, overnights were in the very best hotels. There was no rush, no waiting in lines and everyone was well dressed.

Flying along at a few thousand feet, one could see, (down to the quality of the washing on the backyard clothes lines) every interesting feature passing below. At 95 to 100 mph. one also had time to look at the passing panorama. It took four days to a week (depending on headwinds and weather) to fly from London to Cape Town, South Africa by only flying about four hours a day, staying at the best hotels in Europe, Cairo, Khartoum and the Victoria Falls.

No airline passenger was ever killed in one of these machines - in 10 years of service. They flew all over the UK and Europe and down to South Africa on a regular basis. They also conducted regular services to India via many places en-route.

There were occasions, flying down to Cape Town, when the strong headwinds from the south reduced the ground speed to such an extent that the crew turned the machine around. They flew back to their point of departure and sat it out in the hotel.

The ac looks like the tail is going to fall off with the slightest bit of turbulence.

A 1930 flying magazine's view of the new HP-42 airliner. Note crew member as the radio operator.
The Bristol Jupiter engines were initially 450 hp and later bumped up to 550.

The crew. The Captain, almost certainly, would have flown in the First World War.

Imperial Airways advertisement of the day.

Khartoum , Sudan. Boarding for the flight south. Only one more overnight and then they will be taking in the sights of Lake Victoria.

There was only one class; First Class. This is the forward saloon. Note the gentleman's pith helmet in the rack. Airspeed indicator and altitude displays - as in modern jets - are on the bulkhead.

All engines running and the Captain not at the controls?

Cabin of a Handley Page HP-42. 1931. British Imperial Airways.

The cockpit of a Handley Page HP-42 airliner. London, 1931. No powered controls here.

HP-42 airliner ready for a night flight. London's Croydon aerodrome, 1931.

HP-42s at Croydon. Part of the Co-Pilot's duties was to stow the flag before take-off. The Bristol Jupiter engines are warming up.

HP-42 over London. Cruise speed was 100 mph or 87 knots. Maximum speed was 120mph or 104knots.
.

A KLM DC-2 and an Imperial Airways HP-42 at Croydon, 1933.

Imperial Airways at Cairo. 1932. Note the refueling equipment, including the ladders resting on the upper engines. Note, also, the modest terminal building.

RAF Hendon Airport, London, 1937. Royalty arrives. King George VI, centre, and Queen Elizabeth on aircraft's steps.

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13918. Re: [AWA Group] Re: Adapter Nut

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-15 00:14:45 UTC
From: Louis Vermond
Topic: 13832 Message: 13918
Attachments: 1 described; binary payloads are missing from this source WARC

Oluf Reed Olsen.

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13919. RE: [AWA Group] eBay alert 5W-160M-HARTLEY-6AS7-HAM-RADIO-TUBE-CW-TRANSMITTER-1932-QST

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-15 01:02:55 UTC
From: Carl Nord
Topic: 13915 Message: 13919

Thank you Lou!

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, July 14, 2016 4:15 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] eBay alert
5W-160M-HARTLEY-6AS7-HAM-RADIO-TUBE-CW-TRANSMITTER-1932-QST

☐

<http://www.ebay.com/itm/ANTIQUE-5W-160M-HARTLEY-6AS7-HAM-RADIO-TUBE-CW-TRANSMITTER-1932-QST-/262513370219?nma=true&si=URcDLjqJ1c0U1YAkIZa0XkybHSU%253D&orig_cvip=true&rt=nc&_trksid=p2047675.l2557> http://www.ebay.com/itm/ANTIQUE-5W-160M-HARTLEY-6AS7-HAM-RADIO-TUBE-CW-TRANSMITTER-1932-QST-/262513370219?nma=true&si=URcDLjqJ1c0U1YAkIZa0XkybHSU%253D&orig_cvip=true&rt=nc&_trksid=p2047675.l2557

How's this, Carl?

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free. <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

13920. Re: [AWA Group] Adapter set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-15 01:23:10 UTC
From: dulmagedon@...
Topic: 13891 Message: 13920

Well it isn't my idea. It was used at the first of German intelligence gathering. I searched as much as I could find. Found they were hand built by former ham operators and not necessarily alike in circuit although function is the same. When I look at the tubes and consder the host sets that will take it as a striaght plug in it amazes me. For instance any set with a final , 1C5E,6W6 6F6 6y6 6V6 6L6 6K6 1622, 12L6 25L6, 35L6 50L6 50C6 and that is probably just the main ones I realized the number of sets that this adapter would work in is huge. I 1936 to 1941 one would have little trouble finding a host set. I am hesitant to optimize for the good tubes because I want to maintain the versatility and power out is suffcient to be practical as proved by the contact with "Pip' WB4FDT. 25K is sort of my working standard for these beam power tubes. However if one so desired it could be done. The RX presents several problems as you have addressed. I don't think they worried about receiving but simply delivered the report using the specified freq or crystal. Since the mission did not change it was possible to operate this way. I am surprised it works as well as it does. I intend to research further. Thomas gave me some reading hints. As did Jim K.(KRIS) There was also a movie Kontact but so far I can't find a source for it.
I think the strong point of the adapter set is its ability to be used without any changes on a large number of home radios or amplifiers. One can be on the air in a matter of minutes. No need to bring a tube or worry about correct power supply or connections. Plug n play if you will.
I am looking forward to trying it on my brothers radio he got from Grandma. He says it has a 50L6 (Joe has dealt with him (Dan) before) Interesting Grandma's parents came to Canada from Germany just before WW1. Grandma still spoke German often even though she was born here. She taught me to count in it. However she raised a brood of loyal Canadians . Three boys joined up and spent the war overseas welding up holes in tanks etc. And two daughters were successful in the RCAF (Mom and Aunt May) Uncle Mark and his crew of fitters/ welders captured a German tank during the war. Uncle Mark brought home the NAzi flag from it when he returned at the end of the WAR. I heard the story many times but Grandma said it was dirty and smelly. So she washed it and hung it on the clothline in Kitchener Ontario. The neighbours went beserk. And in case you didn't know Kitchener was before the war called Berlin Ontario. So it is only fitting her radio gets the test. Dan says it may need new electrolytics but I have them in stock and ready to go in.
BTW Mark Daniells Jr, Uncle Mark's son works for Car 16 Greg Biffle in nascar if any of you are nascar fans.

13921. [AWA Group] Flying in Style - way back when

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-15 07:03:51 UTC
From: N3IBX
Topic: 13917 Message: 13921

I THOROUGHLY enjoyed the article and pics you sent of the Handley Page HP-42, the partition for the radio op and what it must have been like to travel in first class in the 12930's in a 26 passenger bi-plane. The pic of the cockpit was the bees knees!

Thank you very much for all the work done to send this. It was terrific!

Joe Cro N3IBX

13922. Re: [AWA Group] Adapter set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-15 10:43:56 UTC
From: dulmagedon@...
Topic: 13891 Message: 13922

The receive thing is an interesting thought. It could certainly be done however many sets back then were as you mentioned already Shortwave. As far as earphones the signal is already delivered to the audio final socket at pin 5 (grid) so a pair of hi impedance phones from there to Grd will get you that. Now the BFO thing. My No 19 set which I have used to talk to you several times has MCW which would send CW without needed a BFO rx. I often wondered why they had that on some radios but perhaps that is why. Could be received on a regular household shortwave set. I don't know of German radios had that option on any of their transmitters or not but it would work fine. There is another possiblity but I want to fool with it a bit before I mis-speak. I have my eye open for a late 1930s early 1940s working or repairable household wooden radio with shortwave and will try a couple of things there when I get one. My goal is to set the adapter up as would have been back then as a regular station in my vintage shack and see how that would have faired.
BTW I would like sometime to try the MCW function on my No 19 so if anyone volunteers to listen on an AM RX I would give it a quick shot.
donVE3LYX

13923. Re: Re: [AWA Group] Adapter set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-15 12:49:04 UTC
From: N3IBX
Topic: 13891 Message: 13923

GM Don,
? ? ? ? ? ? ? ?I would hardly be the best one to do a radio check with on MCW with your Wireless Set No 19, but I would be willing to give it a try nonetheless. The distance between us would definitely make it a challenge!

Regarding the condition of my own "Northern Electric" WS No. 19 MkIII, I have yet to find the time to pull it out and debug it to make it operational again as originally stated some time ago. I still have it slated to receive one of those "Roundtuit" things that make all good things happen. At that time I would love to have a W.S. No 19 to W.S. No 19 QSO with you as stated sometime ago.?

Mod-U-Later,
? ? ? ? ? ? ? ? ? ? ? ?Joe Cro N3IBX
?
?
On 07/15/16, dulmagedon@... [AWAGroup] wrote:
?
?

The receive thing is an interesting thought. It could certainly be done however many sets back then were as you mentioned already Shortwave. As far as earphones the signal is already delivered to the audio final socket at pin 5 (grid) so a pair of hi impedance phones from there to Grd will get you that. Now the BFO thing. My No 19 set which I have used to talk to you several times? has MCW which would send CW without needed a BFO rx. I often wondered why they had that on some radios but perhaps that is why. Could be received on a regular household shortwave set. I don't know of German radios had that option on any of their transmitters or not but it would work fine. There is another possiblity but I want to fool with it a bit before I mis-speak. I have my eye open for a late 1930s early 1940s working or repairable household wooden radio with shortwave and will try a couple of things there when I get one. My goal is to set the adapter up as would have been back then as a regular station in my vintage shack and see how that would have faired.
BTW I would like sometime to try the MCW function on my No 19 so if anyone volunteers to listen on an AM RX I would give it a quick shot.
donVE3LYX

13924. Re: [AWA Group] Flying in Style - way back when

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-15 14:01:13 UTC
From: Louis Vermond
Topic: 13917 Message: 13924

GM Joe,

Your are welcome, Joe, but I was only the forwarder. 73, Lou

I THOROUGHLY enjoyed the article and pics you sent of the Handley Page HP-42, the partition for the radio op and what it must have been like to travel in first class in the 12930's in a 26 passenger bi-plane. The pic of the cockpit was the bees knees!

Thank you very much for all the work done to send this. It was terrific!

Joe Cro N3IBX

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13925. Re: Re: [AWA Group] Flying in Style - way back when

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-15 16:00:46 UTC
From: N3IBX
Topic: 13917 Message: 13925

fbom. i found it fascinating Lou, thanks for forwarding it.
Joe?
?
?
On 07/15/16, 'Louis Vermond' ldvermond@sympatico.ca [AWAGroup] wrote:
?
?

☐
GM Joe,
?
Your are welcome, Joe, but I was only the forwarder. 73, Lou
?
?

I THOROUGHLY enjoyed the article and pics you sent of the Handley Page HP-42, the partition for the radio op and what it must have been like to travel in first class in the 12930's in a 26 passenger bi-plane. The pic of the cockpit was the bees knees!

Thank you very much for all the work done to send this. It was terrific!

Joe Cro N3IBX ?

?

(https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient)
Virus-free. www.avast.com (https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient)

13926. Re: Re: [AWA Group] Adapter set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-15 18:26:43 UTC
From: dulmagedon@...
Topic: 13891 Message: 13926

I am counting on that 19 to 19 QSO Joe. Sometime before we hit the sod.
As for the MCW test what time of day and freq would work for you?
I am thinking about 9PM on 7105kcs. I would keep it real short . Just to see if it is possible.
So let me know what time and freq works for you if not this one.
donVe3LYX

13927. Re: [AWA Group] Adapter set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-16 00:38:40 UTC
From: w0vlz@...
Topic: 13891 Message: 13927

ARRL/QST published a transmitter project along these lines in the Dec '46 issue. It was a 6L6 or 6V6 oscillator powered from the rcvr AF socket and using the rcvr 6L6/6V6 AF output tube. The claim was that many SW rcvrs of the time took the headphone output before the final AF tube so when using headphones the tube is not missed.

The ARRL version is built up using slatboard/popsickle stick chassis like this one: http://www.nt9k.com/image/slatboarda.jpg http://www.nt9k.com/image/slatboarda.jpg rather than a metal chassis.

73
Niel - W0VLZ

13928. Re: [AWA Group] Adapter set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-16 03:09:26 UTC
From: dulmagedon@...
Topic: 13891 Message: 13928

Thank you Neil for several reasons.
donVe3LYX

13929. Too Many Radios?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-16 04:58:10 UTC
From: Steve
Topic: 13891 Message: 13929

The next time your xyl complains about you having too many radios, have her look at this place:

https://www.qrz.com/db/W9EVT

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

13930. Re: [AWA Group] Adapter set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-16 10:53:35 UTC
From: dulmagedon@...
Topic: 13891 Message: 13930

To go further. I knew somewhere in my memory I had read you could steal from a RX and borrow the tube so when I saw and read of the adapter sets I knew it should work. After you posted this I dug out an old 1948 ARRL handbook to see if that is where I once saw it. It was. In fact i suspect it is the same article your refer to. It doesn't say a lot about it but does offer it as a practical method of power and mentions the earphone thing. All in one paragraph. Anyway that should lay to rest the question of if it will work (which always confuses me anyway. When something IS working why do folks question IF it will work?) Anyway, aside from any clandestine ops the basic concept would also have made a great "first RIG". I am now on the prowl for a 1930s Broadcast with SW set with a suitable output tube.(7AC or 7S pinout) The radio I tested it on yesterday is a CGE H4B made in 1938 so it is period correct. It has been for me a very interesting project. Thanks for the info. donVe3LYX

13931. Re: [AWA Group] Adapter set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-17 10:35:20 UTC
From: dulmagedon@...
Topic: 13891 Message: 13931

I was driving by an antique shop and stopped in just in case they had a SW old wooden radio. They did not but saw something strange that I have been thinking about ever since. A fish hook and fishing line would around a thin piece of wood except the fishing line was solid copper and there was quite a length of it. Maybe that isnt unusual although when younger I used to do a lot of that type of fishing and I never saw solid copper fishing line back then. Whatever the case may be would be a great way to hide a very good long wire antenna. The store also had some Mil Amp meters. Two in particular which were 0 to 10ma and one case mounted which was 0 to 150ma. I didn't have my "mad money" (they don't do plastic) with me but it is only a few minutes away so I will go back and get them. I was thinking about Lou's comment that the stuff is getting harder to come by so I think the meters would be worth having. Price was right. The fishing line and hook will go to my Spy station set up.
donVe3LYX

13932. Location of antenna coupler

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-18 11:27:23 UTC
From: aflowers@frontiernet.net
Topic: 13932 Message: 13932

Does it make any difference in a loose-coupled Hartley if I couple the antenna coil at the plate end vs. the grid end? I don't think it does since the magnetic field should be symmetrical, but I thought I would ask. (I'm keeping the B+ off the coil with a blocking cap.)
Thanks!
Andy K0SM/2

13933. Re: [AWA Group] Location of antenna coupler

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-18 16:15:01 UTC
From: Larry Szendrei
Topic: 13932 Message: 13933

On 7/18/16 7:27 AM, 'aflowers@...' aflowers@...
[AWAGroup] wrote:
> Does it make any difference in a loose-coupled Hartley if I couple the
> antenna coil at the plate end vs. the grid end? I don't think it does
> since the magnetic field should be symmetrical, but I thought I would
> ask. (I'm keeping the B+ off the coil with a blocking cap.)
>
> Thanks!
>
> Andy K0SM/2

With link coupling the idea is to have all inductive coupling with as-little-as-possible capacitive coupling. This is why if there is an RF "cold" side of the tank coil, that is where the coupling link is usually placed. In the case of the Hartley in it's usual transmitter configuration neither end of the coil is "cold" for RF*, so to minimize capacitive coupling you'd want to choose the end with the lower RF voltage. I'd test both ends of the tank coil with a neon bulb and choose the end where the neon bulb is dimmer.

*In local oscillator and regenerative receiver applications it is typical to have the plate side of the tank inductor grounded, with the cathode tap and grid side at RF. I have not seen this configuration for transmitters, where it is common to have the cathode tap at RF ground (if not DC ground as well). I don't know if there is a good reason for this convention (?). If a tube with a directly-heated cathode is used, doing this would require RF chokes in each filament lead to be able to "float" the cathode circuit at RF.

73,
-Larry/NE1S

13934. Re: Adaptor Set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-19 00:34:53 UTC
From: JAMES HANLON
Topic: 13934 Message: 13934

Don,

You wrote, "To go further. I knew somewhere in my memory I had read you could steal from a RX and borrow the tube so when I saw and read of the adapter sets I knew it should work. After you posted this I dug out an old 1948 ARRL handbook to see if that is where I once saw it. It was. In fact i suspect it is the same article your refer to. It doesn't say a lot about it but does offer it as a practical method of power and mentions the earphone thing. All in one paragraph. Anyway that should lay to rest the question of if it will work (which always confuses me anyway. When something IS working why do folks question IF it will work?) Anyway, aside from any clandestine ops the basic concept would also have made a great "first RIG". I am now on the prowl for a 1930s Broadcast with SW set with a suitable output tube.(7AC or 7S pinout) The radio I tested it on yesterday is a CGE H4B made in 1938 so it is period correct. It has been for me a very interesting project. Thanks for the info. donVe3LYX "

I have a Howard 436A on my bench right now - I was getting it ready to put it on ebay. (I'm going on 78 and I promised my good wife that I wouldn't leave her with a bunch of boatanchor radios to get rid of when I kick the bucket.) It might be the "1930s Broadcast with SW set with a suitable output tube" that you are looking for. The tube lineup is a 6SK7 RF, 6SA7 converter, 6SK7 IF amp (one, with "iron core" transformers), 6SQ7 detector, AVC, and first audio, 6J5 bfo, 6K6 audio output (7S pinout), 6H6 noise limiter, 6J5 bfo, and 5Y3G rectifier. It tunes from .54 to 43 MHz in four bands, and it has uncalibrated bandspread. It has an internal speaker, about 6", mounted in the top of the cabinet. When I first got it I added an IF Gain control which made it much easier to use on CW and SSB - it originally came with only an audio gain control and the RF and IF stages ran with maximum gain all the time with the AVC turned off. I just finished aligning it. It works well on the lower three bands and OK on the top band, but it is less sensitive there than on the lower bands - no big surprise. All of the tubes test good on my Hickok tester - I replaced the original 6SQ7 with a NOS one from AES. The headphone jack is fed from the output transformer, but if you wanted to use the RX with your Adaptor Set you could rewire it to take headphone output from the 6SQ7 stage. The cabinet finish is "rough." Someone masked off the control markings and the Howard logo and painted the cabinet gray. You could strip it if you want, and I think you can find a set of control markings on the internet for a Howard 436A. Also there is a vertical crack in the dial "glass." It's a piece of polystyrene and I just painted a little MRK over the crack which seems to have wicked into it and partially fused it. Raymond Moore's book, Communications Receivers, dates it to 1941 - 42.

If it sounds interesting I can send you some pictures. It's currently out of the cabinet, so I can show you what the chassis looks like.

Jim Hanlon, W8KGI
w8kgi@...

13935. Re: Location of antenna coupler

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-18 20:04:30 UTC
From: dulmagedon@...
Topic: 13932 Message: 13935

Andy, I use often an RF sniffer to find the sweet spot. A loop of wire feeding a Christmas tree bulb or pilot lamp. I install it both end or near the middle and move it around to get the best glow. Sometimes I am surprised. It leaves no question though where the best spot is and takes only a couple of minutes.
donVe3LYX

13936. Re: Adaptor Set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-19 02:48:31 UTC
From: dulmagedon@...
Topic: 13934 Message: 13936

I appreciate the offer. I wish to have a stock unmodified set if possible. As a spy would have found in his boarding house. That was my plan anyway. The other big difficulty is shipping. I see them often here at antique or junk shops. I let a few get by this year even as until this last week or so I had no need of one. However I am saving your email in case I come up dry. I passed one up at an antique store north of Belleville a few days before we went to Holland. The fellow was down to $50 on it. I just went there today. He wasn't there but his wife said they sold it on the weekend. I know where there is a floor model I can get for asking although I may have to fix one of his to get it but I am hoping for a tombstone model. However yours would work for sure.
I am thinking.....
donVe3LYX

13937. Re: Adaptor Set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-20 18:45:56 UTC
From: dulmagedon@...
Topic: 13934 Message: 13937

I borrowed my Grandma's old table radio from my brother who she gave it to. I had to recap the PSU but it is a typical big tube AC/ DC set. Final is a 50L6 so fter fixing it and making sure it would work good for Dan I popped the final into the adapter set and plugged the adapter set into Grannys Addison .9Addison is a Canadian make from back then. It is so Canadian it even had original Robertson screws, eh?. I had to retune the final on the adapter about a 1/2 turn from what the 6v6 liked but it took off and had good power and good sound on the monitor. So I have now had a 1C5E (1.5 volt tube) A 6v6 (6 volt tube) and a 50L6 9 (a 50 volt tube) all working on the same adapter with no mods whatsoever to the host set. No worries about voltage as it is automatically right but just minor tweak in the tank circuit to compensate for differences in the tubes. Dan has a big floor model late thirties short wave set. It quit a few years ago. I will take a peak at it. If it isn't a transformer but something reasonable I will fix it and see if I can manage a QSO using it, my pre final headphone jack on the adapter set.
donVe3LYX

13938. RE: [AWA Group] Re: Adaptor Set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-20 19:23:32 UTC
From: Mike Feher
Topic: 13934 Message: 13938

I can just imagine your parents with a Dan and a Don, especially when they got mad, HI. My two sons are Adam (39 now) and Andy (34 now) and I mixed them up lots of times yelling at them. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, July 20, 2016 2:46 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: Adaptor Set

I borrowed my Grandma's old table radio from my brother who she gave it to. I had to recap the PSU but it is a typical big tube AC/ DC set. Final is a 50L6 so fter fixing it and making sure it would work good for Dan I popped the final into the adapter set and plugged the adapter set into Grannys Addison .9Addison is a Canadian make from back then. It is so Canadian it even had original Robertson screws, eh?. I had to retune the final on the adapter about a 1/2 turn from what the 6v6 liked but it took off and had good power and good sound on the monitor. So I have now had a 1C5E (1.5 volt tube) A 6v6 (6 volt tube) and a 50L6 9 (a 50 volt tube) all working on the same adapter with no mods whatsoever to the host set. No worries about voltage as it is automatically right but just minor tweak in the tank circuit to compensate for differences in the tubes. Dan has a big floor model late thirties short wave set. It quit a few years ago. I will take a peak at it. If it isn't a transformer but something reasonable I will fix it and see if I can manage a QSO using it, my pre final headphone jack on the adapter set.
donVe3LYX

13939. RE: [AWA Group] Re: Adaptor Set

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-21 00:27:28 UTC
From: dulmagedon@...
Topic: 13934 Message: 13939

Adam and Andy would be a handful. Actually in my family it is
Ron, Don, Dave & Dan, Rae and Ruth. Dave and Dan are twins and never to my recollection got in any trouble.
Rae was the youngest for a long time and lived a charmed life. Ruth of course is perfect being much younger then the rest of us and the only girl. Ron was the fair haired boy so in reality only one got yelled at on a regular basis and I think you know him. Probably why I still have such a short fuse.
Dan and Joe N3IBX have had some contact a few years back as they both have the same SW RX in their collections.
donVe3LYX

13940. Where to put the plate choke?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-22 12:29:54 UTC
From: aflowers@frontiernet.net
Topic: 13940 Message: 13940

I'm trying to figure out where to mount the RFC on the B+ in a shunt-fed Hartley under 10 MHz.
I think in general its better to have the RFC mounted relatively close to the plate connection on the tube. The design I'm looking at has the plate current meter between this RFC and the tube and given the physical layout this means that there would be several inches of wire between the RFC an the plate of the oscillator tube. I'm guessing I should prefer to have the RFC close to the tube to keep RF from modulating the DC plate supply.
Can anyone offer any advice about the physical location of the RFC?
Thanks,
Andy K0SM/2

13941. eBay Alert Hammarlund

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-22 14:00:35 UTC
From: Louis Vermond
Topic: 13941 Message: 13941

http://www.ebay.com/itm/p-5-Pin-Plug-in-Coil-Form-NOS-/112064640134?nma=true&si=ldtEIPpm74FP0LSxc7YbLcg%252Fo24%253D&orig_cvip=true&rt=nc&_trksid=p2047675.l2557

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13942. Re: eBay Alert Hammarlund

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-22 14:10:25 UTC
From: Thomas Höppe
Topic: 13941 Message: 13942

I bought 3 of them for the CMS transmitter replica. Very nice items, and very fast delivered.

Tom

13943. Re: [AWA Group] Where to put the plate choke?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-22 15:48:55 UTC
From: Larry Szendrei
Topic: 13940 Message: 13943

On 7/22/16 8:29 AM, 'aflowers@...' aflowers@...
[AWAGroup] wrote:
> I'm trying to figure out where to mount the RFC on the B+ in a
> shunt-fed Hartley under 10 MHz.
>
> I think in general its better to have the RFC mounted relatively close
> to the plate connection on the tube. The design I'm looking at has
> the plate current meter between this RFC and the tube and given the
> physical layout this means that there would be several inches of wire
> between the RFC an the plate of the oscillator tube. I'm guessing I
> should prefer to have the RFC close to the tube to keep RF from
> modulating the DC plate supply.
>
> Can anyone offer any advice about the physical location of the RFC?
>
>

Andy, I agree that the RFC should be as close to the tube plate
connection as possible. Also, when you said the design you are looking
at has the plate current meter between this RFC and the tube. I think
you mean physically, and not electrically, since the latter would be an
obvious design error and generally bad practice. Physically is bad enough.

73,
-Larry/NE1S

> _,_._,___

13944. Re: [AWA Group] Where to put the plate choke?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-22 16:19:47 UTC
From: aflowers@frontiernet.net
Topic: 13940 Message: 13944

Thanks Larry,
Indeed, the schematic I'm looking at has the meter between the RFC and the plate, electrically. I probably shouldn't surprise us that bad designs got published in the early 20's when this was all new everyone. Navigating that is part of the fun. The old hot-wire ammeters might have been more forgiving to this sort of thing, and you could probably get away with more at 1700 KHz than you could at "modern shortwave". Still, I'll do it "right" since its keeping in the spirit and practice of the time.
Andy K0SM/2

On Friday, July 22, 2016 11:48 AM, "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

> On 7/22/16 8:29 AM, 'aflowers@frontiernet.net' aflowers@... [AWAGroup] wrote:
>
> I'm trying to figure out where to mount the RFC on the B+ in a shunt-fed Hartley under 10 MHz.
> I think in general its better to have the RFC mounted relatively close to the plate connection on the tube. The design I'm looking at has the plate current meter between this RFC and the tube and given the physical layout this means that there would be several inches of wire between the RFC an the plate of the oscillator tube. I'm guessing I should prefer to have the RFC close to the tube to keep RF from modulating the DC plate supply. Can anyone offer any advice about the physical location of the RFC?

Andy, I agree that the RFC should be as close to the tube plate connection as possible. Also, when you said the design you are looking at has the plate current meter between this RFC and the tube. I think you mean physically, and not electrically, since the latter would be an obvious design error and generally bad practice. Physically is bad enough.

73,
-Larry/NE1S

_,_._,___

13945. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-22 20:38:58 UTC
From: Louis Vermond
Topic: 130 Message: 13945

http://www.ebay.com/itm/AMATEUR-HAM-RADIO-AMPLIFIER-TRANSMITTER-POWER-SUPPLY-HOMEBREW-HOMEMADE-WORKS-/262526725912?hash=item3d1fcfef18:g:flgAAOSwqfNXiRFh

See other items...

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13946. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-22 21:57:08 UTC
From: Eric NO3M
Topic: 130 Message: 13946

As long as you don't have any questions for the seller....

I was looking at another of this seller's items and forwarded a question via the official Ebay mechanism three (3) times over several days. No answer. Quite irritating. Looking at some old feedback, seems to be how this person works. I'll go on record and say this seller is a dead beat and should be yanked off of Ebay. The descriptions are even generic, inaccurate, and probably some statements a lie:

Comes with a power cord and was hooked up and working when I removed it.

Verbatim on several of the listings. How does he (she or it) know it was working.... doesn't even identify any of the stuff by it's proper name.

Fortunately, I found what I needed (HRO IF/BFO cans) from another source, but even thought of a spite bid/win just to give this loser negative feedback..... think I better go build something.....

73 Eric NO3M

On 07/22/2016 04:38 PM, 'Louis Vermond' ldvermond@...
[AWAGroup] wrote:
>
> http://www.ebay.com/itm/AMATEUR-HAM-RADIO-AMPLIFIER-TRANSMITTER-POWER-SUPPLY-HOMEBREW-HOMEMADE-WORKS-/262526725912?hash=item3d1fcfef18:g:flgAAOSwqfNXiRFh
> <http://www.ebay.com/itm/AMATEUR-HAM-RADIO-AMPLIFIER-TRANSMITTER-POWER-SUPPLY-HOMEBREW-HOMEMADE-WORKS-/262526725912?hash=item3d1fcfef18:g:flgAAOSwqfNXiRFh>
>
>
> .
>
>

13947. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-22 22:13:58 UTC
From: Louis Vermond
Topic: 130 Message: 13947

think I better go build something..... Always a good idea.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13948. Motorboating in oscillator

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-24 13:36:33 UTC
From: aflowers@frontiernet.net
Topic: 13948 Message: 13948

Hi again,
I'm working on a self-excited Hartley transmitter and I'm having a problem that I've not encountered before. First, I'm attempting to key the rig by keying the grid-leak resistor. This is the same keying method in all the TX circuits published in the 1921 RCA Apparatus Catalog. I think of it as very primitive grid block keying.
The problem is this: I'm getting some motorboating when the key is up (i.e., the grid resistor is effectively open). The effect is a popping in the 1-10Hz rate in the monitor receiver, as if the oscillator is trying to start. I can tune it with the tuning capacitor and it makes for a neat spotting function in that sense, but I don't like RF coming out of the rig when the key is up! The motorboating gets faster with higher plate voltage.
I'm sure there is a reason this keying method fell out of favor and this would probably go away if I switched to cathode keying, but I don't want to give up easily. Perhaps someone has been down this path before and can offer some things to try?
Thanks,
Andy K0SM/2

13949. Re: [AWA Group] Motorboating in oscillator

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-24 16:38:53 UTC
From: Larry Szendrei
Topic: 13948 Message: 13949

On 7/24/16 9:36 AM, 'aflowers@...' aflowers@...
[AWAGroup] wrote:
> Hi again,
>
> I'm working on a self-excited Hartley transmitter and I'm having a
> problem that I've not encountered before. First, I'm attempting to key
> the rig by keying the grid-leak resistor. This is the same keying
> method in all the TX circuits published in the 1921 RCA Apparatus
> Catalog. I think of it as very primitive grid block keying.

I don't see how. With grid block keying, one applies enough of a negative bias voltage to the control grid to cut off any plate current. If you merely open the grid circuit for DC, effectively floating the grid, I don't see how this can do anything but make the DC plate current and power dissipation soar to the point where it's dangerous for the tube (as well as stop any oscillation of the circuit, if the RF path to the grid is also interrupted). If someone has a better understanding, perhaps they can explain how this won't happen.

> The problem is this: I'm getting some motorboating when the key is up
> (i.e., the grid resistor is effectively open). The effect is
> a popping in the 1-10Hz rate in the monitor receiver, as if
> the oscillator is trying to start. I can tune it with the tuning
> capacitor and it makes for a neat spotting function in that sense, but
> I don't like RF coming out of the rig when the key is up! The
> motorboating gets faster with higher plate voltage.

Could you provide the exact circuit, including the point where you're keying it? I have some ideas to explain how it could happen, but seeing the circuit would confirm whether I'm on the right track or not.

> I'm sure there is a reason this keying method fell out of favor and
> this would probably go away if I switched to cathode keying, but I
> don't want to give up easily. Perhaps someone has been down this path
> before and can offer some things to try?
>

Not me. I've never used anything but cathode keying, which is both elegant and effective, for these old circuits.

73,
-Larry/NE1S

13950. Re: [AWA Group] Motorboating in oscillator

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-24 17:48:16 UTC
From: aflowers@frontiernet.net
Topic: 13948 Message: 13950
Attachments: 3 described; binary payloads are missing from this source WARC

Here's the original Figure 2 from Radio Corp and my attempt to make it loose coupled. There's also a section on "Where to place the key" showing exactly this arrangement. Perhaps I've discovered why this was aborted :-)

On Sunday, July 24, 2016 12:39 PM, "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

> On 7/24/16 9:36 AM, 'aflowers@...' aflowers@... [AWAGroup] wrote:
>
> Hi again,
> I'm working on a self-excited Hartley transmitter and I'm having a problem that I've not encountered before. First, I'm attempting to key the rig by keying the grid-leak resistor. This is the same keying method in all the TX circuits published in the 1921 RCA Apparatus Catalog. I think of it as very primitive grid block keying.
>
> I don't see how. With grid block keying, one applies enough of a negative bias voltage to the control grid to cut off any plate current. If you merely open the grid circuit for DC, effectively floating the grid, I don't see how this can do anything but make the DC plate current and power dissipation soar to the point where it's dangerous for the tube (as well as stop any oscillation of the circuit, if the RF path to the grid is also interrupted). If someone has a better understanding, perhaps they can explain how this won't happen.
>
> The problem is this: I'm getting some motorboating when the key is up (i.e., the grid resistor is effectively open). The effect is a popping in the 1-10Hz rate in the monitor receiver, as if the oscillator is trying to start. I can tune it with the tuning capacitor and it makes for a neat spotting function in that sense, but I don't like RF coming out of the rig when the key is up! The motorboating gets faster with higher plate voltage.
>
> Could you provide the exact circuit, including the point where you're keying it? I have some ideas to explain how it could happen, but seeing the circuit would confirm whether I'm on the right track or not.
>
> I'm sure there is a reason this keying method fell out of favor and this would probably go away if I switched to cathode keying, but I don't want to give up easily. Perhaps someone has been down this path before and can offer some things to try?
>
> Not me. I've never used anything but cathode keying, which is both elegant and effective, for these old circuits.
>
> 73,
> -Larry/NE1S

13951. Re: [AWA Group] Motorboating in oscillator

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-24 18:06:24 UTC
From: dulmagedon@...
Topic: 13948 Message: 13951

first you are using a directly heated tube I would guess. That is the indirect origin of the problem. 2nd you may also be using a ground to actual ground which with that set up can cause this. buop buop buop buop .
First thng to try is disconnect the ground to ground and see does it make any difference in any way. That will give you a clue. If it improves move your antenna link ground to the same spot as your cold side tuning coil and it may cure it while still allowing the rig to function and don't bother with the real earth ground.
3rdly How is your grid leak resistor installed? In series with the grid coil connection or to the B- direct?
Cathode keying while perhaps not ideal is very practical for directly heated tubes.An indirectly heated tube would most likely not have the problem. So has been my experience. I have dealt with this in my building and not too long ago the last time. So when I run into it this is what I do. We can discuss all day why and how or you can take a few minutes and try each . Anyway you asked has anyone --- yup and this is what I do each time . So far so good.
donVe3LYX

13952. Re: [AWA Group] Motorboating in oscillator

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-24 18:55:46 UTC
From: aflowers@frontiernet.net
Topic: 13948 Message: 13952

Yes, this is all directly-heated, parallel 01A's until I have confidence that the circuit is doing what it should and I'm not going to blow up something more valuable.
I wired up for tried and true cathode keying and it sounds decent--with just the key on the B- to the supply. I'm using bench supplies for the filament and plate, so there is no center tap to key.
Still, I'd like to know more about the grid-leak keying in the old RCA catalog. I'm watching the plate current at all times and didn't see anything unusual--there was a little current draw consistent with the motorboating, all well under key-down current...of course, I don't have anything monitoring the grid current specifically.
FWIW, my 1924 ICS Radio Handbook says the only acceptable way to key a CW transmitter is by shorting keying some extra turns in the tank to ground to move the frequency a few meters--anything else will result in a ragged wave. There do seem to be some differing opinions in the early 20's!
Andy K0SM/2

On Sunday, July 24, 2016 2:06 PM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  first you are using a directly heated tube I would guess. That is the indirect origin of the problem. 2nd you may also be using a ground to actual ground which with that set up can cause this. buop buop buop buop .
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donVe3LYX

13953. Re: [AWA Group] Motorboating in oscillator

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-24 23:17:39 UTC
From: Don Dulmage
Topic: 13948 Message: 13953

Not for that reason but I often split the B- feed through a pair of low value resistors. Some old timers used pilot lamp bulbs for this. Most common I use are 10 ohm. One to each side of the heater connection. B- comes in the centre. This circuit shown feeds one side direct. It works but not the best idea I think. If the tube(s) was biased to cut off with key up and that resistor bypassed by the key in keying allowing the osc to function properly then no current would flow key up and no motorboating could occur. However here in this circuit that is not the case. The grid DC is being turned on and off but AC (RF) can still flow (cap). If the tube is capable of self bias to any extent then it will want to run anyway. Not every article has actual testing. Sometimes things appear in magazines that are not right, even today. I know you are committed to making this work and share your frustration that it is being "stupid". Give it you best shot. If it doesn't go set it aside for a bit and try again later. But you already know all that. I realize this is not UR first rodeo. So I wish you all the best with it.
donVe3LYX
BTW I have read several articles in old OTB etc on builds from old mag articles. Not good many times. In fact some would not work at all. You have to know someone wrote it all down but probably ran out of time to do it and test it but printed it anyway because what the He--- they were sure it would work. Still happens today. Perhaps not likely, if you want to think that, but certainly not an impossible situation.

On Sun, 7/24/16, 'aflowers@...' aflowers@frontiernet.net [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Motorboating in oscillator
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Received: Sunday, July 24, 2016, 2:55 PM

Yes,
this is all directly-heated, parallel 01A's until I have
confidence that the circuit is doing what it should and
I'm not going to blow up something more
valuable.
I
wired up for tried and true cathode keying and it sounds
decent--with just the key on the B- to the supply. I'm
using bench supplies for the filament and plate, so there is
no center tap to key.
Still,
I'd like to know more about the grid-leak keying in the
old RCA catalog. I'm watching the plate current at all
times and didn't see anything unusual--there was a
little current draw consistent with the motorboating, all
well under key-down current...of course, I don't have
anything monitoring the grid current specifically.

FWIW,
my 1924 ICS Radio Handbook says the only acceptable way to key a CW transmitter is by shorting keying some extra turns in the tank to ground to move the frequency a few meters--anything else will result in a ragged wave. There do seem to be some differing opinions in the early 20's!
Andy
K0SM/2

On Sunday, July 24, 2016 2:06 PM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

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donVe3LYX

13954. Adapter Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-25 16:34:39 UTC
From: dulmagedon@...
Topic: 13954 Message: 13954

We talked awhile back about listening or receiving on the host set with a set of Hi Imp earphones stealing the signal from before the final tube. So I wired up a phone jack to pin 5 and pin 8 of the adapter plug. (output tube grid pin hole, (unused for the adapter TX) and essentially ground) with the adapter plugged in and in operating mode (key up of course) Does it supply normal audio to the phones from the audio driver circuit? YES. Is it independent of transmitter tuning ? YES. Works perfectly . Tried it on a CGE 1938 table radio. Volume is excellent for Earphone use and the radio doesn't know any different . So now how about no BFO problem. It occurred to me that some of my military radios have MCW as well as CW. MCW which is basically AM anyway does not require a BFO. Thinking that might be too far a reach I searched military collector sites I belong to asking did German transmitters have MCW (A2) function. Never got an answer but did stumble on to a good communications museum site in Moscow. So I went through the list in their collection. Two radios, one of which is the German equivalent perhaps of my No 19 set had that function. In fact it had ONLY A2 (MCW) and A3 (R/T). No A1(CW) function setting. So that seals it for me . Plausable , possible and most likely so. Next is a actual test QSO. An old friend offered to loan me his Grandfathers 1939 Broadcast/SW radio for the test. However in reality if the set hears AM then it will hear MCW too. That we already know so it will be more for fun perhaps . Anyway, this adventure has been most interesting. I am still playing around 7051 kcs when I get a chance. And on the bright side. Three late 1930s radios got repaired and functioning so I could use them testing that otherwise would have been gathering dust. A fourth is well on it way back , just awaiting a 6e5 magic eye so that is also a good thing. So the similar design in the old QST that was mentioned is I would say based on my experiences with this one probably a rather good design.
donVe3LYX

13955. Re: [AWA Group] Motorboating in oscillator [3 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-26 14:07:16 UTC
From: Larry Szendrei
Topic: 13948 Message: 13955

On 7/24/16 1:48 PM, 'aflowers@...' aflowers@...
[AWAGroup] wrote:
> Here's the original Figure 2 from Radio Corp and my attempt to make it
> loose coupled. There's also a section on "Where to place the key"
> showing exactly this arrangement. Perhaps I've discovered why this
> was aborted :-)

OK, here's one attempt to explain what you're observing. The may be circuit is acting as superregen oscillator during key-up, but with a very low interruption frequency. For this we would need a very long time constant - for the purpose of argument, let's say 1/2 second. When the key is open, you might think the grid-leak resistance is infinite. It isn't, although it could be a very high value. There is always leakage, somewhere. One strong suspect might be an old bakelite tube base using wood flour as filler, leaking from grid to filament (as well as grid to plate and plate to filament). I don't know the value of C3, but, again for the sake of argument, let me assume 250pF, a typical value. To result in a time constant of 0.5 second, the leakage resistance key-up wound have to be 2 teraohms (2000 megohms). Certainly possible, IMHO.

73,
-Larry/NE1S
>
>

13956. Re: [AWA Group] Motorboating in oscillator

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-26 14:38:48 UTC
From: Carl Nord WA1KPD
Topic: 13948 Message: 13956

larry,
are you available for short eyeball this aft? im in area 8603317589

Sent from XFINITY Connect Mobile App

-----Original Message-----

From: AWAGroup@yahoogroups.com
To: AWAGroup@yahoogroups.com
Cc:
Sent: 2016-07-26 10:09:26 AM
Subject: Re: [AWA Group] Motorboating in oscillator

On 7/24/16 1:48 PM, 'aflowers@...' aflowers@... [AWAGroup] wrote:

Here's the original Figure 2 from Radio Corp and my attempt to make it loose coupled. There's also a section on "Where to place the key" showing exactly this arrangement. Perhaps I've discovered why this was aborted :-)

OK, here's one attempt to explain what you're observing. The may be circuit is acting as superregen oscillator during key-up, but with a very low interruption frequency. For this we would need a very long time constant - for the purpose of argument, let's say 1/2 second. When the key is open, you might think the grid-leak resistance is infinite. It isn't, although it could be a very high value. There is always leakage, somewhere. One strong suspect might be an old bakelite tube base using wood flour as filler, leaking from grid to filament (as well as grid to plate and plate to filament). I don't know the value of C3, but, again for the sake of argument, let me assume 250pF, a typical value. To result in a time constant of 0.5 second, the leakage resistance key-up wound have to be 2 teraohms (2000 megohms). Certainly possible, IMHO.

73,
-Larry/NE1S

13957. Re: [AWA Group] Motorboating in oscillator

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-26 16:08:23 UTC
From: Larry Szendrei
Topic: 13948 Message: 13957

Yes, Carl!! What time, approximately?

(been gone on a bike ride, I just got home)

On 7/26/16 10:38 AM, Carl Nord WA1KPD chnord@... [AWAGroup] wrote:
>
> larry,
> are you available for short eyeball this aft? im in area 8603317589
>
>
> Sent from XFINITY Connect Mobile App
>
>
> -----Original Message-----
>
> From: AWAGroup@yahoogroups.com
> To: AWAGroup@yahoogroups.com
> Cc:
> Sent: 2016-07-26 10:09:26 AM
> Subject: Re: [AWA Group] Motorboating in oscillator
>
> On 7/24/16 1:48 PM, 'aflowers@...'
> aflowers@... [AWAGroup] wrote:
>
> Here's the original Figure 2 from Radio Corp and my attempt to
> make it loose coupled. There's also a section on "Where to place
> the key" showing exactly this arrangement. Perhaps I've
> discovered why this was aborted :-)
>
>
> OK, here's one attempt to explain what you're observing. The may be
> circuit is acting as superregen oscillator during key-up, but with a
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> time constant - for the purpose of argument, let's say 1/2 second.
> When the key is open, you might think the grid-leak resistance is
> infinite. It isn't, although it could be a very high value. There is
> always leakage, somewhere. One strong suspect might be an old bakelite
> tube base using wood flour as filler, leaking from grid to filament
> (as well as grid to plate and plate to filament). I don't know the
> value of C3, but, again for the sake of argument, let me assume 250pF,
> a typical value. To result in a time constant of 0.5 second, the
> leakage resistance key-up wound have to be 2 teraohms (2000 megohms).
> Certainly possible, IMHO.
>
> 73,

> -Larry/NE1S
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13958. Re: Adaptor Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-26 17:58:52 UTC
From: JAMES HANLON
Topic: 13958 Message: 13958

Don,

The Hallicrafters S-38 series and the National SW-54 did not have a BFO as such, they caused their single IF stage to oscillate in order to receive CW. I just looked at the schematic of the S-38A on BAMA, and the CW function is actuated with just one spdt switch and a couple of "wiring" capacitors. The swinger of the switch is attached to ground. There are two "wiring capacitors," one attached from the 12SK7 IF amp control grid to one contact of the switch, marked "AM", and the other wiring capacitor connected from the plate of that same 12SK7 to that "AM" switch contact. The other switch contact, marked "CW", is attached through a 470 ohm resistor, to the AVC line. When the switch is in the AM position, the feedback path from plate to grid is interrupted by grounding the center junction of the two capacitors, and the normal AVC voltage is applied to the control grid of the IF amplifier tube. When the switch is in the CW position, the feedback path from plate to grid is activated causing the IF stage to oscillate, and the AVC line is disabled by grounding it through the 470 ohm resistor.

You might try this same trick to add a BFO function to one of your receivers. The "wiring capacitors" are probably just pieces of hook-up wire twisted together for a short length, probably less than an inch. A little experimentation should let you arrive at some satisfactory values.

73,

Jim, W8KGI

13959. RE: [AWA Group] Re: Adaptor Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-26 18:04:58 UTC
From: Mike Feher
Topic: 13958 Message: 13959

Jim -

You are indeed correct and I was going to suggest that as well. Yes, to my recollection of about 55 or more years ago, the capacitor was a "gimmick" .
73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, July 26, 2016 1:59 PM
To: AWA Group
Subject: [AWA Group] Re: Adaptor Spy Set Adventures

Don,

The Hallicrafters S-38 series and the National SW-54 did not have a BFO as such, they caused their single IF stage to oscillate in order to receive CW. I just looked at the schematic of the S-38A on BAMA, and the CW function is actuated with just one spdt switch and a couple of "wiring" capacitors. The swinger of the switch is attached to ground. There are two "wiring capacitors," one attached from the 12SK7 IF amp control grid to one contact of the switch, marked "AM", and the other wiring capacitor connected from the plate of that same 12SK7 to that "AM" switch contact. The other switch contact, marked "CW", is attached through a 470 ohm resistor, to the AVC line. When the switch is in the AM position, the feedback path from plate to grid is interrupted by grounding the center junction of the two capacitors, and the normal AVC voltage is applied to the control grid of the IF amplifier tube. When the switch is in the CW position, the feedback path from plate to grid is activated causing the IF stage to oscillate, and the AVC line is disabled by grounding it through the 470 ohm resistor.

You might try this same trick to add a BFO function to one of your receivers. The "wiring capacitors" are probably just pieces of hook-up wire twisted together for a short length, probably less than an inch. A little experimentation should let you arrive at some satisfactory values.

73,

Jim, W8KGI

13960. Bruce Kelly Video?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-26 18:05:43 UTC
From: JAMES HANLON
Topic: 13960 Message: 13960

Is there any video footage of BK operating the spark transmitter at the AWA Museum? I'd like to use such a clip in my Albuquerqeu Hamfest poresentation this August.

Thanks,

Jim Hanlon, W8KGI

13961. Bruce Kelly Video? Tks to Niel

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-26 18:31:46 UTC
From: Louis Vermond
Topic: 13961 Message: 13961

https://www.youtube.com/watch?v=QVgQcj7jihk

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13962. Re: [AWA Group] Motorboating in oscillator

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-26 18:42:26 UTC
From: aflowers@frontiernet.net
Topic: 13948 Message: 13962

Larry,
I was thinking along the same lines--leakage in the 10's or 100's of megaohms could do it. I once observed something similar in my old 27 Hartley when I put a 20M in instead of a 20K by mistake--key down had a random sputtering effect as if there wasn't a enough Brownian motion to the kick the thing off. I might have something like that going on in the key-up state. Different tubes did sound different.
I think your theory about the tube base is a good one, since these circuits assumed a ceramic base UV202 or UV203 and likely leaked less than the cheaper bakelite bases. Could it be that keying the grid leak relies on insulating materials in the tubes and sockets? I am using the RCA ceramic sockets, but my mistake could be in using a tube made after 1925!
Maybe I'll try it again with some brass base UV201's, but before I plug one of those in I would like enough understanding of the fault conditions of the circuit. I don't like the idea that melting the plate might rely on gigaohm levels of insulation in my tube socket and panel material...
FWIW, I fabricated the 250pf grid condenser and a ~1200pf plate blocking condenser following a 1924 "Radio" article. I couldn't measure any leakage through them, but that doesn't mean it isn't there in the values we're talking about--the terminals are connected by 3x4cm square of 3/16" bakelite and have 25 mils of mica between the plates with generous overlape at the edges.
This all works just dandy with cathode keying, so that's probably what I'll end up with in the finished product.
Andy K0SM/2

On Tuesday, July 26, 2016 12:08 PM, "Larry Szendrei ne1s@securespeed.us [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

> Yes, Carl!! What time, approximately?

(been gone on a bike ride, I just got home)

On 7/26/16 10:38 AM, Carl Nord WA1KPD chnord@... [AWAGroup] wrote:

> larry,
> are you available for short eyeball this aft? im in area 8603317589

Sent from XFINITY Connect Mobile App

-----Original Message-----

From: AWAGroup@yahoogroups.com
To: AWAGroup@yahoogroups.com
Cc:
Sent: 2016-07-26 10:09:26 AM
Subject: Re: [AWA Group] Motorboating in oscillator

> On 7/24/16 1:48 PM, 'aflowers@frontiernet.net' aflowers@... [AWAGroup] wrote:

Here's the original Figure 2 from Radio Corp and my attempt to make it loose coupled. There's also a section on "Where to place the key" showing exactly this arrangement. Perhaps I've discovered why this was aborted :-)

OK, here's one attempt to explain what you're observing. The may be circuit is acting as superregen oscillator during key-up, but with a very low interruption frequency. For this we would need a very long time constant - for the purpose of argument, let's say 1/2 second. When the key is open, you might think the grid-leak resistance is infinite. It isn't, although it could be a very high value. There is always leakage, somewhere. One strong suspect might be an old bakelite tube base using wood flour as filler, leaking from grid to filament (as well as grid to plate and plate to filament). I don't know the value of C3, but, again for the sake of argument, let me assume 250pF, a typical value. To result in a time constant of 0.5 second, the leakage resistance key-up wound have to be 2 teraohms (2000 megohms). Certainly possible, IMHO.

73,
-Larry/NE1S

13963. Re: Bruce Kelly Video? Tks to Niel

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-26 20:28:43 UTC
From: Niel - W0VLZ
Topic: 13963 Message: 13963

This group might also enjoy the entire tour...see
https://www.youtube.com/watch?v=ZHdR_7wdLWg

73,
Niel

13964. RE: [AWA Group] Re: Adaptor Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-26 23:54:03 UTC
From: dulmagedon@...
Topic: 13958 Message: 13964

Thanks fellows. I had wondered and figured it was possible with little effort to effect. I had mistakenly thought perhaps a slight mistune of one IF might make CW copy possible but this is a much better deal. However when I discovered that some De sender sets had A2 I relaxed a bit. I have been considering moving a AM table radio to 160M and using this Tx method like the adapter set for a bare bones 1930s style 160M station. But was thinking it wouldnt be practical because no BFO. That little trick would allow me to implement it on the old table radio. Gimmick Capacitors: I can still recall my Dad at the dining room table the night he helped me quit fooling around and get my first regen built. (12ax7) He showed me how to make a gimmick capacitor that night with two pieces of hook up wire and warned me about over coupling the antenna to a regen. (As well as a lecture on the evils of too much antenna on a regen. I can still remember the thrill when signals came into the phones for the first time.)
BTW as an asude . We were talking a bit about Great Lakes waterways a few days back. Did the trip through these today. Pretty impressive engineering. 65 ft lift in about 4 to 5 minutes.https://en.wikipedia.org/wiki/Peterborough_Lift_Lock

13965. Re: [AWA Group] Re: Bruce Kelly Video? Tks to Niel

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-27 00:11:44 UTC
From: Niel - W0VLZ
Topic: 13963 Message: 13965

See also
https://www.youtube.com/results?search_query=AWA+COMPLETE+MUSEUM+TOUR
parts 1, 11 and 12 for more demos of the AWA spark transmitters.

Niel - W0VLZ w0vlz@... [AWAGroup] wrote:
>
> This group might also enjoy the entire tour...see
> https://www.youtube.com/watch?v=ZHdR_7wdLWg
>
> 73,
> Niel
>
>

13966. Re: [AWA Group] Re: Bruce Kelly Video? Tks to Niel

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-27 02:39:56 UTC
From: Niel - W0VLZ
Topic: 13963 Message: 13966

Sorry. I keep looking around and finding better videos...

See these:
https://www.youtube.com/results?search_query=%22the+WESSON-KELLY+TOUR%22+awamuseum+1988
Spark is covered in part 4 but the rest of the tour is very good also.

73,
Niel - W0VLZ

Niel - W0VLZ w0vlz@... [AWAGroup] wrote:
>
> See also
> https://www.youtube.com/results?search_query=AWA+COMPLETE+MUSEUM+TOUR
> parts 1, 11 and 12 for more demos of the AWA spark transmitters.
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> >
> > 73,
> > Niel
> >
> >
>
>

13967. RE: [AWA Group] Re: Adaptor Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-27 12:49:58 UTC
From: dulmagedon@...
Topic: 13958 Message: 13967

I think through this I have stumbled onto something not well known. Here is the latest piece I found which specifically mentions spying on Great Lakes Shipping. The writer in me has me curious. Location is right, timeline is exact.
http://jmss.org/jmss/index.php/jmss/article/download/482/479
http://jmss.org/jmss/index.php/jmss/article/download/482/479
Also found some about it in German which I am going read now over a fresh cup of coffee.
donVe3LYX

13968. RE: [AWA Group] Re: Adaptor Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-27 13:28:06 UTC
From: dulmagedon@...
Topic: 13958 Message: 13968

It wasn't about WWII however I came up on this note on another site on Espionage.
"
Electrical outletA fake electrical outlet, which can be pulled out from the wall and which contains a hidden compartment for storage.
donVe3LYX

13969. CANADIAN MARCONI HISTORY

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-28 01:11:15 UTC
From: Louis Vermond
Topic: 13969 Message: 13969

http://ultra-tcs.com/files/Marconi_Radio_History_LV.pdf

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13970. Re: [AWA Group] Motorboating in oscillator

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-28 14:19:00 UTC
From: Andrew Flowers
Topic: 13948 Message: 13970

Lou reminded me of an article from the July 1921 QST where a self-rectified circuit was used to win a "QRP construction contest" of sorts at the Hartford ARC:

"Mr. Whittier uses the key in series with the grid leak, but in this set such operation caused a continual "gurgle" when the key was idle which was very distressing for local work, altho (sic) it disappeared at a distance. To overcome this the key is now placed at the bottom of the inductance as shown."

It seems I have also stumbled upon the "gurgle". The surefire solution is to put the key elsewhere and probably explains why this method keying method had a short life.

Andy K0SM/2

> On Jul 26, 2016, at 2:42 PM, 'aflowers@...' aflowers@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> Larry,
>
> I was thinking along the same lines--leakage in the 10's or 100's of megaohms could do it. I once observed something similar in my old 27 Hartley when I put a 20M in instead of a 20K by mistake--key down had a random sputtering effect as if there wasn't a enough Brownian motion to the kick the thing off. I might have something like that going on in the key-up state. Different tubes did sound different.
>
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>
> FWIW, I fabricated the 250pf grid condenser and a ~1200pf plate blocking condenser following a 1924 "Radio" article. I couldn't measure any leakage through them, but that doesn't mean it isn't there in the values we're talking about--the terminals are connected by 3x4cm square of 3/16" bakelite and have 25 mils of mica between the plates with generous overlape at the edges.
>
> This all works just dandy with cathode keying, so that's probably what I'll end up with in the finished product.
>
> Andy K0SM/2
>
>
>

> On Tuesday, July 26, 2016 12:08 PM, "Larry Szendrei ne1s@... [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:
>
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> Yes, Carl!! What time, approximately?
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> (been gone on a bike ride, I just got home)
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>> On 7/26/16 10:38 AM, Carl Nord WA1KPD chnord@... [AWAGroup] wrote:
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>> larry,
>> are you available for short eyeball this aft? im in area 8603317589
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>> Sent from XFINITY Connect Mobile App
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>> -----Original Message-----
>>
>> From: AWAGroup@yahoogroups.com
>> To: AWAGroup@yahoogroups.com
>> Cc:
>> Sent: 2016-07-26 10:09:26 AM
>> Subject: Re: [AWA Group] Motorboating in oscillator
>>
>>
>> On 7/24/16 1:48 PM, 'aflowers@frontiernet.net' aflowers@... [AWAGroup] wrote:
>>
>> Here's the original Figure 2 from Radio Corp and my attempt to make it loose coupled. There's also a section on "Where to place the key" showing exactly this arrangement. Perhaps I've discovered why this was aborted :-)
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>> OK, here's one attempt to explain what you're observing. The may be circuit is acting as superregen oscillator during key-up, but with a very low interruption frequency. For this we would need a very long time constant - for the purpose of argument, let's say 1/2 second. When the key is open, you might think the grid-leak resistance is infinite. It isn't, although it could be a very high value. There is always leakage, somewhere. One strong suspect might be an old bakelite tube base using wood flour as filler, leaking from grid to filament (as well as grid to plate and plate to filament). I don't know the value of C3, but, again for the sake of argument, let me assume 250pF, a typical value. To result in a time constant of 0.5 second, the leakage resistance key-up wound have to be 2 teraohms (2000 megohms). Certainly possible, IMHO.
>>
>> 73,
>> -Larry/NE1S
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13971. Re: [AWA Group] Motorboating in oscillator

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-28 17:13:59 UTC
From: dulmagedon@...
Topic: 13948 Message: 13971

That said a self rectified set is on my bucket list. I have one article in i think it is a 1930s QST that claims their circuit meets 1929 requirements. Hang on. I will see if I can find it. Feb 1929, page 23, by Ross Hull.
donVe3LYX

13972. Re: Adaptor Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-29 19:16:53 UTC
From: dulmagedon@...
Topic: 13958 Message: 13972

OK, let me see if I understood that. On the If amp tube I add two gimmick caps. One around the grid lead and one around the plate lead. No connection. Just a gimmick caps capacitively coupled. The other end of both these gimmick caps is soldered to one terminal of the Am Cw switch. The other end of the AM CW switch (other position) is soldered to a 470 ohm resisitor connected to the AVC supply line. The switch wiper is grounded. So In AM mode the AVC is normal and the 470 ohm resitsor floats (no connection) The gimmick capacitors picked up signals which would be quite small are returned to ground through the switch rendering them ineffective while in reality having little effect on the overall operations as values would be small. and no real HARD connection exists. In CW mode the AVC line is grounded rendering the AVC function inoperable (why?)and the gimmick caps couple plate and grid capacitively however the actual value of coupling is enough to rpoduce some feedback causing oscillation which when combined with the incoming signal from the mixer causes the signal to be heard as an audible beep like a BFO does. I may not have said it technically for which I beg forgiveness perfect but that aside , is that the basic idea? donVe3LYX

13973. Re: Adaptor Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-30 17:17:00 UTC
From: JAMES HANLON
Topic: 13958 Message: 13973

Don,

Yes, you have the "bfo" connections correct. I'd encourage you to go to the BAMA manual connection and have a look at the S-38A manual and schematic to verify this information. You asked why the AVC line needs to be disabled (grounded) during CW operation. That's because the high signal level presented to the detector by the oscillation in the IF stage would create a very large, negative bias on the AVC line which would cut the gain in the IF stage way back. You need to defeat that by grounding the AVC line.

This type of "bfo" was used in all of the S-38's from the A model onward and also in the National SW-54. It works well enough for an awful lot of Novices in the 50s and 60s to work a lot of CW. Give it a try.

73,

Jim

13974. Re: Adaptor Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-30 20:24:39 UTC
From: dulmagedon@...
Topic: 13958 Message: 13974
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks Jim, I intend. Already have a suitable project underway where it will serve perfectly. BTW I sat downfor some light reading last night. I hav a small box of OLD OTBs and was reading an article on Receivers then noticed your name and an introduction about you at the top of the page. You write well. (I am a mag writer for over 23 years so this is a professional opinion)Easy to follow. Thanks for the hint here.
On another vein , Went to an antique flea market today in Kingston. Just as I was leaving empty handed I noticed a CW key in one of the cabinets. I bought it for about $50 US ($65 Can) An NOS unused never made a spark J-38 key on mounted on a display base. Perhaps that is no big deal but I was happy to have it. Must have been a display model or something. Not a mark or bit of ware on it anyway. I am sure I am the first to open the shorting switch. I think Mike is the key guy here. Should I smile or cry?
Thanks again for the tip.
donVe3LYX

13975. 160M AWA net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-30 21:35:39 UTC
From: Larry Szendrei
Topic: 13975 Message: 13975

Everyone,

As net control (by default) I've made an "executive decision" that the Monday night AWA top-band net will take a summer vacation until after Labor Day. Participation has been meager this summer, and summer conditions, QRN, etc. have made it difficult to copy the more distant stations that have checked in.

That's not to say I won't throw out my callsign on 1945KHz LSB around 8PM EDT on Mondays, and maybe I'll run into some of you when I do. But I'm not going to make a firm commitment to be there as I do when the net is running.

After Labor Day we will resume the "formal" net (such as it is) on 1945KHZ LSB at 8PM Eastern on Mondays.

Hope everyone has a great August, and for those going to the Convention, I hope you have a wonderful time there.

73,
-Larry/NE1S

13976. RE: [AWA Group] Re: Adaptor Spy Set Adventures [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-30 22:06:09 UTC
From: Mike Feher
Topic: 13958 Message: 13976

Don –

I am sure this will be easier to use than your wooden key, HI. The J-38 is probably the most common key around as millions must have been made by numerous manufacturers during WWII. The base was part of the key. Enjoy & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, July 30, 2016 4:25 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: Adaptor Spy Set Adventures [1 Attachment]

Thanks Jim, I intend. Already have a suitable project underway where it will serve perfectly. BTW I sat downfor some light reading last night. I hav a small box of OLD OTBs and was reading an article on Receivers then noticed your name and an introduction about you at the top of the page. You write well. (I am a mag writer for over 23 years so this is a professional opinion)Easy to follow. Thanks for the hint here.
On another vein , Went to an antique flea market today in Kingston. Just as I was leaving empty handed I noticed a CW key in one of the cabinets. I bought it for about $50 US ($65 Can) An NOS unused never made a spark J-38 key on mounted on a display base. Perhaps that is no big deal but I was happy to have it. Must have been a display model or something. Not a mark or bit of ware on it anyway. I am sure I am the first to open the shorting switch. I think Mike is the key guy here. Should I smile or cry?
Thanks again for the tip.
donVe3LYX

13977. RE: [AWA Group] Re: Adaptor Spy Set Adventures [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-30 22:11:38 UTC
From: dulmagedon@...
Topic: 13958 Message: 13977

OK Thanks.
donVe3LYX

13978. RE: [AWA Group] Re: Adaptor Spy Set Adventures [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-31 02:42:20 UTC
From: dulmagedon@...
Topic: 13958 Message: 13978

What I needed it for was my second last project the Weskit inspired Trncver I have to close the key on RX and I wanted a key with a shorting bar as despite having about 8 keys not one had that option except my 1923 vibroplex. I just didnt expect to find an unused one like this. Anyway it isn't unused anymore. It does what I wanted it for so I am happy with that. As to your comment? Not even close. It is highly unlikely a metal key can ever match the feel , "stay with you ness" and smoothness of a wooden spring key. They are alive it seems. Course no one knows that as there is only one manufacturer. Some old grumpy fiddle maker in Ameliasburgh Ontario and the beggar is keeping them all for hisself :>) . (And he don't sell none of his fiddles either.)
donVe3LYX

13979. Junk store find

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-31 14:26:34 UTC
From: Steve Flood
Topic: 13979 Message: 13979
Attachments: 3 described; binary payloads are missing from this source WARC

Found this in a Boise junk store. I think it's a 4 tube regenerative superhet. Papers with it suggests a 1940 circuit.

Sent from my Verizon Wireless 4G LTE DROID

13980. Re: [AWA Group] Junk store find [3 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-31 15:49:36 UTC
From: Larry Szendrei
Topic: 13979 Message: 13980

On 7/31/16 10:26 AM, Steve Flood kk7uv@... [AWAGroup] wrote:
> Found this in a Boise junk store. I think it's a 4 tube regenerative
> superhet. Papers with it suggests a 1940 circuit.

Cool find! I've got a couple of 7-tube homebrew superhets with adjustable regeneration in the mixer. I think they are pretty much the same circuit between them, but the physical implementations (layout, parts used) are different.

73,

-Larry/NE1S

13981. Re: [AWA Group] Junk store find [3 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-31 19:33:58 UTC
From: Roger Kuchera
Topic: 13979 Message: 13981

Hi Steve, A great find. The original workmanship looks excellent. Good luck.
Roger/K1TG

On Sunday, July 31, 2016 11:21 AM, "Steve Flood kk7uv@... [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:

<!--#yiv0005158838 #yiv0005158838 .yiv0005158838ygrp-photo-title{clear:both;font-size:smal
ler;min-height:15px;overflow:hidden;text-align:center;width:75px;}#yiv0005158838 div.yiv00
05158838ygrp-photo{background-position:center;background-repeat:no-repeat;background-color
:white;border:1px solid black;min-height:62px;width:62px;}#yiv0005158838
div.yiv0005158838photo-title a, #yiv0005158838 div.yiv0005158838photo-title a:active,
#yiv0005158838 div.yiv0005158838photo-title a:hover, #yiv0005158838
div.yiv0005158838photo-title a:visited {text-decoration:none;}#yiv0005158838
div.yiv0005158838attach-table div.yiv0005158838attach-row {clear:both;}#yiv0005158838
div.yiv0005158838attach-table div.yiv0005158838attach-row div {float:left;}#yiv0005158838
p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv0005158838
div.yiv0005158838ygrp-file {width:30px;}#yiv0005158838 div.yiv0005158838attach-table
div.yiv0005158838attach-row div div a {text-decoration:none;}#yiv0005158838
div.yiv0005158838attach-table div.yiv0005158838attach-row div div span
{font-weight:normal;}#yiv0005158838 div.yiv0005158838ygrp-file-title
{font-weight:bold;}#yiv0005158838 --> <!--#yiv0005158838 #yiv0005158838ygrp-mkp
{border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv0005158838
#yiv0005158838ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv0005158838 #yiv0005158838ygrp-mkp
#yiv0005158838hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px
0;}#yiv0005158838 #yiv0005158838ygrp-mkp #yiv0005158838ads
{margin-bottom:10px;}#yiv0005158838 #yiv0005158838ygrp-mkp .yiv0005158838ad {padding:0
0;}#yiv0005158838 #yiv0005158838ygrp-mkp .yiv0005158838ad p {margin:0;}#yiv0005158838
#yiv0005158838ygrp-mkp .yiv0005158838ad a {color:#0000ff;text-decoration:none;}-->

Found this in a Boise junk store. I think it's a 4 tube regenerative superhet. Papers
with it suggests a 1940 circuit.
Sent from my Verizon Wireless 4G LTE DROID

13982. Re: [AWA Group] Junk store find [3 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-31 19:53:11 UTC
From: Michael Bittner
Topic: 13979 Message: 13982

I'm guessing it does not have a regenerative detector due to the BFO transformer that is clearly visible with its tuning knob on top.

I'd sure like to see a schematic diagram of this set, and it should be fairly easy to trace out with all that squared up wiring. And, what are all those toggle switches for???

Mike, W6MAB
----- Original Message -----
From: Steve Flood kk7uv@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Sunday, July 31, 2016 7:26 AM
Subject: [AWA Group] Junk store find [3 Attachments]

Found this in a Boise junk store. I think it's a 4 tube regenerative superhet. Papers with it suggests a 1940 circuit.

Sent from my Verizon Wireless 4G LTE DROID

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13983. Re: [AWA Group] Junk store find

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-31 21:39:10 UTC
From: Louis Vermond
Topic: 13979 Message: 13983

Must be living right, Steve. Congrats.... Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13984. Re: Re: [AWA Group] Junk store find

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-31 23:48:14 UTC
From: N3IBX
Topic: 13979 Message: 13984

Hello Roger,
? ? ? ? ? ? ? ? ?Many thanks for both pics of the Utah Jr. I saw the one of the front of it before and have to comment on the fantastic black crackle paint job you have it. I'm curious, did you have it powder coated? It looks stupendous! I hope you still have it so you can enjoy it once in a while at the very least. I also like all the round style crapstals you have for it. Are they Blileys? Just curious. Are they style AX-1 or "X" cut jobs? I would think an X cut xtal could withstand the grid current from the 6L6, which are inheritently hard on crystals.?

On to pic #2, which I've never seen before. Wowzers did you do a professional job on that supply! The wire looks perfectly loomed and I noticed you used two "miniature" type tubes, probably a 0A2 and a rectifier? Maybe not. I'm curious, what tubes are they? How does it perform on the air? I betcha you don't even have any keyclicks with the VR tube in the circuit.?

I don't know which I like more, the pic of the front of the Jr or it's power supply? Both are works of art as far as I think anyway.

I'll have a 1625 out to you and will send you a confirming email when it ships. I just have to find it and shouldn't have any trouble doing so.?

Thanks again for the pics.

Best regards,
Joe
?
?
On 07/31/16, Larry Szendrei ne1s@securespeed.us [AWAGroup] wrote:

?

On 7/31/16 10:26 AM, Steve Flood kk7uv@... [AWAGroup] wrote:
> Found this in a Boise junk store. I think it's a 4 tube regenerative
> superhet. Papers with it suggests a 1940 circuit.

Cool find! I've got a couple of 7-tube homebrew superhets with
adjustable regeneration in the mixer. I think they are pretty much the
same circuit between them, but the physical implementations (layout,
parts used) are different.

73,

-Larry/NE1S

13985. Re: [AWA Group] Junk store find

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-07-31 21:54:38 UTC
From: Steve
Topic: 13979 Message: 13985

Steve - I'll wager this could be a circuit from the Jones Radio Handbook since it seemed to dominate the western ham radio scene. I have a few of them and can check for something if you like.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

13986. Re: [AWA Group] Junk store find

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-01 12:30:22 UTC
From: dulmagedon@...
Topic: 13979 Message: 13986

I have the 1940 Radio Handbook. There is a 3 tuber and a 5 tuber superhet design with controllable regeneration. In the 1943 ARRL handbook is what is described as a 3 tube superhet but on page 202 and 203 there is section "Adding an audio stage to the three tube superhet." making it a four tuber .Tube layout is 6k8, 6sk7 6c8g and 6f6.
donVe3LYX

13987. RE: [AWA Group] Junk store find

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-01 22:32:40 UTC
From: Steve Flood
Topic: 13979 Message: 13987

This did not work out like I'd hoped. After finding the rig and posting the pics Saturday, I did not purchase it until I had some time to research it a bit and see what feedback I'd get from the Group. My intent was to go back Sunday and make the purchase but they were closed. Unfortunately, we had to leave early today to get back home (an 8-hour drive). I may call them tomorrow to ask a few questions about the rig.

Thanks for all the comments gang,

Steve

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13988. RE: [AWA Group] Junk store find

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-02 02:46:05 UTC
From: dulmagedon@...
Topic: 13979 Message: 13988

I feel your pain! I left one in an antique store a couple of hours away. A Sparton Am broadcast/shortwave 1939-1842 approx) that quite frankly looked brand new except for dust. Must have never seen sunlight. The fellow was even willing to wiggle on the price but I whimped out having just bought the j-38 key which was over half my radio budget for the month. Today I sold my spare No 19 Wireless set to a fellow restoring an armed 1943 Jeep. (Machine gun through windsheild) It already had the PSU wiring still in it for the No 19 set. Display only so he is happy. And my excuse "cheep cheep cheap" is gone. Now I hope the radio is still there at the agreed on price when I get back there later this week. I want to use it for my Adapter Spy station set up. Hope you are successful in getting this one as well.
donVe3LYX

13989. RE: [AWA Group] Re: Adaptor Spy Set Adventures [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-04 21:08:01 UTC
From: dulmagedon@...
Topic: 13958 Message: 13989
Attachments: 1 described; binary payloads are missing from this source WARC

I read that agents sometimes used fake outlet boxes to hide things in the wall so I got a old early 2 prong type wall socket and plate from a friends early farmhouse and installed it after minor surgery on place of the smooth steel cover. This set in the wall could be removed easily but the transmitter device could be stored safely in plain site. I intend to make a small section of wall and baseboard for my display. Still have not got a SW version radio to try yet.
donVe3LYX

13990. RE: [AWA Group] Junk store find

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-06 01:55:14 UTC
From: dulmagedon@...
Topic: 13979 Message: 13990

In think it is currently listed on ebay. I searched vintage shortwave radio and I am pretty sure it was the same set you pictured. Was at 268.00 I believe if memory serves me. There is also an SW4 currently listed with coils and looking very good.
donVe3LYX

13991. RE: [AWA Group] Re: Adaptor Spy Set Adventures [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-06 23:31:21 UTC
From: dulmagedon@...
Topic: 13958 Message: 13991

Today at an antique shop I bought a Stromberg Carlson model 61 wooden broadcast receiver with two shortwave bands (1500 to 3500kcs and 5.6 to 16 mcs) It doesn't work but doesn't smell smokey. It has a 6f6 final which I promptly tested in the adapter set with positive results. No decent voltage on pin 3 or 4 (plate and screen) so I suspect no hi voltage anywhere although set is still in its cabinet. I am not sure but suspect they used the speaker magnetic coil for a PS choke (because I would if I had built one back then) I don't know if that is right but live in hope that may be the trouble as the speaker is almost toast anyway. Otherwise I may be into a transformer. Decent set though. Even has a RF amp. I am in $30 so figured I had nothing to lose at that price. Tubes are easily worth that. I found a schematic and quick test sheet however should not need that anyway with a schematic.
Hopefully I can get it up and running by subbing a filter choke and normal speaker of which I have both.
Vintage is 1935/1936 so is period correct for the adapter set project.
donVe3LYX

13992. As requested Book report, Two Eggs On My Plate by Olaf Olsen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-10 08:12:06 UTC
From: dulmagedon@...
Topic: 13992 Message: 13992

Book came this afternoon. Just finished it. Good book. Well written and fast moving. Covers in detail day to day life of Allied spies living in their native Norway and operating daily sometimes for hours a clandestine radio station sending Morse traffic with shipping and weather info mainly. Confirms many suspicious I had about what may have gone on here before the war actually started. Not much technical info. In photos appears to be a parset but near the end he refers to a new American transmitter but no detail given. He received his training over here not that far away. Doesn't give too many details , just near Toronto. (Which is how we describe where we live when we are in Europe) Anyway a good book.. Thanks Tom for suggesting it. Someday I hope to sit down over wurst mit spaetzle and discuss it further.
donVe3LYX

13993. Re: [AWA Group] As requested Book report, Two Eggs On My Plate by Olaf Olsen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-10 08:38:01 UTC
From: N3IBX
Topic: 13992 Message: 13993

Don, VE3LYX said: "?wurst mit spaetzle?" and got me hungry for some! Now to convince the wifey to make me some - HI!
Joe Cro N3IBX
?
?
On 08/10/16, dulmagedon@... [AWAGroup] wrote:
?
?

Book came this afternoon. Just finished it. Good book. Well written and fast moving. Covers in detail day to day life of Allied spies living in their native Norway and operating daily sometimes for hours a clandestine radio station sending Morse traffic with shipping and weather info mainly. Confirms many suspicious I had about what may have gone on here before the war actually started. Not much technical info. In photos appears to be a parset but near the end he refers to a new American transmitter but no detail given. He received his training over here not that far away. Doesn't give too many details , just near Toronto. (Which is how we describe where we live when we are in Europe) Anyway a good book.. Thanks Tom for suggesting it. Someday I hope to sit down over wurst mit spaetzle and discuss it further.
donVe3LYX

13994. Re: As requested Book report, Two Eggs On My Plate by Olaf Olsen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-10 14:29:12 UTC
From: Thomas Höppe
Topic: 13992 Message: 13994
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Don!

Great you got this book! The author, Oluf Reed Olsen, was also Radio amateur. After the war, they made a movie about the resistance work in Norway, and Oluf became an actor. The film was on youtube, but I can☐t find the link anymore in my mess.

I think spy activity in WW2 must not only be regarded from the technical side. You must know the stories, the circumstances as well. After reading some books, you dim the light and start working a paraset. With every dit, the two bulbs illuminate, and you run the next QSO with a very special feeling.

BTW: The Norwegians had to give away all their broadcast receivers. They were dismantled in Norway, and the parts were used for the war effort. Some Norwegians working in the workshop where they dismanteled the receivers took away special parts. They were used to build the resistance receiver ☐Lisbeth☐ or the suitcase receiver/transmitter set ☐Olga☐. Futher, Willi Simonsen developed the receiver ☐Sweetheart☐ in the exile. 6000 were bought from the Norwegian exile government and parachuted to Norway. It is a nice project, and parts are easy to find. The receiver works great!

73s Tom, DJ5RE

13995. Re: As requested Book report, Two Eggs On My Plate by Olaf Olsen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-10 18:28:45 UTC
From: dulmagedon@...
Topic: 13992 Message: 13995
Attachments: 1 described; binary payloads are missing from this source WARC

I saw reference to the film Kontakt but so far haven't found it on DVD.
Yes, Although I don't have a paraset I do know the feeling when an old design starts to glow and a contact is made.
Today I was off on another adventure. I stumbled onto a reference about Cootie CW Keys. I must have led a sheltered life because I had never heard the term once in my life. Made by early telegraphers to relieve Glass Arm syndrome, main ingredient a broken hacksaw blade. So last night and today I made one. I had it up and working with clip wires and realized with a rather minor addition I could make it self complete the dahs. So after a bit of experimentation to be sure I was right I added what was needed. It works perfectly. Basically just the opposite of my vibroplex which self completes dits. I built it to operate like my other keyers so I wont get confused. Dahs to the right, dits left. Now to take it apart and make it pretty.
donVe3LYX

13996. RE: [AWA Group] Re: As requested Book report, Two Eggs On My Plate by Olaf Olsen [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-10 18:40:45 UTC
From: Mike Feher
Topic: 13992 Message: 13996

Don –

A cootie key is the same as a sideswiper. You make your own dits and dahs with it manually.
73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, August 10, 2016 2:29 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: As requested Book report, Two Eggs On My Plate by Olaf Olsen [1 Attachment]

I saw reference to the film Kontakt but so far haven't found it on DVD.
Yes, Although I don't have a paraset I do know the feeling when an old design starts to glow and a contact is made.
Today I was off on another adventure. I stumbled onto a reference about Cootie CW Keys. I must have led a sheltered life because I had never heard the term once in my life. Made by early telegraphers to relieve Glass Arm syndrome, main ingredient a broken hacksaw blade. So last night and today I made one. I had it up and working with clip wires and realized with a rather minor addition I could make it self complete the dahs. So after a bit of experimentation to be sure I was right I added what was needed. It works perfectly. Basically just the opposite of my vibroplex which self completes dits. I built it to operate like my other keyers so I wont get confused. Dahs to the right, dits left. Now to take it apart and make it pretty.
donVe3LYX

13997. RE: [AWA Group] Re: As requested Book report, Two Eggs On My Plate by Olaf Olsen [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-10 20:35:31 UTC
From: Thomas Höppe
Topic: 13992 Message: 13997

That☐s it! You can use normal single arm or 2-arm paddles for a first try. Make an adapter, where the two contacts (dash and dot) are connected together and hook it directly to the staight key input of the TRX, without any electronics. There is a sideswiper net in Europe. Keying sounds good! And: You are still ☐solid state free☐!

I had fun testing it.

Tom

13998. RE: [AWA Group] Re: As requested Book report, Two Eggs On My Plate by Olaf Olsen [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-10 20:47:41 UTC
From: dulmagedon@...
Topic: 13992 Message: 13998

Yes I see. I had never heard the "cootie" term before. Mine was manual for about ten minutes. Now it makes the dahs semi automatically. It was just too easy to do I couldn't resist.
donVe3LYX

13999. Re: As requested Book report, Two Eggs On My Plate by Olaf Olsen

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-11 10:21:30 UTC
From: dulmagedon@...
Topic: 13992 Message: 13999

Tom, you brought up a point I had wondered about. Since discovering info and building (and using) an adapter set I found it so practical and easy to set up and get on the air I wondered why it was ever replaced. It didn't occur to me that many countries would have had to surrender their home radios so the adapter would be useless there. No host radio to plug it into. It certainly has enough power for decent communication on any of the tubes I have tried it on and that is now about 6 or 7. So I now understand that while it would have been very practical here as our sets were not confiscated other places it was not so. The only solution would be a stand alone set. I may build a parset or similar rig replica. I have gotten interested also in the Flying Doctor radios designed by young Alf Traeger in around 1928. I see once he went out on his own after his helper moved he rebuilt all of the six sets, particularly in the receive section. Having built and use and am using several regens (currently 8 running here)when I saw what he changed I understood completely why. Regens are often ruined by over complication. The intention is always good and is based on the idea that with only one or two tubes it needs all the help it can get however that is not the case. A good regen is more then capable of holding it own against a modern set as far as sensitivty goes. In fact I have been testing just that the last few days with the regen section of my so called weskit style transceiver. Normally when operating my AWA style rigs I monitor in my shack for back up on a DX394 digital rx. It is a fairly decent little set and works well for Ham use. Many times when I have worked some of the group here I have used it as my main set because it is reliable. however I noticed that I could hear signals in the Weskit regen I could not hear at all in the DX394. At first I figured perhaps I was on a different freq so I dug out sig gen and did some more testing. I wasn't. Both were right on the same freq (7051.7) The extra stations I could and can hear on the regen were W7 and W8s and were easy to hear although not super strong. The Dx394 could not even pick them up or if it could just their presence but not copyable. And I have a lot more throttle in the regen left while the rf gain on the Dx394 was set full open. So I tried my other RXs. My HR10B which is no great shakes anyway but certainly a serviceable set as well as my Dx150 Realistic which isn't a bad set in its own right. As well as my No 19 Ws sets receiver which is not very selective but quite sensitive. Same result. There is no denying it . It is too obvious and too large a difference to ignore.
I have had similar esults with my Twinplex upstairs comparing it to my 9-59R trio or my TS830S's RX.
A simple triode regen with an audio amp added (preferably resistance coupled which avoids the howl) is a very practical rx even today for one who can run it.. The more we add to that design the less they seem to perform. And so it was with the first Flying Doctor RXs. He mus thave known that aswell because his rebuild took care of exactly that. Anyway should quit now. I get too into this fun stuff. I do just love this kind of radio though. Much of it is Lou's fault. He got me interested in the BK style rigs and now I can't stop building. (Thank you Lou!)
donVe3LYX

14000. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-13 20:10:56 UTC
From: Louis Vermond
Topic: 130 Message: 14000

http://www.ebay.com/itm/ham-radio-crystal-controlled-oscillator-/322225208183?hash=item4b061e7b77:g:PREAAOSwMtxXrPBl

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This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14001. From Cootie to Keyer project completed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-14 10:47:12 UTC
From: dulmagedon@...
Topic: 14001 Message: 14001

I don't know if anyone here has any interest but since I hang out here the most and we had talked about it I felt it was only fair to give this here. It is a very short, low res video of the wooden keyer I made this week in action that we were discussing earlier. It does work very well (for me anyway.) It automatically makes the "dah" on left swing. If you have ever worked me on CW you know I cannot send like this with a straight key. Not even close in fact.
donVe3LYX
https://www.youtube.com/watch?v=A7Azpm8u76o&feature=youtu.be
https://www.youtube.com/watch?v=A7Azpm8u76o&feature=youtu.be

14002. RE: [AWA Group] From Cootie to Keyer project completed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-14 12:26:22 UTC
From: Mike Feher
Topic: 14001 Message: 14002

Good video Don. However, I did not see it automatically sending dahs. I saw you manually entering the dahs you needed. Of course in that video you only needed two successive dahs for the Q, and you moved your hand to the left twice at the beginning of each ,Q. I would like to see it send multiple successive dahs, as I do not see how it can do that from the construction.. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@...m]
Sent: Sunday, August 14, 2016 6:47 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] From Cootie to Keyer project completed

I don't know if anyone here has any interest but since I hang out here the most and we had talked about it I felt it was only fair to give this here. It is a very short, low res video of the wooden keyer I made this week in action that we were discussing earlier. It does work very well (for me anyway.) It automatically makes the "dah" on left swing. If you have ever worked me on CW you know I cannot send like this with a straight key. Not even close in fact.
donVe3LYX
https://www.youtube.com/watch?v=A7Azpm8u76o
<https://www.youtube.com/watch?v=A7Azpm8u76o&feature=youtu.be> &feature=youtu.be

14003. RE: [AWA Group] From Cootie to Keyer project completed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-14 13:45:43 UTC
From: dulmagedon@...
Topic: 14001 Message: 14003

Well perhaps you misunderstood Mike.. It is not an electronic keyer. It is manual BUT: When you swing left it makes dahs when you swing right it makes dits. Certainly the operator picks the moment and direction but I do not form the dah. I only pick the moment. It makes the longer contact duration because of the left hand switch design and moment of intial contact. Ok let me put it another way. You CANNOT make a dit on a full left swing. Impossible. Whatever is sent on a left swing is always (approximately three times) longer contact duration then a right swing. No it doesn't go Dah dah dah dah by itself like a vibroplex does its dits. But a left hand swing always produces a longer contact duration then a right. I choose the contact connection moment of initial conduction by testing, moving the left hand extra contact along the arm manually till I was personally happy with the sound before I permanently fastened it to the main board. Perhaps some would like a longer dah (move extra contact closer to the pivot or dead end of the arm) or perhaps some would like it shorter (move extra left side contact closer to the grooved end or op end dowel.) On a left swing almost as soon as it is initiated the extra contactor on the smaller dowel on the left side of the arm completes the circuit and it stay completed as the swing left continues to the normal main contactor in the groove. That main contact serves more as a stop then a contact however it is required to keep it wired as well in case the arm or blade should bounce and a stutter be introduced. (An ounce of prevention beats a pound of cure) The left side contact is still there until the arm swings back on its natural springyness almost completley but not quite to zero or neutral position where the extra contact left circuit breaks open. So not only does it start early it finishes late. Adjustment of the extra contact is made so it breaks clean and doesn't accidentally trigger when the deck is bumped etc but it is as tight as possible clearance wise (approximately .024" I would say using my experience as an automotive machinist of some 45 years.)
On the right hand side there is no extra contact. Just the main one in the groove. So there is no conduction till it hits home. You could make a dah here if you wished I suppose by holding against the contact. For what reason I don't know. However you can not make a dit going left. it always is longer .
I know it may seem confusing. It is something I had thought about for years but never bothered with. After getting into the cootie thing and making one I couldn't resist trying it since it is so simple to add. I was surprised how well it worked. I hope that helps explain it at least some. It is probably an outgrowth of my work in rocker arm ratios and camshaft design which is an area I understand very well, involving ramp clearances, effective duration vrs advertised duration. Same sock factory, different area.
donVe3LYX

donVe3LYX

14004. RE: [AWA Group] From Cootie to Keyer project completed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-14 13:50:32 UTC
From: Mike Feher
Topic: 14001 Message: 14004

Got it. Interesting design. Thanks for the explanation 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, August 14, 2016 9:46 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] From Cootie to Keyer project completed

Well perhaps you misunderstood Mike.. It is not an electronic keyer. It is manual BUT: When you swing left it makes dahs when you swing right it makes dits. Certainly the operator picks the moment and direction but I do not form the dah. I only pick the moment. It makes the longer contact duration because of the left hand switch design and moment of intial contact. Ok let me put it another way. You CANNOT make a dit on a full left swing. Impossible. Whatever is sent on a left swing is always (approximately three times) longer contact duration then a right swing. No it doesn't go Dah dah dah dah by itself like a vibroplex does its dits. But a left hand swing always produces a longer contact duration then a right. I choose the contact connection moment of initial conduction by testing, moving the left hand extra contact along the arm manually till I was personally happy with the sound before I permanently fastened it to the main board. Perhaps some would like a longer dah (move extra contact closer to the pivot or dead end of the arm) or perhaps some would like it shorter (move extra left side contact closer to the grooved end or op end dowel.) On a left swing almost as soon as it is initiated the extra contactor on the smaller dowel on the left side of the arm completes the circuit and it stay completed as the swing left continues to the normal main contactor in the groove. That main contact serves more as a stop then a contact however it is required to keep it wired as well in case the arm or blade should bounce and a stutter be introduced. (An ounce of prevention beats a pound of cure) The left side contact is still there until the arm swings back on its natural springyness almost completley but not quite to zero or neutral position where the extra contact left circuit breaks open. So not only does it start early it finishes late. Adjustment of the extra contact is made so it breaks clean and doesn't accidentally trigger when the deck is bumped etc but it is as tight as possible clearance wise (approximately .024" I would say using my experience as an automotive machinist of some 45 years.)
On the right hand side there is no extra contact. Just the main one in the groove. So there is no conduction till it hits home. You could make a dah here if you wished I suppose by holding against the contact. For what reason I don't know. However you can not make a dit going left. it always is longer .
I know it may seem confusing. It is something I had thought about for years but never bothered with. After getting into the cootie thing and making one I couldn't resist trying

it since it is so simple to add. I was surprised how well it worked. I hope that helps explain it at least some. It is probably an outgrowth of my work in rocker arm ratios and camshaft design which is an area I understand very well, involving ramp clearances, effective duration vrs advertised duration. Same sock factory, different area.
donVe3LYX

donVe3LYX

14005. Hallicrafters HT-6 and HT-9 Tuning Units and Tank Coils WTB/WTT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-15 20:22:50 UTC
From: N3IBX
Topic: 14005 Message: 14005

?Greetings All,
? ? ? ? ? ? ? ? ? ? ? Would anyone have any tuning units and output tank coils for a Hallicrafters HT-6 and a HT-9 transmitter for sale or trade? I just acquired a HT-6 with it's chassis picked clean of all tubes, tuning units and coils, and would like to put it on the air again. I have a HT-9 missing some of it's tuning units and coils and would like to ad to my inventory of them to get on all bands when I complete the electrical restoration of it.?

Any help with the above requests or leads to tuning units and especially output tank coils will be greatly appreciated. Please email me at my regular email address: n3ibx@....

Mod-U-Later,
? ? ? ? ? ? ? ? ? ?Joe Cro N3IBX

14006. RE: [AWA Group] Hallicrafters HT-6 and HT-9 Tuning Units and Tank Coils WTB/WTT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-15 21:01:36 UTC
From: Mike Feher
Topic: 14005 Message: 14006

Joe –

About 30 or more years ago I sold an HT-9 to Joe Fell, W3GMS. I believe he has restored it, so, he may be a good resource for you. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, August 15, 2016 4:23 PM
To: awagroup@yahoogroups.com
Subject: [AWA Group] Hallicrafters HT-6 and HT-9 Tuning Units and Tank Coils WTB/WTT

Greetings All,

Would anyone have any tuning units and output tank coils for a Hallicrafters HT-6 and a HT-9 transmitter for sale or trade? I just acquired a HT-6 with it's chassis picked clean of all tubes, tuning units and coils, and would like to put it on the air again. I have a HT-9 missing some of it's tuning units and coils and would like to ad to my inventory of them to get on all bands when I complete the electrical restoration of it.

Any help with the above requests or leads to tuning units and especially output tank coils will be greatly appreciated. Please email me at my regular email address: n3ibx@verizon.net.

Mod-U-Later,

Joe Cro N3IBX

14007. RE: [AWA Group] Re: Adaptor Spy Set Adventures [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-15 22:27:10 UTC
From: dulmagedon@...
Topic: 13958 Message: 14007

Since buying this old blister for this experiment I have struggled to gt it up and running. A couple of times I wished , well U know. First thing I found is one tube forced wrong in the socket breaking the locating key. I was able to coax the broken piece free and repair the tube (crazy glue). I also found a trashed cathode resistor in the PA. Next I discovered a couple of hundred volts vanished as the B plus flowed through the speaker magnetizing coil which also doubles as a filter choke. I bypassed it with a HD filter choe from my junk box. Now I had to come up with a transformer and perm magnet speaker. I had made such a device with clipleads but had lent it to another collector and hd to go find it and retrieve it. Several paper caps were warm and some dripping. I replaced all but two with orange drop spraques of not exact but acceptable values. Finally I traced the final fault to a .002 cap and although I didnt have one a .001 orange drop stood in just fine. At 3:04pm the old 1930s set barked to life. It is a pretty good working radio I think. Has a good Rf stage ahead of the main set so seems pretty decent. It cover broadcast of course but also 160M but stops right at 3.5 mcs. Next band starts at 5.6 mcs . However it covers 40M and I have already tested the adapter set in this set using its 6F6 tube in the Tx socket. I wanted to try a QSO with MCW but I think it would be frowned on. So I arranged for a friend to stop by tomorrow and operate my No 19 set into a old style dummy load on MCW and see of I can receive with the earphones plugged into my adapter and if I can return the signal. That is about as close as I can get to real life conditions of 1935 to 1945. I know our US friends are not allowed MCW in the HF bands. We may or may not be. I cannot tell for sure but I sure am not going to phone and asked. Never invite government trouble is my motto. I will have to be happy with the dummy load in a nearby room.
Anyway if that goes well I will have completed the project and tried everything I wished in some form.
donVe3LYX
Set is a Stromberg - Carlson Model 61 as would have been found in many homes around here in the late 1930s early 1940s. I also tried the set today in my brothers GE H-77 floor radio. Worked fine. It also has several SW bands.

14008. Antique Wireless Association Schedule of Current On-The-Air Events 2016 - 2017

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-16 16:57:21 UTC
From: Louis Vermond
Topic: 14008 Message: 14008

Antique Wireless Association Schedule of Current On-The-Air Events.... 2016 - 2017

This schedule lists our current events including the last event for 2016 and the first 3 for 2017 which makes more sense than listing them by year. Final details on each of these events (including rules and log sheets) will be available on the AWA website www.antiquewireless.org about one month before the event. For additional information contact Tim Walker, W1GIG@... Good luck and have fun!

2016

Event: AWA Bruce Kelley Memorial CW QSO Party

Dates: Sat. Dec. 10 @ 2300 GMT to Sun. Dec. 11 @ 2300 GMT

And Sat. Dec. 17 @ 2300 GMT to Sun. Dec. 18 @ 2300 GMT

Bands: 160, 80 and 40 Meters

Special Conditions: Contest is for those who design and build low power self excited oscillators (no crystals!) from the 1920’s. Open only to hams using transmitters meeting the requirements, both AWA members and visitors. Design must predate 1929 and use early tubes. Construction to conform to design using the earliest parts available. Receivers, old is better, but not required. High scorers should send in full details on equipment design and station photos. Logs are due four weeks after event

2017

Event: AWA Linc Cundall Memorial CW Contest

Dates: Wed. Jan. 11 @ 2300 GMT to Thu. Jan. 12 @ 2300 GMT

And Sat. Jan. 14 @ 2300 GMT to Sun. Jan 15 @ 2300 GMT

Bands: 160, 80 and 40 Meters.

Special Conditions: Contest designed to favor those using low power and equipment constructed before 1950. But, all are welcome, AWA members and visitors both. High scorers should send in full details on equipment and station photos. Get that WW II surplus on the air! Logs are due four weeks after contest.

Event: AWA Amplitude Modulation QSO Party

Date: Sat. Feb. 11 @ 2300 GMT to Sun. Feb. 12 2300 GMT

Bands: 160, 80, 40 and 20 Meters

Special Conditions: AM is required. All ages of equipment and all power levels. Extra credit for working one or more Flagship Stations, typically W2AN (AWA) and W1HRX (Millen’s

personal call). Please send us a log so we know who is out there. They are due four weeks after the event.

Event: AWA John Rollins Memorial DX Contest

Dates: Wed. Mar. 08 @ 2300 GMT to Thu. Mar. 09 @ 2300 GMT

And Sat. Mar. 11 @ 2300 GMT to Sun. Mar. 12 @ 2300 GMT

Bands: 40 and 20 Meters

Special Conditions: CW contest designed to favor those using equipment constructed before 1960 with straight keys. But, all are welcome, AWA members and visitors both. High scorers should send in full details on equipment and station photos. Logs are due four weeks after contest.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14009. Re: [AWA Group] Antique Wireless Association Schedule of Current On-The-Air Events 2016 - 2017

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-16 17:28:41 UTC
From: aflowers@frontiernet.net
Topic: 14008 Message: 14009

Not to split hairs, but I thought that the BK design requirement (however interpreted in practice) was to "predate 1930", not 1929. To me, the way this is worded implies *1928* designs or earlier. (Somewhere in my mind's eye I see Ross Hull holding the Wouff-Hong and shaking his head in disapproval.) I don't expect there are there are any changes to the rules, but a newbie like me might get confused. Lots of good things happened in 1929, including ever-popular '45 tubes.
I've never participated in a BK event, so this year I picked a year (1924) to design for, started reading period sources, and decided to go for it. It's been a blast thus far, and whatever small dent went in the wallet has been well worth the learning.
Andy K0SM/2

On Tuesday, August 16, 2016 12:55 PM, "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Antique Wireless Association Schedule of Current On-The-Air Events.... 2016 - 2017
This schedule lists our current events including the last event for 2016 and the first 3 for 2017 which makes more sense than listing them by year. Final details on each of these events (including rules and log sheets) will be available on the AWA website www.antiquewireless.org about one month before the event. For additional information contact Tim Walker, W1GIG@... Good luck and have fun! 2016 Event: AWA Bruce Kelley Memorial CW QSO Party Dates: Sat. Dec. 10 @ 2300 GMT to Sun. Dec. 11 @ 2300 GMT And Sat. Dec. 17 @ 2300 GMT to Sun. Dec. 18 @ 2300 GMT Bands: 160, 80 and 40 Meters Special Conditions: Contest is for those who design and build low power self excited oscillators (no crystals!) from the 1920's. Open only to hams using transmitters meeting the requirements, both AWA members and visitors. Design must predate 1929 and use early tubes. Construction to conform to design using the earliest parts available. Receivers, old is better, but not required. High scorers should send in full details on equipment design and station photos. Logs are due four weeks after event 2017 Event: AWA Linc Cundall Memorial CW Contest Dates: Wed. Jan. 11 @ 2300 GMT to Thu. Jan. 12 @ 2300 GMT And Sat. Jan. 14 @ 2300 GMT to Sun. Jan 15 @ 2300 GMT Bands: 160, 80 and 40 Meters. Special Conditions: Contest designed to favor those using low power and equipment constructed before 1950. But, all are welcome, AWA members and visitors both. High scorers should send in full details on equipment and station photos. Get that WW II surplus on the air! Logs are due four weeks after contest. Event: AWA Amplitude Modulation QSO Party Date: Sat. Feb. 11 @ 2300 GMT to Sun. Feb. 12 2300 GMT Bands: 160, 80, 40 and 20 Meters Special Conditions: AM is required. All ages of equipment and all power levels. Extra credit for working one or more Flagship Stations, typically W2AN (AWA) and W1HRX (Millen's personal call). Please send us a log so we know who is out there. They are due four weeks after the event. Event: AWA John Rollins Memorial DX Contest Dates: Wed. Mar. 08 @ 2300 GMT to Thu. Mar. 09 @ 2300 GMT And Sat. Mar. 11 @ 2300 GMT to Sun. Mar. 12 @ 2300 GMT Bands: 40 and 20 Meters Special Conditions: CW contest designed to favor those using equipment constructed before 1960 with straight keys. But, all are welcome, AWA members and visitors both. High scorers should send in full details on equipment and station photos. Logs are due four weeks after contest.

| | Virus-free. www.avast.com |

14010. Re: [AWA Group] Antique Wireless Association Schedule of Current On-The-Air Events 2016 - 2017

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-16 17:43:55 UTC
From: dulmagedon@...
Topic: 14008 Message: 14010

So when one wins what does one get. Honorable mention on the web site(done)? A frameable certificate or what? I was told by someone they had several plaques on the wall. Must have been a figure of speech. Did I miss something or simply misunderstood? Not that it is a big deal but I am curious.
donVe3LYX

14011. Re: [AWA Group] Antique Wireless Association Schedule of Current On-The-Air Events 2016 - 2017

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-16 17:53:20 UTC
From: N1BUG
Topic: 14008 Message: 14011

If you are referring to the Bruce Kelley event, it's not a figure of speech Don. I can verify that whoever has the highest score gets a very nice plaque to hang on the wall. They are about 8 x 10-1/2 inches, dark hardwood with a nice brass plate on the front. I had a picture somewhere, but can't seem to locate it right now.

Paul

14012. Re: [AWA Group] Antique Wireless Association Schedule of Current On-The-Air Events 2016 - 2017

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-16 18:12:11 UTC
From: Louis Vermond
Topic: 14008 Message: 14012

"predate 1930" is, of course, correct.

Time left to BK 2016
UTC
109 : 04 : 49 : 23
Day Hr Min Sec

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https://www.avast.com/antivirus

14013. Re: [AWA Group] Antique Wireless Association Schedule of Current On-The-Air Events 2016 - 2017

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-16 19:20:51 UTC
From: N1BUG
Topic: 14008 Message: 14013

According to today's announcement, the BK does not conflict with ARRL 160 this year!!! Yay!!!

The BK countdown timer has been corrected now that we know the dates...

73,

Bugsy

(taking a long time out to enjoy other aspects of this diverse hobby)

14014. Re: [AWA Group] Antique Wireless Association Schedule of Current On-The-Air Events 2016 - 2017

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-16 19:51:39 UTC
From: Louis Vermond
Topic: 14008 Message: 14014
Attachments: 1 described; binary payloads are missing from this source WARC

The BK countdown timer has been corrected now that we know the dates...

Time left to BK 2016
UTC
109 : 03 : 13 : 44
Day Hr Min Sec

109

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https://www.avast.com/antivirus

14015. Re: [AWA Group] Antique Wireless Association Schedule of Current On-The-Air Events 2016 - 2017

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-16 19:59:34 UTC
From: N1BUG
Topic: 14008 Message: 14015
Attachments: 1 described; binary payloads are missing from this source WARC

It says 116 days on my computer after I plugged in Dec. 10 and restarted the counter. We had originally assumed Dec. 3. Please be sure to refresh the page...

On 08/16/2016 03:51 PM, 'Louis Vermond' ldvermond@... [AWAGroup] wrote:

The BK countdown timer has been corrected now that we know the dates...

?

Time left to BK 2016

UTC

109

:

03

:

13

:

44

Day

Hr

Min

Sec

?

109

(https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient)

Virus-free. www.avast.com (https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient)

14016. Re: [AWA Group] Antique Wireless Association Schedule of Current On-The-Air Events 2016 - 2017

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-16 20:37:18 UTC
From: Louis Vermond
Topic: 14008 Message: 14016
Attachments: 1 described; binary payloads are missing from this source WARC

http://n1bug.com/BKcountdown.html

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14017. Re: [AWA Group] Antique Wireless Association Schedule of Current On-The-Air Events 2016 - 2017

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-16 20:47:32 UTC
From: Larry Szendrei
Topic: 14008 Message: 14017

On 8/16/16 1:43 PM, dulmagedon@... [AWAGroup] wrote:
>
> So when one wins what does one get. Honorable mention on the web
> site(done)? A frameable certificate or what? I was told by someone
> they had several plaques on the wall. Must have been a figure of
> speech. Did I miss something or simply misunderstood? Not that it is a
> big deal but I am curious.
> donVe3LYX
>

I think that was me, Don. 3 real plaques on the wall for "winning" the
AWA AM QSO Party in 2011, 2013, and 2015, occupying 3-dimensional
spatial coordinates! ;-)

73,
-Larry/NE1S

> .
>
>

14018. Re: [AWA Group] Antique Wireless Association Schedule of Current On-The-Air Events 2016 - 2017

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-16 21:01:48 UTC
From: dulmagedon@...
Topic: 14008 Message: 14018

Oh Ok. The reason I asked was it has been quite awhile and I aint seen nothin nor even had an email. I know it was a lucky win perhaps for me but I would like something to hang on the wall since it is unlikely to ever happen again once the more experienced are back in the game. I am somewhat shy (I know you wouldn't have believed it but I am) I don't know how to deal with this. I would have thought if there was something, even a printable certificate I would have it by now or am I rushing things? I don't want to cause any trouble but can't help but wonder.
donVe3LYX

14019. Re: [AWA Group] Antique Wireless Association Schedule of Current On-The-Air Events 2016 - 2017

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-16 21:10:45 UTC
From: N1BUG
Topic: 14008 Message: 14019

Don it does take some time for the plaques to show up. Last year I think they held them until after the convention to see how many they could hand out there (if the winners were there) before mailing them out. I got my plaque for the 2014 BK in mid September 2015 (10 months after the event). Not complaining, just commenting that it does take time. In other (non-AWA) contests it often takes 12 months as they mail them out just before the next running of a contest.

Paul

On 08/16/2016 05:01 PM, dulmagedon@... [AWAGroup] wrote:

Oh Ok. The reason I asked was it has been quite awhile and I aint seen nothin nor even had an email.

14020. Re: [AWA Group] Antique Wireless Association Schedule of Current On-The-Air Events 2016 - 2017

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-16 22:00:02 UTC
From: Larry Szendrei
Topic: 14008 Message: 14020

Ditto what Paul said. It takes a while.

On 8/16/16 5:10 PM, N1BUG paul@... [AWAGroup] wrote:
>
> Don it does take some time for the plaques to show up. Last year I
> think they held them until after the convention to see how many they
> could hand out there (if the winners were there) before mailing them
> out. I got my plaque for the 2014 BK in mid September 2015 (10 months
> after the event). Not complaining, just commenting that it does take
> time. In other (non-AWA) contests it often takes 12 months as they
> mail them out just before the next running of a contest.
>
> Paul
>

14021. Re: [AWA Group] Antique Wireless Association Schedule of Current On-The-Air Events 2016 - 2017

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-17 10:30:08 UTC
From: dulmagedon@...
Topic: 14008 Message: 14021

Ok, No problem. I can understand that. Thanks both of you.
donVe3LYX

14022. RE: [AWA Group] Re: Adaptor Spy Set Adventures [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-17 13:52:44 UTC
From: dulmagedon@...
Topic: 13958 Message: 14022

I finished this all just now. I plugged in the spy adapter set to the old Stromberg Carlson. Warmed up the No 19 WS on MCW and hooked it to my dummy load. The two sets are in different rooms. I tuned the Stromberg to the same freq as the crystal (before plugging it in) I put my video camera between the earphones and plugged them into the adapter set plug where it goes into the socket. It steals audio from pin 5 which is the Audio PA grid or the Audio driver plate (north of the coupling capacitor) and ground. It works quite well. I sent a signal and it was easily heard in the earphones so we know that works. Set tunes freq as normal and is actually very selective. Better then my No 19 is. Then changing nothing I put the No 19 on Rx (pullout the key plug a bit and switch to CW)
I sent a reply from the adapter set. I used German (Karl ?K... Ja Ich bin hier K) just to keep it all period correct. I had no real antenna hooked to it but just clipped it to a voltmeter lead to ease my conscience. Could be heard in the WS No 19 and I recorded it as well. The 6f6 in the Stromberg is a bit stubborn. I dont know if that is because it is tired. (only 78 years old.) or perhaps it isn't a wonderful PA tube. I don't know because I don't have a spare to compare however I popped in an average 6v6 I have and it worked fine. In fact it is now in the set as an audio tube and is noticeable stronger. Whether that is tube characteristics or wear factor I am not sure. Since voltage is the same (same radio, same socket)although the 6v6 can stand much more I suspect it is a semi bum 6f6 ube.
Anyway. It works. I am satisfied that it would certainly be possible to carry on operations, both send and receive, in this manner. However I wanted to actually do it and be absolutely sure it all works. Beyond this ?
I may drag it out for the Linc Cundall event or something.
Anyway, It has been for me an interesting and fun project.
donVe3LYx

---In AWAGroup@yahoogroups.com, <dulmagedon@...> wrote :

Since buying this old blister for this experiment I have struggled to gt it up and running. A couple of times I wished , well U know. First thing I found is one tube forced wrong in the socket breaking the locating key. I was able to coax the broken piece free and repair the tube (crazy glue). I also found a trashed cathode resistor in the PA. Next I discovered a couple of hundred volts vanished as the B plus flowed through the speaker magnetizing coil which also doubles as a filter choke. I bypassed it with a HD filter choe from my junk box. Now I had to come up with a transformer and perm magnet speaker. I had made such a device with clipleads but had lent it to another collector and hd to go find it and retrieve it. Several paper caps were warm and some dripping. I replaced all but two with orange drop spraques of not exact but acceptable values. Finally I traced the final fault to a .002 cap and although I didnt have one a .001 orange drop stood in just fine. At 3:04pm the old 1930s set barked to life. It is a pretty good working radio I think. Has a good Rf stage ahead of the main set so seems pretty decent. It cover broadcast of course but also 160M but stops right at 3.5 mcs. Next band starts at 5.6 mcs . However it covers 40M and I have already tested the adapter set in this set using its 6F6 tube in the Tx socket. I wanted to try a QSO with MCW but I think it would be frowned on. So I arranged for a friend to stop by tomorrow and operate my No 19 set into a old style dummy load on MCW and see of I can receive with the earphones plugged into my adapter and if I can return

the signal. That is about as close as I can get to real life conditions of 1935 to 1945. I know our US friends are not allowed MCW in the HF bands. We may or may not be. I cannot tell for sure but I sure am not going to phone and asked. Never invite government trouble is my motto. I will have to be happy with the dummy load in a nearby room.
Anyway if that goes well I will have completed the project and tried everything I wished in some form.
donVe3LYX
Set is a Stromberg - Carlson Model 61 as would have been found in many homes around here in the late 1930s early 1940s. I also tried the set today in my brothers GE H-77 floor radio. Worked fine. It also has several SW bands.

14023. Re: Hallicrafters HT-6 and HT-9 Tuning Units and Tank Coils WTB/WTT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-17 16:17:59 UTC
From: wn2ami@...
Topic: 14005 Message: 14023

Hi Joe and group
I have a mint HT-9 that I last used in the 1980s.
I bought it from a Hallicrafters salesmen who sold
many HT-9s to tropical broadcast stations in central america.
He said they really made for commercial duty.
I beieve I have all the plug-ins or close to it.
I just do not have the room to set it up in the new qth.
Let alone, the BC-610, speech amp and antenna tuner that sit idle
stacked in the corner.
b gud
b well
bob...w2ami x wn2ami 1962

14024. Re: [AWA Group] Re: Hallicrafters HT-6 and HT-9 Tuning Units and Tank Coils WTB/WTT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-17 16:51:00 UTC
From: N3IBX
Topic: 14005 Message: 14024

Hello Bob,
? ? ? ? ? ? ? ? I appreciate you getting back to me about your HT-9 and curls you have for it. I could be interested in one of the following.?

1) The HT-9 you have with all of the curls and tuning units you have for it.

2) The 160M coil specifically if it may be available along with the 80M coil if you would split them up. If not, just the 160M coil. ?Ditto on any tuning units you have for the aforementioned coils.

Not that it is important, but rather a matter of curiosity, is your HT-9 "black" (pre-war) or "gray" (1945/46 version)?

Please let me know what you are looking for get for the complete HT-9 "package" with it's curls, any tooning unicks, etc etc. and if available the 160M curl you may or may not have for it. As with anything else, My funds are somewhat limited due to both Jocelyn and I being retired now, BUT may be able to swing both as Jocelyn's Christmas present to me!?

I'd LOVE to do a visit and pickup of both the AR-88 AND the HT-9 if you still have both. They would make a great station together! Optionally, my SX-28 or 28A wouldn't mind doing rx duty next to your HT-9.?

BTW, do you have a knowledge of the speech amp sets the HT-6 has? I believe the early ones used a 6F5 and another low mu triode as the speech amp, and the later HT-6 used the triode section out of a 6SQ7 and another triode or dual triode. Any information you may have would be greatly appreciated so I can proceed with the HT-6 I have. ?;

Hello to Alice from Jocelyn and I and looking forward to hearing from you!

Joe NTree-IBX
?
?
On 08/17/16, wn2ami@... [AWAGroup] wrote:
?
?

Hi Joe and group
I have a mint HT-9 that I last used in the 1980s.
I bought it from a Hallicrafters salesmen who sold
many HT-9s to tropical broadcast stations in?central america.
He said they really made for commercial duty.
I beieve I have all the plug-ins or close to it.
I just do not have the room to set it up in the new qth.?
Let alone, the BC-610, speech amp and antenna tuner that sit idle
stacked in the corner.??
b gud

b well
bob...w2ami x wn2ami 1962

?

14025. Ribbon mic "Re-Ribboning" Service needed:

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-18 10:36:03 UTC
From: N3IBX
Topic: 14025 Message: 14025

Hello All,
I have a nice RCA 74B ribbon microphone in need of servicing. Would anyone know of a re-ribbonng service for this type of microphone?
Any leads or information will be appreciated. Thank you in advance for any help.

Best regards,
Joe Cro N3IBX

14026. Re: Adaptor Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-20 18:17:46 UTC
From: dulmagedon@...
Topic: 13958 Message: 14026

I am still interested in Spy activity (as it relates to my adapter set experiments) just before the WW2 and so keep poking away at it in my spare time.
Just stumbled onto this from 1936 Marine Archives.
" At the present time, Picton is the main inland harbour for the Bay of Quinte area for the loading of water-borne cargoes for the markets of the world. Goods are brought to the local docks from an area of more than ffity miles. It is not uncommon to see ocean going vessels loaded at the Picton docks for overseas destinations.
[This document, author unknown, from a manuscript dated 1936. We have neither edited, nor corrected known errors]"
Timeline fits exactly. (1936 to 1939) What caught my eye was "Ocean Going Vessels"
The more I look the more interesting it becomes.

Belleville And Trenton both had several forms of Munitions manufacturing in full swing during the war. Picton or Port Milford are the harbours that would have been used. And there were and still are) four wartime military bases within 15 mile radius. 3 RCAF and One Canadian Army.

If there wasn't spy watching there should have been. I am beginning to think more and more my hunch may be correct.

donVe3LYX

14027. What is this?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-20 23:20:11 UTC
From: aflowers@frontiernet.net
Topic: 3811 Message: 14027
Attachments: 2 described; binary payloads are missing from this source WARC

I'm stumped on this, but that's probably because its a piece of spark or telegraph/telephone technology that I'm not familiar with. They have a heavy ceramic bases and three slabs of dark gray material sandwiched between the electrodes with very light spring tension--they just kinda sit in there loosely. The outer grey slabs are conductive, the larger inner one is not. It's labelled L.S. Brach Supply Co. There appear to be two separate units in parallel as it appears they were designed to do.
I'm looking to learn something new. Any hints?
Thanks,
Andy K0SM/2

14028. Re: [AWA Group] What is this? [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-21 03:13:41 UTC
From: MARK DOTY
Topic: 3811 Message: 14028
Attachments: 2 described; binary payloads are missing from this source WARC

I collect Spark and ARC stuff and my best guest is a spark gap or a Lightning protection but the two nuts on the right are a concern.They made Lightning protection for electrical apparatus; electrical supplies used by railroads for signal, telegraph, telephone, and selective call circuits. Radio products; telephone and telegraph apparatus; grounding devices.
mark
From: "'aflowers@...' aflowers@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: yahoogroups <awagroup@yahoogroups.com>
Sent: Saturday, August 20, 2016 4:20 PM
Subject: [AWA Group] What is this? [2 Attachments]

I'm stumped on this, but that's probably because its a piece of spark or telegraph/telephone technology that I'm not familiar with. They have a heavy ceramic bases and three slabs of dark gray material sandwiched between the electrodes with very light spring tension--they just kinda sit in there loosely. The outer grey slabs are conductive, the larger inner one is not. It's labelled L.S. Brach Supply Co. There appear to be two separate units in parallel as it appears they were designed to do.
I'm looking to learn something new. Any hints?
Thanks,
Andy K0SM/2

14029. Re: [AWA Group] What is this? [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-21 04:14:41 UTC
From: aflowers@frontiernet.net
Topic: 3811 Message: 14029
Attachments: 2 described; binary payloads are missing from this source WARC

Mark,
I think you provided the necessary hint. It's appears that it might be a carborundum lightning arrester. I've never hear of one, but I've never paid much attention to lightning arresters. It would explain why it was in a box that had some other crystal detector odds bits. It's probably intended to be a supply of detector material.
Thanks!
Andy K0SM/2

On Saturday, August 20, 2016 11:13 PM, "MARK DOTY IFMAD@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  I collect Spark and ARC stuff and my best guest is a spark gap or a Lightning protection but the two nuts on the right are a concern.They made Lightning protection for electrical apparatus; electrical supplies used by railroads for signal, telegraph, telephone, and selective call circuits. Radio products; telephone and telegraph apparatus; grounding devices.
mark
From: "'aflowers@...' aflowers@frontiernet.net [AWAGroup]" <AWAGroup@yahoogroups.com>
To: yahoogroups <awagroup@yahoogroups.com>
Sent: Saturday, August 20, 2016 4:20 PM
Subject: [AWA Group] What is this? [2 Attachments]

  I'm stumped on this, but that's probably because its a piece of spark or telegraph/telephone technology that I'm not familiar with. They have a heavy ceramic bases and three slabs of dark gray material sandwiched between the electrodes with very light spring tension--they just kinda sit in there loosely. The outer grey slabs are conductive, the larger inner one is not. It's labelled L.S. Brach Supply Co. There appear to be two separate units in parallel as it appears they were designed to do.
I'm looking to learn something new. Any hints?
Thanks,
Andy K0SM/2

14030. RE: [AWA Group] What is this? [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-21 14:05:09 UTC
From: Mike Feher
Topic: 3811 Message: 14030
Attachments: 2 described; binary payloads are missing from this source WARC

I believe it is a lightning arrestor for telephone circuits. – 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, August 21, 2016 12:15 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] What is this? [2 Attachments]

Mark,

I think you provided the necessary hint. It's appears that it might be a carborundum lightning arrester. I've never hear of one, but I've never paid much attention to lightning arresters. It would explain why it was in a box that had some other crystal detector odds bits. It's probably intended to be a supply of detector material.

Thanks!

Andy K0SM/2

On Saturday, August 20, 2016 11:13 PM, "MARK DOTY IFMAD@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

I collect Spark and ARC stuff and my best guest is a spark gap or a Lightning protection but the two nuts on the right are a concern.

They made

Lightning protection for electrical apparatus; electrical supplies used by railroads for signal, telegraph, telephone, and selective call circuits. Radio products; telephone and telegraph apparatus; grounding devices.
mark

From: "'aflowers@frontiernet.net' aflowers@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: yahoogroups <awagroup@yahoogroups.com>
Sent: Saturday, August 20, 2016 4:20 PM
Subject: [AWA Group] What is this? [2 Attachments]

I'm stumped on this, but that's probably because its a piece of spark or telegraph/telephone technology that I'm not familiar with. They have a heavy ceramic bases

and three slabs of dark gray material sandwiched between the electrodes with very light spring tension--they just kinda sit in there loosely. The outer grey slabs are conductive, the larger inner one is not. It's labelled L.S. Brach Supply Co. There appear to be two separate units in parallel as it appears they were designed to do.

I'm looking to learn something new. Any hints?

Thanks,

Andy K0SM/2

Inline image
Inline image

14031. Andy -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-21 20:17:33 UTC
From: Mike Feher
Topic: 14031 Message: 14031

Congratulations to Andy for winning a prize at AWA. I'll leave it to him to tell the details. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

14032. Re: [AWA Group] Andy -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-21 20:28:08 UTC
From: Larry Szendrei
Topic: 14031 Message: 14032

Congratulations, Andy. Yes, please tell us what it was for.

I was at the conference Thursday and the first half of Friday, also at the museum Wednesday night. I didn't attend the awards banquet. Too bad our paths didn't cross; it would be good to meet in person.

73,
-Larry/NE1S

On 8/21/16 4:17 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> Congratulations to Andy for winning a prize at AWA. I?ll leave it to
> him to tell the details. 73 ? Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>

14033. New "1924" transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-22 01:25:27 UTC
From: aflowers@frontiernet.net
Topic: 14033 Message: 14033
Attachments: 2 described; binary payloads are missing from this source WARC

Here's a couple pictures of the transmitter that won the Matlack award this year, to which Mike was alluding. It's a reconstructed "1924" transmitter for the new 80m and 40m amateur bands that amateurs got that fall. I'd tried to make this as close to a 1924 as possible from here in 2016. It uses all parts that were available in late 1924 and constructed following period guidance in magazines or other sources of knowledge that were available then. For example, the plate-block and grid condensers were homebrew from mica, copper sheet, and salvaged bakelite according to an article in "Radio" from Feb 1924. The inductance is solid copper and wound and mounted according to instructions published in early 1925. The choke comes from a 1923 QST article and some suggestions in the old Radio Corp. apparatus catalog. For the manufactured components (meters, jack, variable condensers, binding posts) I found advertisements to verify availability in the fall of 1924. For example, Weston changed from "Co." to "Corp." in early 1925, and at some point this was reflected on the meters themselves. I had to use the "Co." variety for this project....

The circuit is a Hartley with parallel UV-202s and center tap keying. The "oversize" RCA rheostat--which they advertised for use with UV203's and UV204's has enough range to allow operation of parallel UV202's with both a period 10V and a 8V storage battery, or an AC filament transformer depending on what kind of power you had available back then. (You can jumper the center tap to one of the A terminals if you are using a DC source for the filament and don't want a resistive divider). It would be versatile, particularly if your AC was not reliable and you wanted to be. Remember, two 202's will draw in the ballpark of 4.5A of filament current, which is getting close to the 6A a single UV203 would draw. RCA wanted you to use one PR-535 on each tube, which was a couple dollars cheaper in 1922, but that didn't allow you to use constant filament voltage with a single meter as you were supposed to do in 1924!

I worked Lou with it, although I think I had 71A's in the sockets at the time. He also saw it putting out several watts at his house with a pair of 10's. It sounds fabulous on 80m, but I haven't been able to get a good tone out of in on 7MHz. Of course, tone quality standards had to have been pretty low in 1924. My HV supply is having some issues right now and I haven't been able to see just how much it will put out with the 202's at rated plate voltage, but once I get that straightened out I'll let people know and I'll put it back on the air some evening. It should loaf along at the BK power limits this December.

Andy K0SM/2

14034. Re: New "1924" transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-22 02:28:04 UTC
From: dulmagedon@...
Topic: 14033 Message: 14034

Congrats Andy!
Obviously a lot of thought time and effort went into this project. Nice to see it recognized. Look forward to working it on 40m next time you warm it up.
donVe3LYX

14035. Re: [AWA Group] New "1924" transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-22 03:28:30 UTC
From: Louis Vermond
Topic: 14033 Message: 14035
Attachments: 1 described; binary payloads are missing from this source WARC

Andy,

I was thinking the mentioned award must have been the Matlack considering what you have accomplished. Vry FB, OM.

73, Lou
VE3AWA

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14036. News from the spyfront: 2x Type 10 transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-22 08:02:42 UTC
From: thomas.hoeppe@...
Topic: 14036 Message: 14036
Attachments: 1 described; binary payloads are missing from this source WARC

Hello!

Don opened the spy topic with his interesting adapter transmitter, and his reports to use it in combination with the right domestic radio receiver. As I told you when I introduced myself here on the reflector, building spyset replicas is one of the main parts of the "vintage hobby" in my case. I built some units from the SOE, some German "Abwehr" (WW2 military secret service of the Germans) and others, Recently I finished the CMS receiver, and next will be the CMS transmitter.
I was always interesting to get more technical information about the radio sets used by the "Red Orchestra". This was the name the German "Abwehr" gave the communist spy networks in Europe during WW2. There were several subgroups active. A lot of books and movies are available, but the technical background remains a miracle. It is reported that they often built their radiosets in small local workshops. These days I stepped over a book where there was a schematic printed in. It is the transmitter of Dr. Sorge, a communist spy that worked against Hitler-Germany in Japan. He collected war-imprtant information and sent it to Moscow. He was caught by the Japanese secret police, who made drawings from the local setup of the transmitter and from the schematic. The drawings are of very bad resolution. Some parts are inscriped in Japanese letters, and I can't read that. I tried to redraw the schematic. If there are lines crossing themselves, there are either "half-loops" to show there is no connection, or dots to say there is connection. One crossing is unclear. There was no loop and no dot. I marked that point in red. May be someone has an idea!
The schematic is amazing. It uses 2x Type 10 (UX-210) tubes. They are rare in Europe, but common in North America. Some of you use them in the Hartleys or TPTG transmitters. In that schematic they use "self rectification". You can't expect a T9 tone, hi. May be this transmitter design is interesting for some of you in comparison of your vintage type 10 designs. Any ideas about that unclear point are wellcome!

73s de Tom, DJ5RE

14037. Re: News from the spyfront: 2x Type 10 transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-22 09:17:55 UTC
From: dulmagedon@...
Topic: 14036 Message: 14037

I have a detailed article by the famous Ross Hull on the subject of self rectification and post 1929 operation,
I will send you the schematic he has for how to build it and use it.
His final statement is surprising.
"..the self rectified transmitter is an entirely practical proposition so long as the amateur is willing to build it correctly and maintain it in precise adjustment. " He said it was his conclusion after weeks of "dabbling with the design"
I have thought of building a 01A version just to see however I may already have too many sets.
The one in Hulls article used ux-852 tubes. He goes into great detail on how to avoid the pitfalls of the design.
I will send you a pic of the schematic later today when I get enough natural light and perhaps you can use it to compare.
donVE3LYX

14038. Re: News from the spyfront: 2x Type 10 transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-22 10:28:05 UTC
From: Thomas Höppe
Topic: 14036 Message: 14038

Hello Don,

yes, I am very interested to read that article. I think Hull was the man of that time who proved that some designs are working much better then the common opinion said, when you take respect of some construction details. All those old schematics look simple on the first view, but the ups and downs are included in the details. Making this details right is a question of practical experiences. Knowing where you find the □knobs to turn□ in those designs is the tricky part of the game. The □old ones□ knew most of them. We have to find them again. But it□s an exciting affair, isn□t ?

TNX Tom, DJ5RE

14039. Re: New "1924" transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-22 10:38:52 UTC
From: prestonclark67@...
Topic: 14033 Message: 14039

It's really nice I need to start building again. 73
Preston
Kf5evv

14040. Re: News from the spyfront: 2x Type 10 transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-22 10:50:35 UTC
From: dulmagedon@...
Topic: 14036 Message: 14040

Most fun I have had in the hobby. All Lou's fault BTW.
I sent you the pic , the schematic and the parts list. I have some work to do for the XYL this morning (painting a room) then I will start scanning in a page at a time for you.
As for further adventures of the Adapter Set I had mentioned the 6f6 from the Stromberg Carlson was suspect SO I took the adapter set and plugged it into my bench supply (all my bench supplies are wired to the 7AC /7S standard tube base pinout so any set here can plug into any supply without disaster. The Adapter set also happens to use that so it works out nicely) . It is a bit better then the host radio would supply so I figured it was a good place to check it out with the 6f6 tube in the socket. result was identical. Tube works for about a minute or so then gets stubborn so It is safe to say it is a bummer. I am using a 6v6 in place of it but may order a new 6f6 just to keep everything honest. However that said it did work with the 6f6 in both the host set and the bench PSU so that part is still valid.
Taking up a notch I am wondering if any early hams would have added a BFO type function to an old home radio and used it as a station RX along with the ARRL version of the Adapter style TX. It seems to me for a poor boy set up (or cheapskate) it would have been very practical if anyone did. The Stromberg Carlson is a much better receiver then my Heath HR10B or my No 19's rx section or my BC454 . Very selective and very sensitive. So if one did make it ok for CW reception they would have a pretty decent station for the time.
So much so that I have decided to keep an eye open for another repairable chassis. I don't want to mess with this one as I want it honest to the spy adapter set application.
donVe3LYX

14041. Re: News from the spyfront: 2x Type 10 transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-22 11:36:23 UTC
From: Thomas Höppe
Topic: 14036 Message: 14041

Hello again Don!

The pictures of the Hull article arrived thanks!

I have also been thinking if normal AM receivers were modified with BFO. There is an interesting story. When I started with my Hartley, I had several contacts with Carlo, IZ4KBS. We made several test QSOs. He transmitted with his Hartley, and I made digital records of his transmission and sent them to him via Email. He told me about an Italien arctic expedition in the 20□ies. The transmitter was called □Ondina□. They used a vibrator style PSU with nearly no filtering. May be they wanted to keep the weight low, or the early electrolytic capacitors did not work in the cold. They got troubles and needed help, so they started transmitting. A russian BC listener received their signal and could get the morse code with his AM receiver, as it was modulated due to the lack of filtering. He called for help and they were rescued. Carlo built a vibrator PSU for his Hartley, with switchable filtering. He wanted to □simulate□ the sigs of this transmitter. It works! The hum in the signal makes the sigs readable in AM mode on the RX side! It is not perfect, but good enough for CW.

Less is more! It saved lifes in that case!

Tom

14042. Re: [AWA Group] Re: News from the spyfront: 2x Type 10 transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-22 12:32:16 UTC
From: aflowers@frontiernet.net
Topic: 14036 Message: 14042

It was interesting to me that the new 1924 amateur regulations in the US did not allow interrupted CW (chopper or buzzer modulation) anywhere except a small portion of the (old) 200m band. I can understand legislating out spark, but ICW shouldn't be quite the wideband source that spark was. I guess it was assumed that C.W. and the use of a BFO or regenerative receiver pushed into oscillation was the future. Claude Shannon was only 8 years old in 1924, but you can see there was an interest in using minimum necessary bandwidth to communicate information given the growing need for sharing spectrum among various services.
That said, lots of people ran some form of AC on the plate in the 20's and probably could be copied just fine without a BFO. I suppose a 500 cy. generator would sound pretty neat on a detector, but it would also be 1 kc wide before any IMD products!
Andy K0SM/2

On Monday, August 22, 2016 7:36 AM, "Thomas Höppe thomas.hoeppe@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Hello again Don! The pictures of the Hull article arrived…thanks! I have also been thinking if normal AM receivers were modified with BFO. There is an interesting story. When I started with my Hartley, I had several contacts with Carlo, IZ4KBS. We made several test QSOs. He transmitted with his Hartley, and I made digital records of his transmission and sent them to him via Email. He told me about an Italien arctic expedition in the 20’ies. The transmitter was called „Ondina“. They used a vibrator style PSU with nearly no filtering. May be they wanted to keep the weight low, or the early electrolytic capacitors did not work in the cold. They got troubles and needed help, so they started transmitting. A russian BC listener received their signal and could get the morse code with his AM receiver, as it was modulated due to the lack of filtering. He called for help and they were rescued. Carlo built a vibrator PSU for his Hartley, with switchable filtering. He wanted to „simulate“ the sigs of this transmitter. It works! The hum in the signal makes the sigs readable in AM mode on the RX side! It is not perfect, but good enough for CW. Less is more! It saved lifes in that case! Tom

14043. RE: [AWA Group] Re: News from the spyfront: 2x Type 10 transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-22 13:02:39 UTC
From: Mike Feher
Topic: 14036 Message: 14043

You are probably correct in your assumption by 1924. However, tube type CW transmitters were available to hams way before ’24, and a lot of times they used a chopper in the receiver end. If the receiver was a crystal set, or just a detector and amp, non regen., the CW could not be copied without a chopper in the receiver. BTW, congrats on the Matlack award. It is well deserved. A little birdie told me about it, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, August 22, 2016 8:32 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: News from the spyfront: 2x Type 10 transmitter

It was interesting to me that the new 1924 amateur regulations in the US did not allow interrupted CW (chopper or buzzer modulation) anywhere except a small portion of the (old) 200m band. I can understand legislating out spark, but ICW shouldn't be quite the wideband source that spark was. I guess it was assumed that C.W. and the use of a BFO or regenerative receiver pushed into oscillation was the future. Claude Shannon was only 8 years old in 1924, but you can see there was an interest in using minimum necessary bandwidth to communicate information given the growing need for sharing spectrum among various services.

That said, lots of people ran some form of AC on the plate in the 20's and probably could be copied just fine without a BFO. I suppose a 500 cy. generator would sound pretty neat on a detector, but it would also be 1 kc wide before any IMD products!

Andy K0SM/2

On Monday, August 22, 2016 7:36 AM, "Thomas Höppe thomas.hoeppe@asamnet.de [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Hello again Don!

The pictures of the Hull article arrived…thanks!

I have also been thinking if normal AM receivers were modified with BFO. There is an interesting story. When I started with my Hartley, I had several contacts with Carlo, IZ4KBS. We made several test QSOs. He transmitted with his Hartley, and I made digital records of his transmission and sent them to him via Email. He told me about an Italien arctic expedition in the 20’ies. The transmitter was called „Ondina“. They used a vibrator style PSU with nearly no filtering. May be they wanted to keep the weight low, or the early electrolytic capacitors did not work in the cold. They got troubles and needed help, so

they started transmitting. A russian BC listener received their signal and could get the morse code with his AM receiver, as it was modulated due to the lack of filtering. He called for help and they were rescued. Carlo built a vibrator PSU for his Hartley, with switchable filtering. He wanted to „simulate“ the sigs of this transmitter. It works! The hum in the signal makes the sigs readable in AM mode on the RX side! It is not perfect, but good enough for CW.

Less is more! It saved lifes in that case!

Tom

14044. Re: [AWA Group] Re: News from the spyfront: 2x Type 10 transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-22 14:18:38 UTC
From: dulmagedon@...
Topic: 14036 Message: 14044

I did not get the impression that Ross's self rectified design had a "bad" signal.
My impression was it works similar to a push pull deal. Anyway time will tell.
donVe3LYX
I use vib supplies here sometimes. Stolen from 1950s car radios. They work pretty good.
The big trouble is with direct heated tubes it doesnt work too well because the old suppplies have the heater and the B neg already grounded. however one could key the centre tap i suppose . I am not big on keying B plus.myself. With 1930s tubes , indirectly heated it works wonderful.
donVe3LYX

14045. Re: [AWA Group] Re: News from the spyfront: 2x Type 10 transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-22 14:46:08 UTC
From: Larry Szendrei
Topic: 14036 Message: 14045

On 8/22/16 10:18 AM, dulmagedon@... [AWAGroup] wrote:
>
> I did not get the impression that Ross's self rectified design had a
> "bad" signal.
> My impression was it works similar to a push pull deal. Anyway time
> will tell.
> donVe3LYX
>
With the properly designed and operated self-rectified designs you get the effect of a full-wave rectified, unfiltered HV supply: a carrier 100% modulated with a 120Hz sine wave, i.e., A2 telegraphy. By definition, not "T9."

73,
-Larry/NE1S

14046. Re: [AWA Group] Re: News from the spyfront: 2x Type 10 transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-22 16:18:05 UTC
From: Thomas Höppe
Topic: 14036 Message: 14046

Yes, that□s it. My DASD book fom 1931 learns me that T1-3 was the report you got with raw , unfiltered AC driven anodes .

Tom

14047. Re: [AWA Group] Re: News from the spyfront: 2x Type 10 transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-22 16:09:11 UTC
From: Thomas Höppe
Topic: 14036 Message: 14047

Hello Don!

I also don☐t like keying B+. I even don☐t like magnetic headphones for the receivers in the HV+ line of the final tube. I always add a choke and a relieable capacitor as DC blocker. I have some replicas where the originals had DC on the phones, but I changed that. Security is one thing, the other is I use a LS3 speaker very often. This one has one side on ground (1/4☐ connector) at the input side.

I also tested a vibrator PSU for the paraset. The voltage was fine, but the drop in voltage during TX was very high. I looked at the output without filtering. The ☐on☐ segments on the screen were very short, with long ☐off☐ phases between. No wonder thze voltage was not stable. May be the vibrator was already damaged.

Tom

14048. RE: [AWA Group] News from the spyfront: 2x Type 10 transmitter [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-22 16:41:32 UTC
From: Mike Feher
Topic: 14036 Message: 14048

Hi Tom –

That point that you have in red should obviously not be connected. If it was, there would be a 2500 pf to ground from the grids of the 10's, or at essentially at DC ground eliminating the feedback path. I am not sure of the reason for those caps other than to keep the variable from having the full DC on them. What do you mean by small workshops? Were they put together in Japan or in Russia? The Japanese copied a lot of our tubes directly and even gave them the same numbers. So, it is possible that 10s would be available in Japan. A lot of the Japanese tubes used in WWII can be directly substituted by US tubes. During the war, the Russians were our buddies, and also used some similar tubes as we did. 73 – Mike

BTW, I sent the same email over 4 hours ago and it never made it for some reason. So, two of them may show up. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, August 22, 2016 4:03 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] News from the spyfront: 2x Type 10 transmitter [1 Attachment]

Hello!

Don opened the spy topic with his interesting adapter transmitter, and his reports to use it in combination with the right domestic radio receiver. As I told you when I introduced myself here on the reflector, building spyset replicas is one of the main parts of the "vintage hobby" in my case. I built some units from the SOE, some German "Abwehr" (WW2 military secret service of the Germans) and others, Recently I finished the CMS receiver, and next will be the CMS transmitter.

I was always interesting to get more technical information about the radio sets used by the "Red Orchestra". This was the name the German "Abwehr" gave the communist spy networks in Europe during WW2. There were several subgroups active. A lot of books and movies are available, but the technical background remains a miracle. It is reported that they often built their radiosets in small local workshops. These days I stepped over a book where there was a schematic printed in. It is the transmitter of Dr. Sorge, a communist spy that worked against Hitler-Germany in Japan. He collected war-imprtant information and sent it to Moscow. He was caught by the Japanese secret police, who made drawings from the local setup of the transmitter and from the schematic. The drawings are of very bad resolution.

Some parts are inscriped in Japanese letters, and I can't read that. I tried to redraw the schematic. If there are lines crossing themselves, there are either "half-loops" to show there is no connection, or dots to say there is connection. One crossing is unclear. There was no loop and no dot. I marked that point in red. May be someone has an idea!

The schematic is amazing. It uses 2x Type 10 (UX-210) tubes. They are rare in Europe, but common in North America. Some of you use them in the Hartleys or TPTG transmitters. In that schematic they use "self rectification". You can't expect a T9 tone, hi. May be this transmitter design is interesting for some of you in comparison of your vintage type 10 designs. Any ideas about that unclear point are wellcome!

73s de Tom, DJ5RE

14049. Re: [AWA Group] Re: News from the spyfront: 2x Type 10 transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-22 17:37:00 UTC
From: dulmagedon@...
Topic: 14036 Message: 14049

I reread Ross Hull article just now. It is pretty interesting. I will scan it for you tonight.
donVe3LYX.

14050. RE: [AWA Group] News from the spyfront: 2x Type 10 transmitter [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-22 17:57:05 UTC
From: Thomas Höppe
Topic: 14036 Message: 14050

Sorry Mike, I forgot to answer your mail completely!

The ☐Red Orchestra☐ had specialists, often owner of radio shops who also did repairs for the customers. When thise people had spare tubes or measuring equipment, it was not suspicious. This people were able to build the transmitters themselves. One transmitter in Switzerland was built inside a typing machine. In the case ☐Dr. Sorge☐ they even built the morse key themselves. In Berlin, the group around Harro Schulze-Boysen had an accident with their radios. One fell down, and one, built for AC mains, was hooked up to DC mains and was damaged heavily. Again the group had a specialist who made the repair.

Tom

14051. RE: [AWA Group] News from the spyfront: 2x Type 10 transmitter [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-22 17:48:23 UTC
From: Thomas Höppe
Topic: 14036 Message: 14051
Attachments: 2 described; binary payloads are missing from this source WARC

Hello Mike!

Thanks for your comments about that unclear point. I only got one mail from you so far. Today I got another schematic from a friend. It is also with japanese letters. When you look at the □critical point□ of this schematic, you find it in the lower left corner, you see that the person who drew this one had again problems with this detail. He made a □jump-over loop□ but added a □dot□ as well. Of course the dot makes no sense, as the key would be shortcut if the dot would be right.

The whole setup seemed to be pretty ugly. Look at the picture .sorry for the very bad resolution. The difference of both schematics is exactly on that point!

73s Tom

14052. RE: [AWA Group] News from the spyfront: 2x Type 10 transmitter [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-22 12:33:12 UTC
From: Mike Feher
Topic: 14036 Message: 14052

Hi Tom –

That point that you have in red should obviously not be connected. If it was, there would be a 2500 pf to ground from the grids of the 10's, or at essentially at DC ground eliminating the feedback path. I am not sure of the reason for those caps other than to keep the variable from having the full DC on them. What do you mean by small workshops? Were they put together in Japan or in Russia? The Japanese copied a lot of our tubes directly and even gave them the same numbers. So, it is possible that 10s would be available in Japan. A lot of the Japanese tubes used in WWII can be directly substituted by US tubes. During the war, the Russians were our buddies, and also used some similar tubes as we did. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, August 22, 2016 4:03 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] News from the spyfront: 2x Type 10 transmitter [1 Attachment]

Hello!

Don opened the spy topic with his interesting adapter transmitter, and his reports to use it in combination with the right domestic radio receiver. As I told you when I introduced myself here on the reflector, building spyset replicas is one of the main parts of the "vintage hobby" in my case. I built some units from the SOE, some German "Abwehr" (WW2 military secret service of the Germans) and others, Recently I finished the CMS receiver, and next will be the CMS transmitter.

I was always interesting to get more technical information about the radio sets used by the "Red Orchestra". This was the name the German "Abwehr" gave the communist spy networks in Europe during WW2. There were several subgroups active. A lot of books and movies are available, but the technical background remains a miracle. It is reported that they often built their radiosets in small local workshops. These days I stepped over a book where there was a schematic printed in. It is the transmitter of Dr. Sorge, a communist spy that worked against Hitler-Germany in Japan. He collected war-imprtant information and sent it to Moscow. He was caught by the Japanese secret police, who made drawings from the local setup of the transmitter and from the schematic. The drawings are of very bad resolution. Some parts are inscriped in Japanese letters, and I can't read that. I tried to redraw the schematic. If there are lines crossing themselves, there are either "half-loops" to show there is no connection, or dots to say there is connection. One crossing is unclear. There

was no loop and no dot. I marked that point in red. May be someone has an idea!

The schematic is amazing. It uses 2x Type 10 (UX-210) tubes. They are rare in Europe, but common in North America. Some of you use them in the Hartleys or TPTG transmitters. In that schematic they use "self rectification". You can't expect a T9 tone, hi. May be this transmitter design is interesting for some of you in comparison of your vintage type 10 designs. Any ideas about that unclear point are wellcome!

73s de Tom, DJ5RE

14053. Re: [AWA Group] Re: News from the spyfront: 2x Type 10 transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-23 14:31:34 UTC
From: dulmagedon@...
Topic: 14036 Message: 14053

The basic premise of Ross Hull's test were that he was able easily to get a single tube self rectified quickly down to an occupied band width of 240 cycles. mostly by using high Q and careful maehacnical construction. He said the problem with two tubes is they dont run always at the same frequency if the circuit is not physically identical for each. At the end he could get it down to 540 cycles 9these include any sidebands BTW) and suggested that might not be the absolute bottom available . (Things like separate heater rheos etc come to mind) He also mentioned the common use of UX210 tubes although hehandicapped himself a bit by using 852s I believe it was. And he gave instructions for tank circuits for 80M (7 turns of 3/8 copper tubing with an outside diameter of 3 3/4 inches, 40 meters . 6 turns of 3/8 copper tubing wth an outside dia of 3 inches and (and i hope you re all sitting down!) 20 M . 3 turns of 3/8 copper tubing with an outside dia of 2 1/2 inches.
I suppose we could discuss the pros and cons all day but IMO Ross Hull was no ones fool so i tend to give lot of credit to his words. Many of us use his designs nd advice even today on our vintage builds.
One could crtainly build it, try it on AC for nostalgias sake once or twicw then feed it well filtered Dc ever after. I am sure it would be fine as some and better then most anyway. It was for me an article well worth reading wether i ever build one or not.
Lou sent me a different design but in a similar vein many years ago. I think i still have it saved on this notebook.
donVe3LYX

14054. dandav1956 -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-23 23:38:51 UTC
From: Mike Feher
Topic: 14054 Message: 14054

Please welcome dandav1956 a ham from Australia. Maybe he can introduce himself to us. Welcome aboard. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

14055. Re: What is this?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-23 23:55:05 UTC
From: dulmagedon@...
Topic: 3811 Message: 14055

My brother Dan, mr retired Bell Tech, (Joe C knows Dan from ST-WR rx research) stopped by to see the pic of the "what is it thing." You folks guessed right. He says it is a lightning protector and although not the brand Bell Canada used is very similar. The carbons on the end are covering a short carbon in the middle of that stone like chunk and dont quite touch leaving a small gap. When hit by lightning the gap is easily bridged and the circuit stays protected however it now needs as they say new carbons. He said the base should be varnished wood and normally if you turn it over there should be a dated stamped in the wood. He said it is very old. He has one of ours at home and may bring it down and show me. He also said Hydro (How we call our Electrical supplier here) also used telephone systems based on carrier transmitter designs for their own company use and they protected everything with similar devices.
donVe3LYX

14056. Things to do after the flea market

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-24 00:42:11 UTC
From: aflowers@frontiernet.net
Topic: 14056 Message: 14056
Attachments: 1 described; binary payloads are missing from this source WARC

I'm got my money's worth as of tonight --Andy K0SM/2

14057. RE: [AWA Group] Things to do after the flea market [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-24 01:22:03 UTC
From: Mike Feher
Topic: 14056 Message: 14057
Attachments: 1 described; binary payloads are missing from this source WARC

Great – future engineers. I hear you had your daughter at AWA. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, August 23, 2016 8:42 PM
To: yahoogroups
Subject: [AWA Group] Things to do after the flea market [1 Attachment]

I'm got my money's worth as of tonight --Andy K0SM/2

Inline image

14058. Re: [AWA Group] Re: News from the spyfront: 2x Type 10 transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-23 15:14:58 UTC
From: Larry Szendrei
Topic: 14036 Message: 14058

On 8/23/16 10:31 AM, dulmagedon@... [AWAGroup] wrote:
>
> The basic premise of Ross Hull's test were that he was able easily to
> get a single tube self rectified quickly down to an occupied band
> width of 240 cycles.
>

A bandwidth of 240Hz is what you'd get from a carrier modulated with a pure 120Hz tone with no harmonics. But with a single tube you'd get a 60Hz tone, so maybe the 2nd (audio) harmonic was significant.

> It was for me an article well worth reading wether i ever build one or
> not.
>

What year and month of QST? I'd like to read it.

73,
-Larry/NE1S

14059. Re: [AWA Group] Re: News from the spyfront: 2x Type 10 transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-24 11:06:29 UTC
From: dulmagedon@...
Topic: 14036 Message: 14059

Feb 1929 pages 23 to 27 with the final paragraph at the bottom of page 88
donVe3LYX

14060. Re: [AWA Group] Re: News from the spyfront: 2x Type 10 transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-24 11:29:43 UTC
From: Larry Szendrei
Topic: 14036 Message: 14060

On 8/24/16 7:06 AM, dulmagedon@... [AWAGroup] wrote:
>
> Feb 1929 pages 23 to 27 with the final paragraph at the bottom of page 88
> donVe3LYX
>
>
> ---
Thanks, Don!

14061. Re: RE: [AWA Group] Things to do after the flea market

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-24 16:12:36 UTC
From: N3IBX
Topic: 14056 Message: 14061

Absolutely Terrific!!! If the picture were in black and white one might think it was taken in 1921!

Your children are fantastic and hope they develop an interest (or career!) in radio. They have a great influence in their dad!

Very best regards,
Joe Cro N3IBX?
?
?
On 08/23/16, 'Mike Feher' n4fs@... [AWAGroup] wrote:
?
?

Great – future engineers. I hear you had your daughter at AWA. 73 – Mike
?
Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960
?
From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, August 23, 2016 8:42 PM
To: yahoogroups
Subject: [AWA Group] Things to do after the flea market [1 Attachment]
?

I'm got my money's worth as of tonight --Andy K0SM/2
?

?
?

14062. Re: [AWA Group] dandav1956 -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-24 16:43:30 UTC
From: N3IBX
Topic: 14054 Message: 14062

Welcome aboard "danday1956" and hope to hear from you soon!

Very best regards,
Joe Cro N3IBX
?
?
On 08/23/16, 'Mike Feher' n4fs@... [AWAGroup] wrote:
?
?

Please welcome dandav1956 a ham from Australia. Maybe he can introduce himself to us.
Welcome aboard. 73 – Mike
?
Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960
?

14063. Re: [AWA Group] dandav1956 -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-24 17:51:57 UTC
From: dulmagedon@...
Topic: 14054 Message: 14063

Yes. Welcome to the group. I should have no trouble remembering your ID as I have twin brothers Dan & Dave (although they were formed in 1953)
Await your intro.
donVE3LYX

14064. Re: Adaptor Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-25 18:07:42 UTC
From: dulmagedon@...
Topic: 13958 Message: 14064

Jim
Because the Str/Ca Model 61 receiver works so well I am going to try the pseudo BFO. I think I can do it without opening the set all from the 6sk7 IF amp. I will use a safety sandwich to insure I don't accidentally ground anything but I am going to give it a try . Probably this weekend. I have been thinking about it ever since I got this radio running and had hesitated because I didn't want to modify it in anyway. Then i realized I might be able to to it all from above with two thin insulated hook up wires, a 470ohm resistor and a switch. If so then it is something that would have been possible to do to someones home set without their knowledge and that is my goal. Might I take a moment here and thank you for the tip.
The XYL gave the green light for a late 1930s parlour downstairs. I have chairs , a sewing machine (treadle) the two old wooden radios . All I need now is a spinning disc TV!
If it all works out I plan some relaxing ops using the adapter set and the Stromberg Carlson.model 61. BTW I am using a 7050 crystal. That is not good since I don't like excluding anyone from the possibility of a QSO so I would like to move up. i think anything above 7110kcs is better but where? I have before me a 712o something, (cant read it) a 7140 , a 7115 and a 7190. I am thinking the 7115 and the 712o something but dont really know where to go. back in the day here when on the first license with it s restictions I kept all CW under 7100 on 40M.
But that was more tradition then rule.
donVE3LYX

14065. Re: Adaptor Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-25 19:33:16 UTC
From: dulmagedon@...
Topic: 13958 Message: 14065

7115 turned out to be a lightly stamped 7145.
So I am good on 7140kcs 7145kcs and the old 7050kcs. I can wiggle this set off that a bit to avoid QRMing. Is that too high or OK? What is normal? Currently tuned up on 7140kcs.
712o is a dud (so far)
donVe3LYX

14066. Dan, KA7GPP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-26 12:11:15 UTC
From: Mike Feher
Topic: 14066 Message: 14066

Please welcome Dan to the group. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

14067. Re: Adaptor Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-26 21:25:30 UTC
From: JAMES HANLON
Topic: 13958 Message: 14067

Don,

The CW Classic Exchange is coming upon Sunday, 9/11 and Tuesday, 9/13. Our nominal frequency on 40 is 7045, but you should get a lot of action from your 7050 crystal. Do a Google search on Classic Exchange for more information.

Jim, W8KGI

14068. Re: [AWA Group] Dan, KA7GPP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-26 22:08:23 UTC
From: Roger Kuchera
Topic: 14066 Message: 14068

Howdy Dan, Welcome to a great group, all of them are a helpful lot.
Roger/K1TG

On Friday, August 26, 2016 8:11 AM, "'Mike Feher' n4fs@... [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:

<!--#yiv4651776129 #yiv4651776129 .yiv4651776129ygrp-photo-title{clear:both;font-size:smal
ler;min-height:15px;overflow:hidden;text-align:center;width:75px;}#yiv4651776129 div.yiv46
51776129ygrp-photo{background-position:center;background-repeat:no-repeat;background-color
:white;border:1px solid black;min-height:62px;width:62px;}#yiv4651776129
div.yiv4651776129photo-title a, #yiv4651776129 div.yiv4651776129photo-title a:active,
#yiv4651776129 div.yiv4651776129photo-title a:hover, #yiv4651776129
div.yiv4651776129photo-title a:visited {text-decoration:none;}#yiv4651776129
div.yiv4651776129attach-table div.yiv4651776129attach-row {clear:both;}#yiv4651776129
div.yiv4651776129attach-table div.yiv4651776129attach-row div {float:left;}#yiv4651776129
p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv4651776129
div.yiv4651776129ygrp-file {width:30px;}#yiv4651776129 div.yiv4651776129attach-table
div.yiv4651776129attach-row div div a {text-decoration:none;}#yiv4651776129
div.yiv4651776129attach-table div.yiv4651776129attach-row div div span
{font-weight:normal;}#yiv4651776129 div.yiv4651776129ygrp-file-title
{font-weight:bold;}#yiv4651776129 --> <!--#yiv4651776129 _filtered #yiv4651776129
{font-family:"Cambria Math";panose-1:2 4 5 3 5 4 6 3 2 4;} _filtered #yiv4651776129
{font-family:Calibri;panose-1:2 15 5 2 2 2 4 3 2 4;} _filtered #yiv4651776129
{font-family:Consolas;panose-1:2 11 6 9 2 2 4 3 2 4;}#yiv4651776129 #yiv4651776129
p.yiv4651776129MsoNormal, #yiv4651776129 li.yiv4651776129MsoNormal, #yiv4651776129
div.yiv4651776129MsoNormal
{margin:0in;margin-bottom:.0001pt;font-size:11.0pt;font-family:"Calibri",
"sans-serif";}#yiv4651776129 a:link, #yiv4651776129 span.yiv4651776129MsoHyperlink
{color:blue;text-decoration:underline;}#yiv4651776129 a:visited, #yiv4651776129
span.yiv4651776129MsoHyperlinkFollowed
{color:purple;text-decoration:underline;}#yiv4651776129 span.yiv4651776129EmailStyle17
{font-family:"Calibri", "sans-serif";color:windowtext;}#yiv4651776129
.yiv4651776129MsoChpDefault {font-family:"Calibri", "sans-serif";} _filtered
#yiv4651776129 {margin:1.0in 1.0in 1.0in 1.0in;}#yiv4651776129
div.yiv4651776129WordSection1 {}-->

Please welcome Dan to the group. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ,
07731732-886-5960

14069. Re: Adaptor Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-26 22:35:30 UTC
From: dulmagedon@...
Topic: 13958 Message: 14069

Ok Jim,
BTW Today i went at the Str Carl 61. It doesnt have 6sk7 if it has a 6k7 (6sk7 was my brothers H-77 CGE set)
So on the 6k7 the grid wire is external anyway. I pulled the tube. Took a length of hook up wire and stripped about 1 1/4 inches. I wound it around the plate pin (pin 8) and then put the covered end out the side and up to the grid wire, winding it around 5 times just to see if it works . It does. Sounds very much like a audio feedback whistle like when a mic is postitioned wrong in relation to the speaker which is ok by me but it is certainly functional. The band is kinda dead right now however I will try it later tonight when there is more activity. I havent dealt with the AVC yet as this set has an unusual set up I dont quite understand yet so I am trying to figure out. I dont want to make any internal changes to the set as that defeats the purpose am using it for.
I have to go to Altona on the 11th but may get home in time to play anyway. The 13th should be no problem. I would be happy to try. I have to find some more 40M rocks. I dont totally understand the USA freq assignments but I believe some can't go below 7100 or is that only on phone?
Anyway thanks again for the tip on the IF feedback hetrodyne. Sure is fun. A young ham could have had a very good station unknown to the family as could a boarding spy. It is astounding how easy it is and how well it works. This old set with its Rf stage and all is very selective. Better by far then my HR10B heathkit for instance just to mention one. I am surprised an old consumer set would be so well built.
donVe3LYX

14070. Re: Adaptor Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-27 00:50:09 UTC
From: dulmagedon@...
Topic: 13958 Message: 14070

Ok I have been wotng i think about 40M freqs. I believe any US ham can operate CW 7025 to 7125kcs so I need lower freq rocks for the spy set. If I am wrong please set me straight. Best I can figure out this is right.
donVe3LYX

14071. RE: [AWA Group] Dan, KA7GPP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-27 02:37:21 UTC
From: Dan Pflugrath
Topic: 14066 Message: 14071
Attachments: 1 described; binary payloads are missing from this source WARC

Thank you for the welcome. You can check out my QRZ page for some of my history. I am in the process of moving and during cleaning out the garage I found the National AGS including a power supply that I have moved and stored for 45 years. In the 50s I remember listening to it with my dad while he practiced receiving Morse code so he could get his license. When I get moved am hoping to see if I can get it operating again. Will need some advice on that process.

73 Dan KA7GPP

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, August 26, 2016 5:11 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Dan, KA7GPP

Please welcome Dan to the group. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

_____
viralnews365.net (Sponsored by Content.Ad)
KFC Cook Loses Girlfriend! Then Days Later This Happens
http://thirdpartyoffers.juno.com/TGL3131/57c0fced5c70b7cd97364st51vuc

14072. Re: [AWA Group] Dan, KA7GPP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-27 11:15:49 UTC
From: Larry Szendrei
Topic: 14066 Message: 14072
Attachments: 1 described; binary payloads are missing from this source WARC

Nice receiver, Dan; you're very fortunate to have it. Oh, and welcome to
the group! :-)

73,
-Larry/NE1S

On 8/26/16 10:37 PM, 'Dan Pflugrath' dpflugrath@... [AWAGroup] wrote:
>
> Thank you for the welcome. You can check out my QRZ page for some of
> my history. I am in the process of moving and during cleaning out the
> garage I found the National AGS including a power supply that I have
> moved and stored for 45 years. In the 50s I remember listening to it
> with my dad while he practiced receiving Morse code so he could get
> his license. When I get moved am hoping to see if I can get it
> operating again. Will need some advice on that process.
>
> 73 Dan KA7GPP
>

14073. RE: [AWA Group] Dan, KA7GPP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-27 12:12:47 UTC
From: Mike Feher
Topic: 14066 Message: 14073
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Dan -

I looked on your QRZ page. The key you have there is an SE-68. There is also an SE-68A where the lever is smooth and not ribbed. Looks like yours may be missing the name plate, and if you look on one side you will probably notice the holes for the little nails that held it in place. Yours is also missing the legs. All of these had legs that were about 3 to 4 inches long so the key could be mounted to the operating desk with the contacts being the legs. Most hams cut off the legs so it would be easier to use and move around. You are right, the key is from WWI and was used with spark. It is a relatively scarce key and even in that condition it is worth about $300 to $400. The SE-68A is much more common.

Back about 40 years ago I had the opportunity to pick up an AGS for almost nothing an decided against it, which I regret.

About 5% of my junk can be seen here:

http://w2dtc.com/2007-0625-n4fs-page.htm

Best wishes with the move. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, August 26, 2016 10:37 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Dan, KA7GPP

Thank you for the welcome. You can check out my QRZ page for some of my history. I am in the process of moving and during cleaning out the garage I found the National AGS including a power supply that I have moved and stored for 45 years. In the 50s I remember listening to it with my dad while he practiced receiving Morse code so he could get his license. When I get moved am hoping to see if I can get it operating again. Will need some advice on that process.

73 Dan KA7GPP

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, August 26, 2016 5:11 AM

To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Dan, KA7GPP

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_____
<http://thirdpartyoffers.juno.com/TGL3132/57c0fced5c70b7cd97364st51vuc>
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http://thirdpartyoffers.juno.com/TGL3132/57c0fced5c70b7cd97364st51vuc

14074. Re: [AWA Group] Re: Adaptor Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-27 12:14:05 UTC
From: Larry Szendrei
Topic: 13958 Message: 14074

Don, you shouldn't be hearing a whistle or any other tone, unless you
are receiving a carrier. Perhaps you have too much feedback (try fewer
turns in your "gimmick" capacitor on the 6K7 grid lead).

I just looked at the schematic for your radio (Riders vol 7;
Stromberg-Carlson Page 7-1), and to my surprise there is no AVC applied
to the IF amplifier stage. So you needn't worry about disabling the AVC.
AVC is only active in the RF and mixer in this radio.

73,
-Larry/NE1S

On 8/26/16 6:35 PM, dulmagedon@... [AWAGroup] wrote:
>
> Ok Jim,
> BTW Today i went at the Str Carl 61. It doesnt have 6sk7 if it has a
> 6k7 (6sk7 was my brothers H-77 CGE set)
> So on the 6k7 the grid wire is external anyway. I pulled the tube.
> Took a length of hook up wire and stripped about 1 1/4 inches. I wound
> it around the plate pin (pin 8) and then put the covered end out the
> side and up to the grid wire, winding it around 5 times just to see
> if it works . It does. Sounds very much like a audio feedback whistle
> like when a mic is postitioned wrong in relation to the speaker which
> is ok by me but it is certainly functional. The band is kinda dead
> right now however I will try it later tonight when there is more
> activity. I havent dealt with the AVC yet as this set has an unusual
> set up I dont quite understand yet so I am trying to figure out. I
> dont want to make any internal changes to the set as that defeats the
> purpose am using it for.
> I have to go to Altona on the 11th but may get home in time to play
> anyway. The 13th should be no problem. I would be happy to try. I have
> to find some more 40M rocks. I dont totally understand the USA freq
> assignments but I believe some can't go below 7100 or is that only on
> phone?
> Anyway thanks again for the tip on the IF feedback hetrodyne. Sure is
> fun. A young ham could have had a very good station unknown to the
> family as could a boarding spy. It is astounding how easy it is and
> how well it works. This old set with its Rf stage and all is very
> selective. Better by far then my HR10B heathkit for instance just to
> mention one. I am surprised an old consumer set would be so well built.
> donVe3LYX
>

14075. RE: [AWA Group] Re: Adaptor Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-27 12:23:12 UTC
From: Mike Feher
Topic: 13958 Message: 14075

I was thinking exactly the same thing Larry. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, August 27, 2016 8:14 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: Adaptor Spy Set Adventures

Don, you shouldn't be hearing a whistle or any other tone, unless you are receiving a carrier. Perhaps you have too much feedback (try fewer turns in your "gimmick" capacitor on the 6K7 grid lead).

I just looked at the schematic for your radio (Riders vol 7; Stromberg-Carlson Page 7-1), and to my surprise there is no AVC applied to the IF amplifier stage. So you needn't worry about disabling the AVC. AVC is only active in the RF and mixer in this radio.

73,
-Larry/NE1S

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I have to go to Altona on the 11th but may get home in time to play anyway. The 13th should be no problem. I would be happy to try. I have to find some more 40M rocks. I dont totally understand the USA freq assignments but I believe some can't go below 7100 or is that only on phone?
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very selective. Better by far then my HR10B heathkit for instance just to mention one. I am surprised an old consumer set would be so well built.
donVe3LYX

14076. Re: [AWA Group] Re: Adaptor Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-27 14:58:26 UTC
From: dulmagedon@...
Topic: 13958 Message: 14076

I should have been more specific. I am referring to the note of the Pseudo BFO when reciveing a signal as in A CQ from my Adatper set or a signal from my GDO. No whistle when no signal. Sorry i wasn't clearer. Thanks for checking the scheamtic. I knew something in the AVC diagram. Couldnt find the 2m resistor which i thought should be there in plain site. It was different but then superhets ?I am a regen guy ;>) AVC there is done by whincing when your ears hurt.
So re 40M ops I will try again can everyone here legally operate CW on 7025 to 7120?
I want to get thi cleared up before I order new rocks
donVe3LYX

14077. RE: [AWA Group] Re: Adaptor Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-27 15:03:37 UTC
From: Mike Feher
Topic: 13958 Message: 14077

Yes, I did misunderstand and thought you were hearing that whistle tone all the time. Sounds like you have it working OK then. Yes, most US hams can operate the frequencies you mentioned. If they have an extra, like most of us do on here, then we can go down to 7 MHz. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, August 27, 2016 10:58 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: Adaptor Spy Set Adventures

I should have been more specific. I am referring to the note of the Pseudo BFO when reciveing a signal as in A CQ from my Adatper set or a signal from my GDO. No whistle when no signal. Sorry i wasn't clearer. Thanks for checking the scheamtic. I knew something in the AVC diagram. Couldnt find the 2m resistor which i thought should be there in plain site. It was different but then superhets ?I am a regen guy ;>) AVC there is done by whincing when your ears hurt.
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14078. RE: [AWA Group] Dan, KA7GPP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-27 15:20:30 UTC
From: Dan Pflugrath
Topic: 14066 Message: 14078
Attachments: 1 described; binary payloads are missing from this source WARC

Mike,

You are correct, the SE-68 with modification makes a very solid key that I still use. The legs had been removed and the bottom has been machined out to run the connections. The thumb nuts were also added. The name plate is missing as you observed. The local ham that collects Morse code keys tells me by the construction that it most likely was manufactured here in the Seattle area. There were small differences with these keys depending on the location for where they were made.

The key and the AGS were stored in our basement for my uncle when I was very young. He worked for the FAA in communications which is how he most likely acquired it. I have found a schematic for it but not much more. I am curious as to how well the AGS performed as a receiver to know what to expect for performance if I put the effort into getting it working.

Dan KA7GPP

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, August 27, 2016 5:13 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Dan, KA7GPP

Hi Dan -

I looked on your QRZ page. The key you have there is an SE-68. There is also an SE-68A where the lever is smooth and not ribbed. Looks like yours may be missing the name plate, and if you look on one side you will probably notice the holes for the little nails that held it in place. Yours is also missing the legs. All of these had legs that were about 3 to 4 inches long so the key could be mounted to the operating desk with the contacts being the legs. Most hams cut off the legs so it would be easier to use and move around. You are right, the key is from WWI and was used with spark. It is a relatively scarce key and even in that condition it is worth about $300 to $400. The SE-68A is much more common.

Back about 40 years ago I had the opportunity to pick up an AGS for almost nothing an decided against it, which I regret.

About 5% of my junk can be seen here:

http://w2dtc.com/2007-0625-n4fs-page.htm

Best wishes with the move. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, August 26, 2016 10:37 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Dan, KA7GPP

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To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Dan, KA7GPP

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Mike B. Feher, N4FS

89 Arnold Blvd.

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_____
Flat Tummy Protocol (Sponsored by Content.Ad)
Do This Before Bed Tonight To Burn Belly Flab All Night Long
http://thirdpartyoffers.juno.com/TGL3131/57c1afbec7a022fb62fecst03vuc

14079. RE: [AWA Group] Dan, KA7GPP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-27 15:36:33 UTC
From: Mike Feher
Topic: 14066 Message: 14079
Attachments: 1 described; binary payloads are missing from this source WARC

Dan -

Wonder who the local key collector is? Wonder if it is N7CFO, Lynn Burlingame? If it was local to your area, he may be referring to Kilbourne and Clark. They are indeed nice keys to use. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, August 27, 2016 11:21 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Dan, KA7GPP

Mike,

You are correct, the SE-68 with modification makes a very solid key that I still use. The legs had been removed and the bottom has been machined out to run the connections. The thumb nuts were also added. The name plate is missing as you observed. The local ham that collects Morse code keys tells me by the construction that it most likely was manufactured here in the Seattle area. There were small differences with these keys depending on the location for where they were made.

The key and the AGS were stored in our basement for my uncle when I was very young. He worked for the FAA in communications which is how he most likely acquired it. I have found a schematic for it but not much more. I am curious as to how well the AGS performed as a receiver to know what to expect for performance if I put the effort into getting it working.

Dan KA7GPP

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, August 27, 2016 5:13 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Dan, KA7GPP

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Mike B. Feher, N4FS

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Subject: [AWA Group] Dan, KA7GPP

Please welcome Dan to the group. 73 - Mike

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http://thirdpartyoffers.juno.com/TGL3132/57c0fced5c70b7cd97364st51vuc

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http://thirdpartyoffers.juno.com/TGL3132/57c1afbec7a022fb62fecst03vuc

14080. RE: [AWA Group] Re: Adaptor Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-27 16:14:59 UTC
From: dulmagedon@...
Topic: 13958 Message: 14080

Ok Thanks for clearing that up. I have had a couple of times when someone told me they "could not go there" so there is no point buying rocks that exclude anyone. I need all the ears I can get!;>)
donVe3LYX

14081. RE: [AWA Group] Dan, KA7GPP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-27 16:37:57 UTC
From: dpflugrath@juno.com
Topic: 14066 Message: 14081
Attachments: 1 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

14082. Re: [AWA Group] Dan, KA7GPP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-27 18:50:13 UTC
From: Roger Kuchera
Topic: 14066 Message: 14082
Attachments: 1 described; binary payloads are missing from this source WARC

Hi again Dan, Your AGS is worth a king's ransom!
Roger/K1TG

On Saturday, August 27, 2016 12:39 PM, "'dpflugrath@...' dpflugrath@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

----- Forwarded Message -----

Mike
I guess Lynn is more well known than I thought. I took it to the Mike & Key club flea market to show it to him and even before I had it all the way out I heard him say name your price. He seems a good authority on the subject.
Dan KA7GPP

Please note: message attached

From: "'Mike Feher' n4fs@eozinc.com [AWAGroup]" <AWAGroup@yahoogroups.com>
To: <AWAGroup@yahoogroups.com>
Subject: RE: [AWA Group] Dan, KA7GPP
Date: Sat, 27 Aug 2016 11:36:33 -0400

_____
Flat Tummy Protocol (Sponsored by Content.Ad)
Do This Before Bed Tonight To Burn Belly Flab All Night Long
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Yahoo Groups Links

  Dan – Wonder who the local key collector is? Wonder if it is N7CFO, Lynn Burlingame? If it was local to your area, he may be referring to Kilbourne and Clark. They are indeed nice keys to use. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960
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Sent: Friday, August 26, 2016 10:37 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Dan, KA7GPP Thank you for the welcome. You can check out my QRZ page for some of my history. I am in the process of moving and during cleaning out the garage I found the National AGS including a power supply that I have moved and stored for 45 years. In the 50s I remember listening to it with my dad while he practiced receiving Morse code so he could get his license. When I get moved am hoping to see if I can get it operating again. Will need some advice on that process. 73 Dan KA7GPP From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, August 26, 2016 5:11 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Dan, KA7GPP Please welcome Dan to the group. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960

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viralnews365.net (Sponsored by Content.Ad)
KFC Cook Loses Girlfriend! Then Days Later This Happens
http://thirdpartyoffers.juno.com/TGL3132/57c0fced5c70b7cd97364st51vuc

---
Flat Tummy Protocol (Sponsored by Content.Ad)
Do This Before Bed Tonight To Burn Belly Flab All Night Long
http://thirdpartyoffers.juno.com/TGL3132/57c1afbec7a022fb62fecst03vuc

14083. National AGS:

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-27 19:44:58 UTC
From: N3IBX
Topic: 14083 Message: 14083

?Hello Dan,
? ? ? ? ? ? ? ? ?My name is Joe Cro, N3IBX and could possibly help you with your "AGS". If you would like to contact me directly my email address is n3ibx@....

? I've been following your thread and from what I can gather you've had your AGS in storage for 45 years or so. That's a long time but not impossible to get it working again. I've tackled some sets that haven't seen electricity in 75-80 years or so and was able to bring them back to life with some TLC.?

Please contact me and let me know the particulars about what you know about it ie: was it working when put in storage, did it work but had problems, what power supply is in it, or did it use etc. If all original it probably has the hard to find "Mershon" early electrolytics in the power supply.?

I noticed from your picture you have a full set of coils for it or nearly so. As you know it uses three per band to cover a certain frequency range.?

Most AGS sets were used by various airports at the time but some wound up in the hands of some well healed Hams who could afford the very best. They are very sensitive and relatively stable sets, and have enough BFO injection to even copy ssb without any difficulty. They are relatively simple to operate which was one of the reasons why they were used by airports at the time. They weren't overly complicated to operate. Just install your coilset, interpolate from your frequency chart and there you were!

Let me know some of the particulars and we'll take things from there. I'd love to get a note from you telling me you got it working again. With a little help and TLC perhaps we could make that happen!

Very best regards and hope to hear from you.

Joe Cro N3IBX

14084. Re: [AWA Group] Dan, KA7GPP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-27 19:57:40 UTC
From: Larry Szendrei
Topic: 14066 Message: 14084

On 8/27/16 11:20 AM, 'Dan Pflugrath' dpflugrath@... [AWAGroup] wrote:
> I am curious as to how well the AGS performed as a receiver to know
> what to expect for performance if I put the effort into getting it
> working.

Well, it's a superhet with 1 RF stage and 2 IF stages, and no provision for variable selectivity. So, I would say to expect the performance to be similar to the Hallicrafters, S-20R, S-40, National NC-100 (or NC-101 with bandspread coils), and countless other receivers, but probably with better mechanical and thermal stability than some of these. It would be fine for AM operation but broad for CW unless you're good at letting your brain be the filter. For it's time it was a Cadillac, though, and if it were mine it would be operational and frequently used in a prominent place in the shack.

73,
-Larry/NE1S

14085. Re: [AWA Group] Re: Hallicrafters HT-6 and HT-9 Tuning Units and Tank Coils WTB/WTT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-27 20:24:08 UTC
From: N3IBX
Topic: 14005 Message: 14085

Hello Bob,
? ? ? ? ? ? ? ? Just a quick note to find out if you could give me any of the particulars on the HT-9 and coils you have. I'm very interested!
Very best regards,
Joe Cro N3IBX?
?

On 08/17/16, wn2ami@... [AWAGroup] wrote:
?
?

Hi Joe and group
I have a mint HT-9 that I last used in the 1980s.
I bought it from a Hallicrafters salesmen who sold
many HT-9s to tropical broadcast stations in?central america.
He said they really made for commercial duty.
I beieve I have all the plug-ins or close to it.
I just do not have the room to set it up in the new qth.?
Let alone, the BC-610, speech amp and antenna tuner that sit idle
stacked in the corner.??
b gud
b well
bob...w2ami x wn2ami 1962

?

14086. Re: adaptor Set Spy Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-27 22:30:35 UTC
From: JAMES HANLON
Topic: 14086 Message: 14086

Don,

The 40 meter CW band in the US is from 7000 to 7125. Only Extra Class licensees can operate below 7025. CW is also permitted all the way up to 7300, but the phone band starts at 7125.

Jim, W8KGI

14087. Re: adaptor Set Spy Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-28 00:33:58 UTC
From: dulmagedon@...
Topic: 14086 Message: 14087

Thanks, I have had a time trying to sort this out. Sometimes when trying to set a sked I got a "I can't go there" and I became confused. I guess I got it backwards at first. I think i finally understand. Basically only Extras can sneak up to the lower band edge so to speak. Our tickets have changed over the years as well. I don't know the current ones, Just mine.
BTw there was a lot if activity around 7050kcs about a half hour ago. I was downstairs and turned on the old 1935-36 Stromberg Carlson with your suggested mod to it. It was wierd to here beeping coming out of this 81 year old radio. I have rebuilt the mod a few times with it a bit better each time. I think I can still improve it a bit yet. Tricky getting enough but not too much. However it does work and on this particular radio can all be done from up top. I installed a switch so I can switch it in and out. Thanks again.
donVe3LYX

14088. RE: [AWA Group] Dan, KA7GPP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-28 01:47:15 UTC
From: Mike Feher
Topic: 14066 Message: 14088

Hi Dan –

I never received the message I sent to you regarding Lynn, or your response. I just now saw your response and my post attached to Roger’s post. Wonder what happened? 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, August 27, 2016 2:50 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Dan, KA7GPP

Hi again Dan,

Your AGS is worth a king's ransom!

Roger/K1TG

On Saturday, August 27, 2016 12:39 PM, "'dpflugrath@juno.com' dpflugrath@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

----- Forwarded Message -----

Mike
I guess Lynn is more well known than I thought. I took it to the Mike & Key club flea market to show it to him and even before I had it all the way out I heard him say name your price. He seems a good authority on the subject.
Dan KA7GPP

Please note: message attached

’–·–’–––

14089. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-28 02:55:27 UTC
From: Louis Vermond
Topic: 130 Message: 14089

http://www.ebay.com/itm/Proud-Beautiful-Boston-Navy-Shipyard-Morse-Code-Telegraph-Spark-Key-Type-SE-68-/162178291443?hash=item25c29456f3:g:OmUAAOSwQNRXLLCE

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14090. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-28 03:03:05 UTC
From: Mike Feher
Topic: 130 Message: 14090

This guy's prices are always outrageous. Besides, this is an SE68A not an SE68. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, August 27, 2016 10:55 PM
To: AWAGroup
Subject: [AWA Group] eBay Alert

http://www.ebay.com/itm/Proud-Beautiful-
<http://www.ebay.com/itm/Proud-Beautiful-Boston-Navy-Shipyard-Morse-Code-Telegraph-Spark-Key-Type-SE-68-/162178291443?hash=item25c29456f3:g:OmUAAOSwQNRXLLCE>
Boston-Navy-Shipyard-Morse-Code-Telegraph-Spark-Key-Type-SE-68-/162178291443?hash=item25c29456f3:g:OmUAAOSwQNRXLLCE

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free.
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

14091. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-28 12:24:27 UTC
From: dulmagedon@...
Topic: 130 Message: 14091

Not to mention mentally challenged.
"May not ship to Canada - Read item description or contact seller http://contact.ebay.com/ws/eBayISAPI.dll?ShowCoreAskSellerQuestion&redirect=0&requested=admiral*shin&iid=162178291443 for shipping options."
????????
donVe3LYX
http://www.ebay.com/itm/Proud-Beautiful-Boston-Navy-Shipyard-Morse-Code-Telegraph-Spark-Key-Type-SE-68-/162178291443?hash=item25c29456f3:g:OmUAAOSwQNRXLLCE#shpCntId

14092. Re: Adaptor Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-29 00:32:16 UTC
From: JAMES HANLON
Topic: 13958 Message: 14092

Don,

I have not looked at the schematic for your set, but even if the IF stage is not on the AVC line, the set should work better if you arrange to ground the AVC line (or attach it to ground through a small resistor ala the S-38A etc.) when you have the IF stage oscillating for CW reception. Here's why. When the IF stage oscillates it puts a strong signal into the detector, just as a very powerful carrier in an AM broadcast station would. The AVC detector rectifies that signal and applies it to the AVC line, thus cutting the gain of the stages controlled by the AVC bias voltage way back. Unless you short the AVC line to ground, that bias voltage will greatly reduce the gain and sensitivity of your receiver on CW. If you do short the AVC line to ground, the RF stage, mixer, and IF stage will operate at full gain, and you can then adjust the overall volume with the audio volume control. You may find that more powerful CW signals tend to go into saturation with this much gain, in which case you may want to switch the AVC back on to reduce the gain in the "front end" of your set.

By the way, even receivers with a separate BFO as opposed to just an oscillating IF stage also turn the AVC off by shorting the line to ground on CW. The usual way to operate these sets is to turn the audio gain way up and adjust the overall volume with an "RF Gain" control which varies the gain of the RF and IF stages and sometimes also the mixer. You probably don't want to install an RF Gain control in your set, but if you did you could do it by putting a variable pot - about 20K ohms should do the trick - in between the cathode of the tube(s) to be controlled and ground. The cathodes should probably be bypassed to ground with something like an 0.01 mfd capacitor. The mixer is usually not included in this kind of RF gain control because varying the gain of this tube is likely to pull the local oscillator frequency, especially if the tube is a combination local oscillator and mixer like a 6K8 or a 6SA7.

I hope this makes some sense. If not please let me know and I will do a better job of explaining. A copy of your schematic would also help.

73,

Jim, W8KGI

14093. Re: Adaptor Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-29 01:55:26 UTC
From: dulmagedon@...
Topic: 13958 Message: 14093

Thanks Jim, I have been thinking about this myself. I can hear the AVC interfering with "comfortable operation " if you will and wondering how to deal with it. Not that it isn't usable I expected a rather straight forward approach but when I looked at the schematic it wasn't a traditional AVC. Not that I am an expert AVC person being a very strong believer in the wonderful performance of the Regens but I want this set up to be period correct. As would of and could have been done to Grandpas Radio when everyone was asleep. So anything internal for this particular radio is off the list however anything that can be accessed from above is Ok by me.

I referred earlier to a fellow who lived near my family up to his murder in 1939. The more I dig and after reading the book Tom recommended I am more certain then ever that is why he was here. There are a lot of reasons for that but that is anther whole story. My dad passed away this spring and he was one of this fellows friends.

I wish i knew what I know now last year or so as I would like to ask Dad some questions. You see my Dad graduated High School at about 14 years of age. He took whatever work was available then and invested in a Radio College of Canada correspondence course as radio was always a big interest in his life. So even before the war started here (1939) he was already educated to a reasonable level on the subject.

I want to ask him, "Did you ever help Wilhelm string up an antenna for a radio" Did he ever ask you about old earphones. Did he have a radio when he got his own place and if so what. However I am a day late and a dollar short as the old guys used to say. There is a lot more as I said to this story that I haven't yet shared.

Anyway, I want to keep this radio as it would have been but I will send you my schematic. I have it saved somewhere on this notebook. It uses a 6h6 det and AVC. It was the 6h6 being used as a automatic driver control in the No 19 WS set I defeated to be bring power up to almost X3 on the No 19 giving better abilty for mild DX and the circuit while not identical certainly has some similarities.

And I appreciate your input into this project.

I accidentally bumped into a fellow in Ottawa on the web (Thursday)who has been authorized to put in a 1500 sq ft clandestine radio display at the Trenton Air Base Aircraft Museum. I live 12 mi from that Museum and my Mom Flt Sgt Doris R Daniells aka "Flight Danny" was stationed there for a time during WW2. A few years later she met Dad and the rest is history as they say. So Trenton has more then just a passing interest. This whole spy radio WW2 thing has exploded it seems. Where it will lead I don't know yet. Meanwhile aside from the history I am having a ball running the stuff! Life at the moment is very good!

(and painting is done so XYL is happy)

donVe3LYX

14094. Re: Adaptor Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-29 03:06:31 UTC
From: dulmagedon@...
Topic: 13958 Message: 14094

http://www.radiomuseum.org/r/stromberg_61h61.html
http://www.radiomuseum.org/r/stromberg_61h61.html

14095. Re: Adaptor Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-29 12:50:56 UTC
From: dulmagedon@...
Topic: 13958 Message: 14095
Attachments: 2 described; binary payloads are missing from this source WARC

In the dim late night with only a old single bulb pigtail hanging overhead the spy station sits totally operational a-top the old 1935 Stromberg Carlson floor radio. The Stromberg Carlson is also tuned to 7051 kcs on SW band 2 and a discarded single operator's earphone from the local Prince Edward County Sprague Telephone Exchange (Mountain View, Ontario) sits plugged into the spare jack on the Adapters plug receiving audio driver tube audio. An old Memmee Key set up found by a neighbour in an old house nearby sits hooked up and working as is the Adapter TX with the Stromberg Carslons audio PA tube plugged in and doing a fine job. The 7050 crystal is plugged in and the circuit has been pulled up almost to 7051kcs by the Adapter Set's tank tuning. The glow from the old Stromberg Carlson dial takes me back to my days before TV was popular and we stared at the glowing dial for entertainment as we listened. A time machine if I ever saw one!
donVe3LYX

14096. Re: Adaptor Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-29 20:13:34 UTC
From: dulmagedon@...
Topic: 13958 Message: 14096
Attachments: 2 described; binary payloads are missing from this source WARC

I went down with the XYL to the south end of "The County" Stopped in Cherry Valley and took a photo of Willy's grave stone. I was told my Grandparents bought it with the help of a few neighbours so he would have a decent burial. Then we went down to Port Milford South of where he lived. In the 1930s the ship used to come right up in the Port Milford Harbour. There is nothing there now however shipping traffic runs by out on lake Ontario which can be seen in this photo. I took a chance their might be something there. I could see a white spot distinctly on the horizon and so got the field glasses from the XYL. It was a tall ship. There are a few on the lake this summer. One even from Sweden.(If it is so it will be berthed tonight probably at Kingston or Gananoque. (check boatnerd.com) It was headed east towards Kingston which is where Lake Ontario becomes the St Lawrence River and eventually empties into the Atlantic. I was moving quite fast as in the time we were stopped it covered the entire space between the two tall trees. Too bad it doesnt show up in the photo. Anyway of that is what he was doing this is where he would be standing to do it. They used to operate a Life Saving team from the farm just in front of me here rescuing vessels in distress off the lake. This is also where all the booze left headed for New York State during prohibition. (Booze, Boats and Billions by Bill Hunt.) Anyway it will take a while to sort this all through if it is even possible. I was unable to find the house and barn where he was murdered so I suspect it has been torn down and a new house put up. Or I could just be getting oldand have forgotten. Anyway that is about it. The Sp set is installed on the Stromberg Carlson and running. Hopefully we will get some good conditions soon and I can do a couple of complete QSOs on it. (Send and Receive.) thanks everyone who pitched in with suggestions and such during the project.
donVe3LYX

14097. Re: Adaptor Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-30 00:12:56 UTC
From: JAMES HANLON
Topic: 13958 Message: 14097

Don,

OK, I've got the Model 61 Schematic, and you are quite correct about the AVC being applied to the RF stage and to the Converter (OSC.-MOD) stage but not to the IF stage. I understand your not wanting to make any modifications under the chassis, but I can see no way of disabling the AVC by going at it from one of the tube pins, which would be an above-the-chassis modification ala what you have done to make the IF stage oscillate. To disable the AVC line, ala what Hallicrafters does in the S-38a, you would need to connect a 470 ohm resistor between the junction of R15, R5, and C14 (if I can read the part numbers correctly with my tired old eyes and a rather fuzzy schematic). That would amount just to connecting the 470 ohm resistor across the AVC capacitor (.02 mfd) and ground. If you used a spdt switch as the S-38a does, you could accomplish setting the IF stage into oscillation and disabling the AVC line at the same time as the S-38a does, but you would have to make that one, underchassis connection. I think it would be worth it to give it a try and see how it affects the operation of the radio on CW. You wouldn't even have to make a solder connection, just a simple clip lead would do the trick. Someone working on granddad's radio back in 1935 might have gone that far.

Jim

14098. Salvaging inductance switch contacts (taps)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-30 02:03:58 UTC
From: aflowers@frontiernet.net
Topic: 14098 Message: 14098

I salvaged several switch contacts from a piece of junk this evening and came up with a method that worked pretty well. There may be better ways to do this, but I'm sharing what worked for me in case anyone desires to do the same.

I had an old broken panel with some binding posts and inductance switch taps. It look like it used to be an old crystal radio more or less following the 1922 NBS pamphlet (only short a few taps). The wooden box was a wreck and there were no other parts with it. I wanted to get the switch contacts out because they might be useful in another project. Each contact had 6-32 threads and had been fastened to the panel with single nut. The owner had then soldered wires to the tips, which of course mucked up the threads makes uscrewing the nut impossible. The panel was wood--I didn't need to save it but I didn't want to start a fire either. So no torches. The space was tight, and getting in there with a dremmel tool to cut off the ends wasn't going to work, and it wasn't going to leave me with much left to reuse anyway. I wanted to get them out in one piece if possible.

First I soaked up or knocked off some solder with some wick. This stuff was gooey and dirty, so I had limited success with this, but it was a start. I did *not* use flux because I didn't want it running down the threads.

I found that I could grab the contacts from the front with a drill chuck on a variable speed drill, or if not enough room just some needlenose pliers. While holding the drill in one hand I placed a 100w gun on the tip of the bolt on the inside of the panel with the other hand and let it get nice and hot. By pulling on the contact from the front while rotating the drill slowly the friction held the nut against the panel and allowed it to unscrew. The nut pushes most of the solder off the end or onto a blob on the nut itself, and when finished you have a lightly tinned switch contact that you can put a new nut on without too much friction in most cases. The lack of flux is probably helpful in pushing it out of the threads.

Andy K0SM/2

14099. Re: Adaptor Spy Set Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-30 02:09:26 UTC
From: dulmagedon@...
Topic: 13958 Message: 14099

ok Jim, I have a SPDT switch mounted on a bracket attached to an unused hole in the chassis. I am going to draw in the mod in pencil and sleep on it. I guess once I have logged a legit QSO then I would be free (in my own mind) to mod it anyway. I am hoping band conditions improve in the next few weeks and head toward non summer conditions. And I understand if it makes no sense to others that I feel the need to do a QSO on an unmodified grandpas set. I wish I had another. One thing I discovered is spotting the rx onto the tx is very easy. It can be put bang on everytime. So I need a 470 ohm resistor from the AVC .02 cap to ground in some fashion. Thanks once again. If I had another chassis since it is a very selective radio. A few minor mods along with your mods and it would be a real practical shack set.
donVe3LYX

14100. Salvaging inductance switch contacts (taps)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-30 03:52:26 UTC
From: N3IBX
Topic: 14098 Message: 14100

Hello Andy, I've often wondered how to save those "buttons" of sorts that you salvaged from your inductance. They are few and far between and most useful when embarking on a new project or doing a restoration. Many thanks for sharing your method of removing them. Your 100W iron really came in handy for getting them hot enough so the solder would flow from them!

Best regards,
? ? ? ? ? ? ? ? ? ?Joe Cro N3IBX
?
?
On 08/29/16, 'aflowers@...' aflowers@frontiernet.net [AWAGroup] wrote:

?

I salvaged several switch contacts from a piece of junk this evening and came up with a method that worked pretty well.? There may be better ways to do this,?but I'm sharing?what worked for me in case anyone desires to do the same.

I had an old broken panel with some binding posts and inductance switch taps. It look like it used to be an old crystal radio more or less following the 1922 NBS pamphlet (only short a few taps).? The wooden box was a wreck and there were no other parts with it.? I wanted to get the switch contacts out because they might be useful in another project.? Each contact had 6-32 threads and had been fastened to the?panel with single nut.? The owner had then soldered wires to the tips, which of course mucked up the threads makes uscrewing the nut impossible.? The panel was wood--I didn't need to save it but I didn't want to start a fire either.? So no torches.? The space was tight, and getting in there with a dremmel tool to cut off the ends wasn't going to work, and it wasn't going to leave me with much left to reuse anyway.? I wanted to get them out in one piece if possible.

First I soaked up or knocked off?some solder with some wick.? This stuff was gooey and dirty, so I had limited success with this, but it was a start.? I did *not* use flux because I didn't want it running down the threads.

I found that I could grab the contacts from the front with a drill chuck on a variable speed drill, or if not enough room just some needlenose pliers.? While holding the drill in one hand I placed a 100w gun on the tip of the bolt on the inside of the panel with the other hand and let it get nice and hot. By pulling on the contact from the front while rotating the drill slowly?the friction held the nut against the panel and allowed it to unscrew.? The nut pushes most of the solder off the end or onto a blob on the nut itself, and when finished you have a lightly tinned switch contact that you can put a new nut on without too much friction in most cases.? The lack of flux is probably helpful in pushing it out of the threads.?

Andy K0SM/2

14101. 1927 TGTP RF Chokes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-30 22:00:28 UTC
From: Bill Stewart
Topic: 14101 Message: 14101

In the QST article 'A Flexible Transmitter' (Mar '27 QST, pg. 33) rf chokes are called for in the Grid and Plate circuits. The only ref. to construction/ value is this: 'Both grid and plate circuits are isolated at rf by the usual (?)* rf chokes which are in this case, small honey-comb units which are effective when wound with small wire.' Anyone have any idea on the value and/or another construction method that would give the same result as the honey-comb construction...turns, wire size, dia, etc. Do ya think a jumble wound coil of a few hundred turns would work? I have no idea ...just guessing. And the same construction questions re. the honey-comb version. Tnx for any ideas....73 de Bill K4JYS

*my italics/?

14102. Re: 1927 TGTP RF Chokes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-08-30 23:13:02 UTC
From: dulmagedon@...
Topic: 14101 Message: 14102

While I usually make my own I have a couple of times recently taken an discarded 1930s IF can and stolen the coil, cut it in half and had two very nicely made RF chokes. Currently they are in service on my breadboard station. It was an idea I had since they would not be resonant at the freqs I was using and it worked. perhaps I was just lucky but i would try it again in a second. the ones with a ceramic paired trimmer inside do not have ferrite cores so I figured they were the best choice.
donVe3LYX

14103. Time left to BK 2016

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-01 23:15:13 UTC
From: Louis Vermond
Topic: 14103 Message: 14103
Attachments: 1 described; binary payloads are missing from this source WARC

100 : 00 Days

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14104. Re: [AWA Group] Time left to BK 2016

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-02 00:08:42 UTC
From: K3PID
Topic: 14103 Message: 14104
Attachments: 1 described; binary payloads are missing from this source WARC

I guess I better get back to it.... Where do you fellows hang out early evenings? Might need to do some testing over the next 100 days...

Ron K3PID

From: mailto:AWAGroup@yahoogroups.com
Sent: Thursday, September 01, 2016 6:15 PM
To: AWAGroup
Subject: [AWA Group] Time left to BK 2016

100 : 00 Days

Virus-free. www.avast.com

14105. Re: [AWA Group] Time left to BK 2016

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-02 01:06:56 UTC
From: dulmagedon@...
Topic: 14103 Message: 14105

If you or anyone else needs to test on 40m or 80M and I am home and breathing I will listen for you. Just give me time and freq.
donVe3LYx

14106. TEST

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-02 00:32:51 UTC
From: Louis Vermond
Topic: 315 Message: 14106

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14107. TEST

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-02 00:43:09 UTC
From: Louis Vermond
Topic: 315 Message: 14107

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14108. Test

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-02 02:30:43 UTC
From: Louis Vermond
Topic: 7 Message: 14108

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14109. TEST

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-02 02:47:22 UTC
From: Louis Vermond
Topic: 315 Message: 14109

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14110. Re: [AWA Group] Re: 1927 TGTP RF Chokes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-01 18:16:32 UTC
From: Bill Stewart
Topic: 14101 Message: 14110

tnx for tip don...bill

----- Original Message -----

From: "dulmagedon@yahoo.ca [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, August 30, 2016 7:13:02 PM
Subject: [AWA Group] Re: 1927 TGTP RF Chokes

While I usually make my own I have a couple of times recently taken an discarded 1930s IF can and stolen the coil, cut it in half and had two very nicely made RF chokes. Currently they are in service on my breadboard station. It was an idea I had since they would not be resonant at the freqs I was using and it worked. perhaps I was just lucky but i would try it again in a second. the ones with a ceramic paired trimmer inside do not have ferrite cores so I figured they were the best choice.
donVe3LYX

14111. Re: Time left to BK 2016

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-02 18:44:23 UTC
From: dulmagedon@...
Topic: 14103 Message: 14111

Back before I bumped into the gang here I always had a hangerin for low tube count radio. I had built a BE and that is how I met most of you the night I was challenged to fire it up on the air. Then Lou got me interested in the 29 and earlier stuff. However I had even back then started a build of one for that style of rig. I had made the coil from a web site diagram and I printed out the build. This week while rooting through my junk box drawers for some crystals (doing custom replica adapter set for a fellow from the original German text and circuit he provided)I came across it. All neatly wound and varnished. IT seemed like such daunting project way back then. But now I don't understand why. Anyway with less then a hundred days to BK I think I will finally build it perhaps with my No 10 tube for the event. I am going through some of my "less then stellar" experiments (I know I am the only one with such things) and dismantling them to resurrect the parts in other forms. I shouldn't have to buy any parts! I think this will be come a Colpits. I don't have one and it is high time I did.
donVe3LYX

14112. Re: [AWA Group] Re: 1927 TGTP RF Chokes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-02 19:14:22 UTC
From: aflowers@frontiernet.net
Topic: 14101 Message: 14112

Bill,
The transmitter in that article made a point of being multi-band with plugin coils over several octaves (80-20 meters--quite a stretch at the time). My digital copy isn't the greatest to see what exactly the chokes look like, but it might be an early attempt at the more familiar basket-wound plate chokes that we usually see on iron powder cores...only with and air core. I would think that the basketwound choke is more about space saving over a cylindrical choke than anything else.
As Don said, I don't think its a problem so long as its not self resonant in the range that the oscillator will function...keeping in mind that tuning up a transmitter often involves sweeping several megahertz before you get it "in band". I don't know how hard it is to blow up a choke at the voltages these single-tube transmitters use or not....my guess is that its possible, but I have no first-hand experience with that kind of excitement!
Andy K0SM/2

On Tuesday, August 30, 2016 7:13 PM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  While I usually make my own I have a couple of times recently taken an discarded 1930s IF can and stolen the coil, cut it in half and had two very nicely made RF chokes. Currently they are in service on my breadboard station. It was an idea I had since they would not be resonant at the freqs I was using and it worked. perhaps I was just lucky but i would try it again in a second. the ones with a ceramic paired trimmer inside do not have ferrite cores so I figured they were the best choice.
donVe3LYX

14113. TEST # ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-02 20:00:30 UTC
From: Louis Vermond
Topic: 14113 Message: 14113

Have been wondering why the Group has been so quiet lately. See now that I can mail out to the Group, but RX nothing from the Group. All set ups seem OK. Any suggestions? Lou

---
This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14114. Re: [AWA Group] TEST # ?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-02 20:26:19 UTC
From: Bill Stewart
Topic: 14113 Message: 14114

Lou...u r QRK....QSA5 de K4JYS

----- Original Message -----

From: "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Sent: Friday, September 2, 2016 4:00:30 PM
Subject: [AWA Group] TEST # ?

Have been wondering why the Group has been so quiet lately. See now that I can mail out to the Group, but RX nothing from the Group. All set ups seem OK. Any suggestions? Lou
Virus-free. www.avast.com

14115. Re: [AWA Group] Re: 1927 TGTP RF Chokes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-02 20:29:42 UTC
From: Bill Stewart
Topic: 14101 Message: 14115

Tnx, Andy, for the info.
Firstly, you mention the coils. I was wondering abt that as well. All of our other SEO circuits use large dia. wire or copper tubing in the tank coils and usually have to be wound for each particular band. The Aero coils are of #14 wire I believe but they say that's ok. So far, I haven't seen any spec on the dia of the Aero coils.

I've only wound a few rf chokes, and they were per instructions in an article. I believe the one in my Hartley is maybe 100 turns on a half-inch dowel rod .....can't remember the wire size, but the coil is probably around 3 or so inches long. No problem with it as far as I know...at least no fire. As the article mentioned...the rf chokes 'are the usual' rf chokes....whatever that means. Is the construction all that critical? I will take a look at other circuits of the 1927 time frame and see what they generally use for rf chokes. The following is just some assumptions on my part:

>the honey-comb (basket weave) construction may have less distributed capacitance and inductance than one of vertical construction.
>its small size and low profile on the xmtr base may keep it from being influenced by nearby objects.
>altho the b-w coil may have a bit larger base footprint, vertical room would be min.
>oh, think I did read somewhere that the Q of the coil would be better with the b-w construction.

If I go thru with this project, I'll probably go with something of a vertical nature...but will continue looking for more info on period rf choke construction. I thought I might have the orig. QST in the book case, but don't, so, like you can't tell just what they look like.

Just wondering, if after construction, the choke could be checked with a GDO for its self resonance freq? Probably the best way is just to make it and try it in the circuit. I can check it to some extent, by running a neon lamp at the input and output ends to see if the rf has been stopped (at the bottom end). I'll probably have some more questions re. this project as time goes on...tnx for all replies.

Tnx agn for the nice sample....watch for an envelope with postage reimbursement.

73 de Bill K4JYS
----- Original Message -----

From: "'aflowers@...' aflowers@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Friday, September 2, 2016 3:14:22 PM
Subject: Re: [AWA Group] Re: 1927 TGTP RF Chokes

Bill,

The transmitter in that article made a point of being multi-band with plugin coils over several octaves (80-20 meters--quite a stretch at the time). My digital copy isn't the greatest to see what exactly the chokes look like, but it might be an early attempt at the more familiar basket-wound plate chokes that we usually see on iron powder cores...only with and air core. I would think that the basketwound choke is more about space saving over a cylindrical choke than anything else.

As Don said, I don't think its a problem so long as its not self resonant in the range that the oscillator will function...keeping in mind that tuning up a transmitter often involves sweeping several megahertz before you get it "in band". I don't know how hard it is to blow up a choke at the voltages these single-tube transmitters use or not....my guess is that its possible, but I have no first-hand experience with that kind of excitement!

Andy K0SM/2

On Tuesday, August 30, 2016 7:13 PM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

While I usually make my own I have a couple of times recently taken an discarded 1930s IF can and stolen the coil, cut it in half and had two very nicely made RF chokes. Currently they are in service on my breadboard station. It was an idea I had since they would not be resonant at the freqs I was using and it worked. perhaps I was just lucky but i would try it again in a second. the ones with a ceramic paired trimmer inside do not have ferrite cores so I figured they were the best choice.
donVe3LYX

14116. Re: [AWA Group] Re: 1927 TGTP RF Chokes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-02 21:43:47 UTC
From: dulmagedon@...
Topic: 14101 Message: 14116

I have made a lot. I don't think 100 would be an exaggeration.
what happens when a choke s not good or improperly made? In a transmitter no power output and heat. Been there done that. Q should not be wonderful either it would appear. You are trying to create an unfriendly RF environment. Too large a wire size can ruin performance even if number of turns is good. Scramble winding seems to help for small chokes. One method I have usedisto take a 1/2 inch dowel and cut 4 slots in it on my small lath with square tipped bit. Spaced and width as similar as possible to the old 4 winding 2.5 type we used to see in old radios. Sort of a neg of the old design. I then fill all five grooves with a continuous winding of fine wire. probably #26 or so. In the end I wind up with a very similar to the old style multi winding choke except all the winding I have is in the grooves and wound to level with the dowels normal surface. I have one on the Monster Hartley and on the German Hartley. Both set work well.
If you don't have a lathe and few do a drill press will handle the job and a bastard file can be used to fashion the groove. Some of you have enough God-given crafting ability that would be no you would have no trouble creatng something very professional looking. I am not among you. Working with wood is not my forte however I have been quite satisfied with the results I have obtained.
How do you know of a choke will work? At first it seemed to be a mysterious deal and I was discouraged by it but I realized back when building one of my regens that I am building a coil that RF of the frequency I am working at does not want to travel through. In simple terms an RF obstacle course. Since making the first few and having success I have tried several different methods mostly with success including using the one section of an old IF coil. Sometimes we tend to over think things. Then they become big obstacles to us and always a pain. I have learned some how to struggle through and try everything I think of. That has solved my RF choke problem to the point I probably wouldn't buy a commercial one even if I could. I have a picture of one I built in the manner mentioned here. I will resize it and post it in a minute. In final analysis and in the ONLY one that matters is they work. 200 turns of scramble wound fine wire will discourage most HF RF from even thinking about making an attempt to pass through. So that is how do it and i am hoping it is somewhat helpful to others.
donVE3LYX

14117. Re: [AWA Group] Re: 1927 TGTP RF Chokes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-02 21:53:19 UTC
From: dulmagedon@...
Topic: 14101 Message: 14117
Attachments: 1 described; binary payloads are missing from this source WARC

I see from the blowup I could have filled the holes a bit better. My aging eyes dont see well for close work even with glasses so I didn't notice this before however this choke works very well so I must have put enough on to do the job. I dip these in polyurethane after winding.
donVe3LYX

14118. Re: [AWA Group] Re: 1927 TGTP RF Chokes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-02 22:20:46 UTC
From: Eric NO3M
Topic: 14101 Message: 14118

As has been pointed out by others, as long as the choke is not self-resonant at the frequency(ies) of interest, most manners of construction should be suitable. I think the "usual" at least in reference to most late 20s and early/mid 30s articles is a solenoid wound choke on dowel, anywhere from 1.5-3 in. long, 1/2 - 1 in. dia. I've made a number of them, even for rigs up to 150W (203A), and no problems. The links that follow show some of the chokes in various transmitters, including the last one of the 203A amplifier we used for Field Day this year...

http://no3m.net/wp-content/uploads/2016/04/80m-45-210-1928-mopa-e1460216524837.png
http://no3m.net/wp-content/uploads/2016/01/160m-mopa-210-210.png
http://no3m.net/wp-content/uploads/2016/05/210-865-203a-MOPA-e1462246940210.jpg
http://no3m.net/wp-content/uploads/photo-gallery/DSCF5047.JPG-resized.jpg

GDO should be useful to determine where the choke is self-resonant. W8JI also has info on a test setup

http://www.w8ji.com/rf_plate_choke.htm

73 Eric NO3M

14119. Re: [AWA Group] Re: 1927 TGTP RF Chokes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-02 22:33:13 UTC
From: aflowers@frontiernet.net
Topic: 14101 Message: 14119

When I get some time this weekend I'll dig around in the 1925-27 timeframe and see if there are some good articles on choke construction. It seems it was very common in the early/mid 20's for the choke to be rather large--2-1/2 and larger in diameter, closewound helix on a form. (I have some references if people are interested).
There are various "crazes" that happen in some of the early amateur stuff that are probably insular to the hobby. A good example is the basketweave (Lorenz) coil winding for the "low loss" tuners in the 1924-25 timeframe. The Feb '24 QST showed the 1BGF and "Schnell" tuners, and lots of people copied those designs. Those designs were widely copied by hams, and thus a craze for baketweave coils--various ways of winding them, tying them, mounting them....There was a QST article a couple months later that made the point that the basketweave really had no inherent performance or electrical benefit over a spacewound helix, and required more wire for the same inductance. In fact, the receiver in the December 1924 issue again points out that "you don't have to use the Lorenz coils"....part of this was that they probably looked pretty cool with different colors of shiny enamel wire :-)
So, perhaps there was a "honeycomb choke" design that was popular in 1927, or maybe a commercial product that was introduced (Hammerlund maybe?) that people wanted to emulate if for no other reason than it looked cool and was a departure from the old helix choke. The author of that article was the founder (or something) of "Aero", and they made some transmitters, so what is in them?
Andy K0SM/2

On Friday, September 2, 2016 4:29 PM, "Bill Stewart cwopr@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  Tnx, Andy, for the info.
Firstly, you mention the coils. I was wondering abt that as well. All of our other SEO circuits use large dia. wire or copper tubing in the tank coils and usually have to be wound for each particular band. The Aero coils are of #14 wire I believe but they say that's ok. So far, I haven't seen any spec on the dia of the Aero coils.

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>its small size and low profile on the xmtr base may keep it from being influenced by nearby objects.
>altho the b-w coil may have a bit larger base footprint, vertical room would be min.

>oh, think I did read somewhere that the Q of the coil would be better with the b-w construction.

If I go thru with this project, I'll probably go with something of a vertical nature...but will continue looking for more info on period rf choke construction. I thought I might have the orig. QST in the book case, but don't, so, like you can't tell just what they look like.

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Tnx agn for the nice sample....watch for an envelope with postage reimbursement.

73 de Bill K4JYS
From: "'aflowers@...' aflowers@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Friday, September 2, 2016 3:14:22 PM
Subject: Re: [AWA Group] Re: 1927 TGTP RF Chokes

Bill,
The transmitter in that article made a point of being multi-band with plugin coils over several octaves (80-20 meters--quite a stretch at the time). My digital copy isn't the greatest to see what exactly the chokes look like, but it might be an early attempt at the more familiar basket-wound plate chokes that we usually see on iron powder cores...only with and air core. I would think that the basketwound choke is more about space saving over a cylindrical choke than anything else.
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donVe3LYX

14120. Bill's 1927 RFCs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-03 00:18:20 UTC
From: Louis Vermond
Topic: 14120 Message: 14120
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Bill,

I believe that you mentioned scramble would chokes. Here's some dope from the Jan., 1927 QST.

Still cannot RX mail from this group. Following along via the Group page.

73, Lou
VE3AWA

34 - 30 Ga., D. C. or S. would do.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14121. RE: '27 Chokes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-03 06:20:20 UTC
From: Roger Kuchera
Topic: 14121 Message: 14121

If you use wooden dowel, you might consider soaking the dowel in hot paraffin/beeswax.
Pleasebe careful of the hot wax.
Roger/K1TG

14122. Re: Bill's 1927 RFCs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-03 09:58:25 UTC
From: dulmagedon@...
Topic: 14120 Message: 14122

I have to make one for my this years BK project which is well underway as I just mentioned. I will picture it as I go.
donVE3LYX

14123. Re: [AWA Group] Bill's 1927 RFCs

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-03 11:58:06 UTC
From: Bill Stewart
Topic: 14120 Message: 14123

Tnx for the info Lou....73, Bill

----- Original Message -----

From: "'Louis Vermond' ldvermond@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Sent: Friday, September 2, 2016 8:18:20 PM
Subject: [AWA Group] Bill's 1927 RFCs

Hi Bill,

I believe that you mentioned scramble would chokes. Here's some dope from the Jan., 1927 QST.

Still cannot RX mail from this group. Following along via the Group page.

73, Lou
VE3AWA

34 - 30 Ga., D. C. or S. would do.

Virus-free. www.avast.com

14124. Re: [AWA Group] RE: '27 Chokes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-03 12:00:57 UTC
From: Bill Stewart
Topic: 14121 Message: 14124

Tnx Roger....that would be surely period correct.
Don't know if it's as good, but I used several coats
of polyurethane on the one in the Hartley.....
73, Bill K4JYS

----- Original Message -----

From: "Roger Kuchera rwkuchera@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "yahoogroups" <awagroup@yahoogroups.com>
Sent: Saturday, September 3, 2016 2:20:20 AM
Subject: [AWA Group] RE: '27 Chokes

If you use wooden dowel, you might consider soaking the dowel in hot paraffin/beeswax. Please
be careful of the hot wax.

Roger/K1TG

14125. Power Cable

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-03 14:36:28 UTC
From: Eric NO3M
Topic: 14125 Message: 14125

I know it's a long shot, but anyone possibly have a 4-cond. cloth covered power cable with (or without!) 4-pin connector? Similar to power cable on HROs, SW-3, FB-7 maybe others. It will be used with a homebrew 1934 superhet to mate with a HRO doghouse supply. Not sure if I will be using 2.5 or 6.3VAC tubes... the former will need about 10A filament current.

73 Eric NO3M

14126. Re: [AWA Group] Power Cable

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-03 14:51:03 UTC
From: Bill Stewart
Topic: 14125 Message: 14126

Eric...don't now if this will help, but Radio Daze has some cloth covered wire (which I use and like) and some 4-wire cloth covered cable.
http://www.radiodaze.com/multi-conductor/
Good luck with the project....73 de Bill K4JYS

----- Original Message -----

From: "Eric NO3M no3m@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Saturday, September 3, 2016 10:36:28 AM
Subject: [AWA Group] Power Cable

I know it's a long shot, but anyone possibly have a 4-cond. cloth covered power cable with (or without!) 4-pin connector? Similar to power cable on HROs, SW-3, FB-7 maybe others. It will be used with a homebrew 1934 superhet to mate with a HRO doghouse supply. Not sure if I will be using 2.5 or 6.3VAC tubes... the former will need about 10A filament current.

73 Eric NO3M

14127. Re: [AWA Group] Power Cable

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-03 15:17:43 UTC
From: Niel - W0VLZ
Topic: 14125 Message: 14127

Eric,

You might try a long black or brown cloth shoelace. Clip the tips off.
You'll have a cloth tube that you run your own wire through to make
reproduction cloth covered power cable. That's what I did for the
metering cable on this transmitter:
http://w0vlz.blogspot.com/search/label/1934%20transmitter ,
http://1.bp.blogspot.com/_svHaMoEDgIg/Sq77ARzfwBI/AAAAAAAAAM8/l_R9csMuiFs/s1600/Front12Sept09.jpg

73,
Niel - W0VLZ

Eric NO3M no3m@... [AWAGroup] wrote:
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> I know it's a long shot, but anyone possibly have a 4-cond. cloth
> covered power cable with (or without!) 4-pin connector? Similar to
> power cable on HROs, SW-3, FB-7 maybe others
>
>
>

14128. Fix Test

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-03 15:42:35 UTC
From: Louis Vermond
Topic: 14128 Message: 14128

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14129. RE: [AWA Group] Fix Test

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-03 15:50:52 UTC
From: Mike Feher
Topic: 14128 Message: 14129

Well, did it work? -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, September 03, 2016 11:43 AM
To: AWAGroup
Subject: [AWA Group] Fix Test

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campai
gn=sig-email&utm_content=emailclient>

Virus-free.
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campai
gn=sig-email&utm_content=emailclient> www.avast.com

14130. Re: [AWA Group] RE: '27 Chokes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-03 16:35:20 UTC
From: Ron Barlow
Topic: 14121 Message: 14130

Just a suggestion---unless the wooden dowel has been stored long term in a very low humidity type environment, you will probably want to bake the rod before applying wax or other sealant. Otherwise, you will simply be sealing in some of the offending moisture, that you are attempting to exclude. I suspect that a rather long term heat soak, at a moderate temp, would be best. You don't want to char the wood, thus the suggestion to use a moderate temp.

On Saturday, September 3, 2016 8:01 AM, "Bill Stewart cwopr@embarqmail.com [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Tnx Roger....that would be surely period correct.
Don't know if it's as good, but I used several coats
of polyurethane on the one in the Hartley.....
73, Bill K4JYS

From: "Roger Kuchera rwkuchera@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "yahoogroups" <awagroup@yahoogroups.com>
Sent: Saturday, September 3, 2016 2:20:20 AM
Subject: [AWA Group] RE: '27 Chokes

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Roger/K1TG

14131. Re: [AWA Group] Power Cable

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-03 17:28:46 UTC
From: Leonard Meek
Topic: 14125 Message: 14131

Fabric shops sell sash cords in various lengths and sizes that look identical to cloth covered cable. Just pull out the inner stuff and pull in your wire.

Leonard

----- Original Message -----
From: "Niel - W0VLZ w0vlz@aggienetwork.com [AWAGroup]" <AWAGroup@yahoogroups.com>
To: <AWAGroup@yahoogroups.com>
Sent: Saturday, September 03, 2016 5:17 AM
Subject: Re: [AWA Group] Power Cable

> Eric,
>
> You might try a long black or brown cloth shoelace. Clip the tips off.
> You'll have a cloth tube that you run your own wire through to make
> reproduction cloth covered power cable. That's what I did for the
> metering cable on this transmitter:
> http://w0vlz.blogspot.com/search/label/1934%20transmitter ,
> http://1.bp.blogspot.com/_svHaMoEDgIg/Sq77ARzfwBI/AAAAAAAAAM8/l_R9csMuiFs/s1600/Front12Sept09.jpg
>
> 73,
> Niel - W0VLZ
>
>
>
> Eric NO3M no3m@... [AWAGroup] wrote:
>>
>> I know it's a long shot, but anyone possibly have a 4-cond. cloth
>> covered power cable with (or without!) 4-pin connector? Similar to
>> power cable on HROs, SW-3, FB-7 maybe others
>>
>>
>>
>
>
>
> ------------------------------------
> Posted by: Niel - W0VLZ <w0vlz@...>
> ------------------------------------
>
>
> ------------------------------------
>
> Yahoo Groups Links
>

>
>
>

14132. Sidetracked by a Sparton 5542 tall boy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-03 19:44:27 UTC
From: dulmagedon@...
Topic: 14132 Message: 14132

Yesterday on the way home from The Station we stopped at a small antique shop we had been in before when looking for old SW radios. They had none that day but the XYL saw a painting she liked identical to what her grandparents had in their house. I decided to score it now for her Nov birthday before I went back and discovered it was gone. We came in the door and there in front of us was a roached out tall boy (Floor Model) Sparton with shortwave.We got the painting and the XYL bought an antique East Lake dresser which took up the whole back end of the Journey. The guy knew I was interested in the radio and before I left I had wiggled him down to $30. It was pretty tough but had a replacement speaker in it and I needed one for the CGE set I was using the adapter transmitter with. I went home to think. In the mail was an unexpected cheque for $26.95. Finally at breakfast the XYL told me I had no choice. I needed a speaker , a grill cloth(this one was good) and the money had fallen out of the sky,(or most of it.) Surely I could scrape $3.05 from my piggy bank. I caved in and went and got it. The cabinet is beyond repair and the cord was rotten as was the plug but as I took it apart, other then an inch of dust, it looked decent. I told her it will probably work since it looked so bad. And In fact it does. It is going to become my general coverage shack receiver although it will lose its nice speaker and get converted to phones and pern-magnet. Even has the same final as the other , a 6f6g so it will also take the adapter if need be. So all the mods you spoke of Jim are going to happen here. Oh yeah despite being 1940 it also has a phonograph. The old pickup that used clamped in gramaphone needles. I couldn't believe it but it actually runs.

The RF choke will have to wait for another day. I am donating the cabinet to my buddies wood pile.
donVE3LYX

14133. Re: [AWA Group] Power Cable

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-04 00:17:15 UTC
From: Eric NO3M
Topic: 14125 Message: 14133

Thanks for all the suggestions! I should be able to get something rigged up with this great advice.

73 Eric NO3M

14134. Line voltage vrs old sets

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-04 13:27:36 UTC
From: dulmagedon@...
Topic: 14134 Message: 14134

I am not easily alarmed so often I ignore somethings anyway however for the ever nervous in relation to the concept that line voltages have risen and may smoke your radio let me quote word for word from the original 1940 owners manual that was stapled inside this old Sparton SW radio.

"This model is designed for operation on 100 to 130 volts, either 25 or 60 cycle alternating current (a.c.). See label on back. If in doubt about the rating of the current which is available , the local power company should be consulted."

Above that is a dark letter warning which says,
"WARNING! Do not connect this type SPARTON Radio Receiving Set to direct current (d.c.)supply system as it will be damaged. Do not attempt to operate this set of the line voltage is less then 100 or more then 130."

I am sure other manufacturers saw it no different. Many used the same circuits more or less and same parts.

donVe3LYX

14135. RE: [AWA Group] Line voltage vrs old sets

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-04 13:54:22 UTC
From: Mike Feher
Topic: 14134 Message: 14135

Don –

That is interesting. Since they tell you not to try it on DC, I assume it has a transformer. It must be a pretty hefty transformer in order to go all the way down to 25 cps. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, September 04, 2016 9:28 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Line voltage vrs old sets

I am not easily alarmed so often I ignore somethings anyway however for the ever nervous in relation to the concept that line voltages have risen and may smoke your radio let me quote word for word from the original 1940 owners manual that was stapled inside this old Sparton SW radio.

"This model is designed for operation on 100 to 130 volts, either 25 or 60 cycle alternating current (a.c.). See label on back. If in doubt about the rating of the current which is available , the local power company should be consulted."

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I am sure other manufacturers saw it no different. Many used the same circuits more or less and same parts.

donVe3LYX

14136. Re: RE: [AWA Group] Line voltage vrs old sets

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-04 14:31:10 UTC
From: N3IBX
Topic: 14134 Message: 14136

Mike,Don.
? ? ? ? ? ? ? ?I stand corrected on this, but I think that before WWII most Canadian appliances were designed to operate off of 25 cycle AC. I think it wasn't until sometime after the war that they became standardized with the rest of North America and went to 60 cycles, which continues to this day.?

If anyone on the list would know more about this I'd be very interested in hearing more about it. Does anyone know what year the conversion was and why they operated off of 25 cycles in the first place? I wonder if it had anything to do with the hydroelectric generating plant at Niagra Falls? If so, then what about the Western Canadian Provinces, etc?

\Regards,
? ? ? ? ? ? ? ?Joe Cro N3IBX
? ? ? ? ? ? ? ?
?

On 09/04/16, 'Mike Feher' n4fs@... [AWAGroup] wrote:
?
?

Don –
?
That is interesting. Since they tell you not to try it on DC, I assume it has a transformer. It must be a pretty hefty transformer in order to go all the way down to 25 cps. 73 – Mike
?
Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960
?
From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, September 04, 2016 9:28 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Line voltage vrs old sets
?
?
I am not easily alarmed so often I ignore somethings anyway however for the ever nervous in relation to the concept that line voltages have risen and may smoke your radio let me quote word for word from the original 1940 owners manual that was stapled inside this old Sparton SW radio.

?
"This model is designed for operation on 100 to 130 volts, either 25 or 60 cycle alternating current (a.c.). See label on back. If in doubt about the rating of the current

which is available , the local power company should be consulted."?
?
Above that is a dark letter warning which says,
"WARNING! Do not connect this type SPARTON Radio Receiving Set to direct current (d.c.)supply system as it will be damaged. Do not attempt to operate this set of the line voltage is less then 100 or more then 130."
?
I am sure other manufacturers saw it no different. Many used the same circuits more or less and same parts.
donVe3LYX
?
?

14137. RE: RE: [AWA Group] Line voltage vrs old sets

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-04 16:38:30 UTC
From: Steve Flood
Topic: 14134 Message: 14137

https://en.wikipedia.org/wiki/Utility_frequency

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14138. Re: 1927 TGTP RF Chokes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-04 17:56:33 UTC
From: Bill Stewart
Topic: 14101 Message: 14138

Tnx to all who responded. Lots of good info and should help be get something made up should I pursue this project.....73 de Bill K4JYS

14139. RE: RE: [AWA Group] Line voltage vrs old sets

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-04 21:53:23 UTC
From: dulmagedon@...
Topic: 14134 Message: 14139

Well since I have been alive it has been 60cycle but have heard some old private systems still ran 25 cycle. One might be the hydo plant at Fitzroy Habour on the Ottawa River. There is a small plant here on the Trent River which is very old but I don't know its history. The transformer in this old radio is average in size so maybe the load is light. What got my attention more was the voltage range. I had been led to believe otherwise but there it is in black and white. I know that Canada and the USA are interconnected, even in phase I havebeen told. And I know the extension cord for much of the Eastern USA is plugged in here and they get the power at less then we pay. A very sore spot with Canadian Consumers. Anyway it was the voltage range expected that got my attention.
Today I was on duty at the Ameliasburgh Museum. For many years I have been their representive fiddle maker.
It has worn thin for me so as I talked with the curator while setting up I asked about a 1920s ham radio display instead. Got a definate enthusiastic YES! So for Canada's 150th birthday (2017) I will be setting up a BK style station and operating. I am hoping that some of you would pound a little brass my way that day so it is an active display. I will buid a period correct audio amp so all can hear what I hear. It would Labour Day weekend Sunday from noon to 4 pm.
donVe3LYX

14140. ebay alert - only little over an hour left.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-05 01:22:31 UTC
From: Mike Feher
Topic: 14140 Message: 14140
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/142098035058?_trksid=p2055119.m1438.l2649
<http://www.ebay.com/itm/142098035058?_trksid=p2055119.m1438.l2649&ssPageNam
e=STRK%3AMEBIDX%3AIT> &ssPageName=STRK%3AMEBIDX%3AIT

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

14141. Homebrewing an RFC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-05 13:24:38 UTC
From: dulmagedon@...
Topic: 14141 Message: 14141
Attachments: 1 described; binary payloads are missing from this source WARC

Today is BK rig day so I am making the RFC which is all I lack for the build. Starting with a dowel I elected to do it all on the table saw since not everyone has a lathe. By setting the blade depth and using a wide carbide tiped blade I cut 5 grooves evenly spaced (by eye) to accept the wire. I tapered the top so it will look official when done also on the table saw. Hopefully in an hour or so (if I can find a big enough spool of wire left in my junk box) I will have a good RFC. Most dowels are already kiln dried so mositure is not an issue.
I will predrill a small mounting hole in the bottom before doing anything else. Then dress it up with a file and sandpaper before winding.

donVe3LYX

14142. Re: Homebrewing an RFC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-05 14:33:41 UTC
From: dulmagedon@...
Topic: 14141 Message: 14142
Attachments: 1 described; binary payloads are missing from this source WARC

So an hour later here we are. Connectors are made from ends of useless resistors and RFC wire stripped and soldered to them. Now for a swim in the polyerethane pot and a drip dry. Some of you would be able to produce a much nicer looking one. I seem to be more function then form. sorri.
donVe3LYX

14143. 1924 plugin coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-05 15:15:34 UTC
From: aflowers@frontiernet.net
Topic: 14143 Message: 14143
Attachments: 1 described; binary payloads are missing from this source WARC

While Don's been working on an RFC, I've been working on some plugin Lorenz coils for a receiver following an article in QST Dec. 1924, p. 52-54. I used a 3-1/2" circle of nails in a scrap of MDF for the form. The nails loosened up a bit after winding a couple, so I think I might recommend to anyone attempting this to take the time to drill holes in a sturdy slab of wood and put in wooden or brass rods if you are going to make a bunch like this. It should last forever and will probably keep the larger coils in a more regular shape.

They are wound with #16 enamel wire. 6-32 screws are inserted into a phone-tip plug to make the whole assembly "pluggable". I also found that my stash of phone-tips wouldn't quite accept a 6-32 brass screw, but I was able to ream them out enough with a Dremel tool and an old 1/8" drill bit to get a tight mechanical fit that soldered well.

The only receiver I've ever built was a solder-by-numbers Ramsey kit with a FET and PC board about 20 years ago. This is something entirely different...

Andy K0SM/2

14144. Re: 1924 plugin coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-05 17:40:24 UTC
From: dulmagedon@...
Topic: 14143 Message: 14144

Very cool. OLD school! Is it a regen or?
don

14145. Re: Time left to BK 2016

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-05 17:45:06 UTC
From: dulmagedon@...
Topic: 14103 Message: 14145
Attachments: 1 described; binary payloads are missing from this source WARC

I'm dancing as fast as I can!
donVe3LYX

14146. Re: [AWA Group] Re: 1924 plugin coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-05 18:14:17 UTC
From: aflowers@frontiernet.net
Topic: 14143 Message: 14146

It's going to be a regen with a movable tickler. The picture is of the secondary coils, hence only two contacts. The QST editors mention using a "Hartley" or "Reinartz" arrangement in which you use a tapped coil for tickler and secondary and a variable condenser to adjust feedback. This seems to be a more common plug-in arrangement later on since one only has to change one coil to change bands if you put them all on one form.
Andy K0SM/2

On Monday, September 5, 2016 1:40 PM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

> Very cool. OLD school! Is it a regen or?
> don

14147. Re: Moderator

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-05 20:18:14 UTC
From: Louis Vermond
Topic: 14147 Message: 14147

OK Bruce, here we go....

Hi Louis,

Please make a request to rejoin the group and I'll bump up your privileges. Cordially, Bruce

---
This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14148. Re: [AWA Group] Re: 1924 plugin coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-06 00:11:30 UTC
From: dulmagedon@...
Topic: 14143 Message: 14148

I have a one tube regen here commercially made. It has 2 pin coils . Three of them. One couples the antenna , one sest freq (I have only Broadcast Band) and one provides feedback. Made by Starr Metal Products in Toronto ca 1917. It still works. I think your in for a real treat!
Hartley regens. I have a few speaking of Hartley regens. What I notice most as they are very well behaved.
Anyway I await your fire up. Should be a blast to use.
donVe3LYX

14149. RE: [AWA Group] Re: 1924 plugin coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-06 00:14:12 UTC
From: Mike Feher
Topic: 14143 Message: 14149

Don –

I am sure that 1917 date is not correct, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, September 05, 2016 8:12 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: 1924 plugin coils

I have a one tube regen here commercially made. It has 2 pin coils . Three of them. One couples the antenna , one sest freq (I have only Broadcast Band) and one provides feedback. Made by Starr Metal Products in Toronto ca 1917. It still works. I think your in for a real treat!
Hartley regens. I have a few speaking of Hartley regens. What I notice most as they are very well behaved.
Anyway I await your fire up. Should be a blast to use.
donVe3LYX

14150. Still testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-06 03:17:33 UTC
From: Louis Vermond
Topic: 14150 Message: 14150

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14151. RE: [AWA Group] Re: 1924 plugin coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-06 20:08:36 UTC
From: dulmagedon@...
Topic: 14143 Message: 14151

Oh I didnt realize you had seen it.
Anyway that I what I was told by an online guru at the time (about 25 years ago) who also offered to buy it.
It was a locally owned radio belonging to the Spraque Telephone Company Prince Edward County Ontario Canada. Their estate was held up for many many years (perhaps 40 or 50)until a family member capitilated or died then it was dispersed. The building was full of Antique telephone equipment , boxes of early peanut tubes smaller then WD11 or 199s , I forget the number but suffice to say I have never seen any since. When the box of parts and pieces came up no one knew what it was this little oak box with a funny looking tube and some dials cept me. I told the XYL I will go to $2500 for it but I am not leaving without it. I had to buy the whole box. Luckily for only $250. A telephone collector came to me and asked if I would sell him some of it. I told him all I wanted the oak box so he gave me $100 on the spot for the rest and I am in only $150 now. I took it home , repaired the grid leak by rewinding the resistance wiring which had started to unravel. Adjusted the condensor spacing as the box had warped a bit stressing it. Clipped a few 9 volts together and bought a 6 volt cell and hooked it up to my ham ariel and a pair of Brandes Earphones. Tuned the dial till I got the local station, adjusted the coil positions for proper feedback just in time to hear the local hockey game and our teams first score. 1917 1919 not a hill I wanna die on . BUT it is the OLDEST commercially built tube radio i have ever seen bar none and I have several with in an arm length of me right now. I was offered ("would you consider taking ") I believe $1000 US (was about 25 years ago)and I didn't even flinch! It aint leaving here while I am breathing. There is absolutely no chance of ever getting another one.
donVe3LYX

14152. Re: [AWA Group] Re: 1924 plugin coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-06 20:27:10 UTC
From: Larry Szendrei
Topic: 14143 Message: 14152

Don, would it be too much to ask you to post a photo of it?

73,
-Larry/NE1S

On 9/6/16 4:08 PM, dulmagedon@... [AWAGroup] wrote:
>
> When the box of parts and pieces came up no one knew what it was this
> little oak box with a funny looking tube and some dials cept me._
>
> .
>
>

14153. RE: [AWA Group] Re: 1924 plugin coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-06 21:26:55 UTC
From: Mike Feher
Topic: 14143 Message: 14153

Don –

The smaller tubes were probably WE or NE 215As also designated as VT-5s and called “peanut tubes”. If it is a regen, I doubt it is earlier than 1922. How about a photo. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, September 06, 2016 4:09 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Re: 1924 plugin coils

Oh I didnt realize you had seen it.
Anyway that I what I was told by an online guru at the time (about 25 years ago) who also offered to buy it.
It was a locally owned radio belonging to the Spraque Telephone Company Prince Edward County Ontario Canada. Their estate was held up for many many years (perhaps 40 or 50)until a family member capitilated or died then it was dispersed. The building was full of Antique telephone equipment , boxes of early peanut tubes smaller then WD11 or 199s , I forget the number but suffice to say I have never seen any since. When the box of parts and pieces came up no one knew what it was this little oak box with a funny looking tube and some dials cept me. I told the XYL I will go to $2500 for it but I am not leaving without it. I had to buy the whole box. Luckily for only $250. A telephone collector came to me and asked if I would sell him some of it. I told him all I wanted the oak box so he gave me $100 on the spot for the rest and I am in only $150 now. I took it home , repaired the grid leak by rewinding the resistance wiring which had started to unravel. Adjusted the condensor spacing as the box had warped a bit stressing it. Clipped a few 9 volts together and bought a 6 volt cell and hooked it up to my ham ariel and a pair of Brandes Earphones. Tuned the dial till I got the local station, adjusted the coil positions for proper feedback just in time to hear the local hockey game and our teams first score. 1917 1919 not a hill I wanna die on . BUT it is the OLDEST commercially built tube radio i have ever seen bar none and I have several with in an arm length of me right now. I was offered ("would you consider taking ") I believe $1000 US (was about 25 years ago)and I didn't even flinch! It aint leaving here while I am breathing. There is absolutely no chance of ever getting another one.
donVe3LYX

14154. RE: [AWA Group] Re: 1924 plugin coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-07 09:06:24 UTC
From: dulmagedon@...
Topic: 14143 Message: 14154

Naw. I am just going to enjoy it for the one I bought it for. Me. Tired of defending every statement. Sorry. I just want to enjoy playing radio. This is supposed to be fun.
donVe3LYX

14155. RE: [AWA Group] Re: 1924 plugin coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-07 12:16:21 UTC
From: Mike Feher
Topic: 14143 Message: 14155

Well, in my opinion that is a pretty piss poor attitude when my intention was just to help you. As they say, ignorance is bliss, so enjoy. – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, September 07, 2016 5:06 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Re: 1924 plugin coils

Naw. I am just going to enjoy it for the one I bought it for. Me. Tired of defending every statement. Sorry. I just want to enjoy playing radio. This is supposed to be fun.
donVe3LYX

14156. 1934 Superhet build

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-07 16:24:20 UTC
From: Eric NO3M
Topic: 14156 Message: 14156

I recently started building a superhet receiver based on a May 1934 QST article. For anyone interested, I'll be publishing frequent posts on my site chronicling the build:

http://no3m.net/

So far there are three posts, but more to come as I catch up with the current project status.

73 Eric NO3M

14157. RE: [AWA Group] 1934 Superhet build

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-07 16:45:45 UTC
From: Paul Christensen
Topic: 14156 Message: 14157

Eric,

Nice work so far. Also, great examples of your homebrew Hartley and MOPA rigs.

Paul, W9AC

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, September 07, 2016 12:24 PM
To: AWAGroup@yahoogroups.com; Michael Sapp <wa3tts@...>; steve.miller@winkle.com; John Langridge <kb5njd@...>; Robert <w3bbo1@...>; Frank Lotito <k3dz@...>; Barry Capell <bhcapell@...>
Subject: [AWA Group] 1934 Superhet build

I recently started building a superhet receiver based on a May 1934 QST article. For anyone interested, I'll be publishing frequent posts on my site chronicling the build:

http://no3m.net/

So far there are three posts, but more to come as I catch up with the current project status.

73 Eric NO3M

14158. RE: [AWA Group] Re: 1924 plugin coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-07 18:47:14 UTC
From: w0vlz@...
Topic: 14143 Message: 14158

Here's an early Starr Metal Products set at the Canada Science and Technology Museum:

http://techno-science.ca/en/collection-research/collection-item.php?id=1994.0241.001
http://techno-science.ca/en/collection-research/collection-item.php?id=1994.0241.001

The Canada Science and Technology Museum looks pretty interesting. Has anyone been there?

73,
Niel - W0VLZ

14159. RE: [AWA Group] Re: 1924 plugin coils

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-07 22:00:43 UTC
From: Mike Feher
Topic: 14143 Message: 14159

Cute little set Niel. It uses a similar to deForest triple tuner visible on a lot of deForest radios of the early 20’s. I used to have onr of these http://www.radiomuseum.org/r/deforest_mr6_1.html but traded it about 15 years ago. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, September 07, 2016 2:47 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Re: 1924 plugin coils

Here's an early Starr Metal Products set at the Canada Science and Technology Museum:
<http://source.techno-science.ca/artifacts-artefacts/images/1994.0241.001.aa.cs.png>
http://techno-science.ca/en/collection-research/collection-item.php?id=1994.0241.001

The Canada Science and Technology Museum looks pretty interesting. Has anyone been there?

73,
Niel - W0VLZ

14160. RE: [AWA Group] 1934 Superhet build

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-08 00:05:01 UTC
From: Steve Flood
Topic: 14156 Message: 14160

I have your page bookmarked and am looking forward to your progress Eric!

Steve, KK7UV

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14161. Re: [AWA Group] Power Cable

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-08 13:46:53 UTC
From: Roger Kuchera
Topic: 14125 Message: 14161

Let me add my 2 cents worth re: power cable. Radio Daze sells an 8-conductor cable with a wovenbrown fabric wrapping. The only short-coming is the gauge of the wire. You will need to parallel atleast 2 wires for any substantial filament current (e.g. 2.5 volt). I installed this cable in a FBXA thatI restored. To allow for the use of either 2.5 or 6.3 volt filaments, I paralleled 3 wires for each side(for a total of 6). This left 2 wires for the B+ and ground. It's a trifle stiff but it looks OK.
Roger/K1TG

On Saturday, September 3, 2016 8:17 PM, "Eric NO3M no3m@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Thanks for all the suggestions! I should be able to get something rigged up with this great advice.

73 Eric NO3M

Posted by: Eric NO3M <no3m@no3m.net>

Yahoo Groups Links

14162. AWA 1929 Bruce Kelley QSO Party Notes Plus Some ..... de WA9WFA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-10 13:26:52 UTC
From: Louis Vermond
Topic: 14162 Message: 14162

Please note the event is not on it’s traditional first and 2nd weekend in December but instead the 2nd and 3rd weekend.

Hi All, Just a September reminder of the upcoming December 2016 Bruce Kelley 1929 QSO Party! For some of us it’s time to dust off the tubes and find out if our 29 gear works 1 year later. For some on here, it’s 1929 all year along so nothing to check out or dust because the 29 gear is used all the time. My close friend Harold KB0ROB uses his 29 gear all year long so he’s got nothing to dust off. The rules and log are up on the AWA website under AWA Events/AWA On the Air/Bruce Kelley Memorial QSO Party. Thanks Tim. If you don’t use the official log sheet, at least please add up your contacts for me so I don’t have to do it :)

Please note the event is not on it’s traditional first and 2nd weekend in December but instead the 2nd and 3rd weekend. Tim W1GIG made the change based on a big CW contest blowing into the first weekend. I hope this doesn’t cause confusion. Please mention to your 1929 buddies that the dates are December 10 and 17.

I am also announcing my retirement as the 1929 QSO Party manager. I’ve submitted my resignation to Tim W1GIG with the commitment to run it in December 2016 and do the scoring and write up for the Spring AWA Journal issue. There needs to be someone new at the helm for the 2017 event. Hopefully YOU. After some 13 or 14 years of managing this fun event it’s time to pass the administration along to another dedicated 1929’er. It has been a true honor for me to run this event for the Antique Wireless Association, and more importantly Bruce Kelley and John Rollins. When I volunteered to help John imagine my surprise when I was eventually asked to take it over! Later John would send me a letter saying how happy he was with my management of the event and to keep it alive for him and Bruce. I feel l have done Bruce and John well and they would be pleased with how well their "unique in all ham radio event” has continued to thrive. Most recently I initiated the W2ICE/ special event station which has been so fun to be and work. We’ve been passing it around the country which adds to the intrigue. My thanks to the AWA and Ed Gable for allowing us do to this. It’s been many years since W2ICE has been heard on the bands until we put it on the air 2 years ago. I think Bruce would be happy. Lets face it, there is something beyond intriguing about building and operating this 1929 equipment, and you 1929’er are unique in ham radio. THANK YOU! You are the “hams ham”, building, operating, enjoying.

Just before John passed away, he was building a few Colpitts tank circuits for some close friends. The Colpitts oscillator configuration was John’s favorite. Harold KB0ROB got one, Tim W1GIG got one, and I almost got one. John passed away before he mailed it to me but Tim Walker W1GIG stepped up and mailed it to me for John, knowing it was supposed to come my way. I didn’t know about it until it showed up in the US POST Mail with Tim’s note. Thanks Tim!! Harold KB0ROB knew John was making it for me but didn’t know if John was able to ship it before his passing. There are a couple of us Colpitts “aficionados ” in the 29 QSO Party :) You should give it a try, very stable, neater than those old boring Hartley’s and TNT’s har har.

If you are interesting in taking over the event, please contact my good friend Tim Walker W1GIG w1gig@...t, the AWA Amateur Radio Manager, to offer your help! Help keep it alive for Bruce and John. Tim has been a good AWA friend and AWA Amateur Radio Manager after taking over from John Rollins. So working with Tim is easy! While he may be easy to work with, he is not so easy to contact in the 1929 QSO from this location. I've worked him a few times but I can't tell you how many times I've heard his 80 meter signal drift in on 80m in the early morning around 6:30 AM for a few minutes but fade out before I can work him :)

As I reminisce I should mention one of my favorite AWA memories is of the 2007 AWA Conference where my close 29 friends Don N9OO, Lou VE3AWA, and I sat outside of the RIT Conference Center smoking some big fat Macanudo cigars, sipping wine, and the whole time talking about 1929 radio and the AWA museum. Later Lou gave me a rare blue beehive insulator for my 29 Colpitts transmitter at the convention so I finally had a set. Earlier the peach pie with Don and Lou at that restaurant across the street from the downtown Bloomfield museum was memorable! What a fabulous time!.

Our good friend Bill K4JYS, who was the high scorer in last years QSO Party, has agreed to operate as W2ICE/4 this year, using Bruce Kelley's callsign and portable from North Carolina. Bill's excellent signal with its "character" (ok, a lot of 'character' hi hi) and superb operating skills will put W2ICE/4 in a lot of logs this year! Thank you Bill!

Lastly and on an unrelated note, I have a couple of old radio items to sell :) I have an original 20's GROWLER that is incredibly well built into a wooden box with thick copper shielding lining the inside of the box. The GROWLER is shielded oscillator used to determine a 1929 regen receiver's frequency without overloading or pulling. I've seen the circuit in the late 20's and early 30's handbooks. I believe it uses a 24A. The operator connects the Growler and tunes it until the signal is heard in the receiver. It is also a shielded receiver used to determine the transmitting frequency. Also selling an early 1930's home-brew crystal controlled transmitter built for 80 meters, on a metal chassis. Original 80 meter coil has collapsed as the plastic disintegrated somewhere along the way but I still have it. It still has it's original 1930 electrons stored in the circuitry. Also selling a unique 1930's crystal controlled transmitter build on a wooden chassis, with meters mounted below the electronics, about 3 feet long, using a 210 in the oscillator, some unknown tube in the buffer/mixer, and an 860 nuclear reactor in the final. Not sure how to ship it. I don't know if it's all original or been updated. I will let you arrange with the UPS store to box and ship it. Email for pictures and price on these items if interested.

I've sold most of my boat anchor radio gear now. Just a few pieces left to sell. Now I have a nice very SMALL collection of boat anchors that I use on a daily basis but sold nearly all my LARGE collection for reasons that I will not share here. You can see pictures of the remaining gear up on my qrz.com page. I decided not not save that mess either to move or for my estate to get rid of when the time eventually comes for all of us.

That's about all I have for now. I'll send out a reminder as we get closer.

Hope to work you in the 1929 QSO Party! 73, Scott WA9WFA=

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https://www.avast.com/antivirus

14163. Re: [AWA Group] AWA 1929 Bruce Kelley QSO Party Notes Plus Some ..... de WA9WFA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-10 14:21:33 UTC
From: N1BUG
Topic: 14162 Message: 14163

Scott,

Thanks for all you have done with the BK event! I can certainly understand wanting to pass the baton to someone else.

I had a great time operating as W2ICE/1 last year! That is something I will never forget. I only wish I had been in better condition for it. My arm was giving me a lot of trouble and I wall struggling with the key. Some may consider it unfair, but I now am able to key the '29 rig with an iambic keyer. I am afraid I am getting to a point where operating for any length of time with a straight key is not realistic.

I am very intrigued that the BK weekends this year don't overlap one of my favorite "mainstream" contests, ARRL 160. Perhaps I will be able to operate both events this year without feeling guilty or compromising. That is, if I get some things sorted out here. Currently I have no antennas for 80 or 40 meters, but I do have a plan. Does anyone have any 48 hour days or 14 day weeks they could part with? A nice stretch of comfortable weather would help too. HI HI

73,

Paul "Bugsy" N1BUG

14164. RE: AWA 1929 Bruce Kelley QSO Party Notes Plus Some

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-10 16:32:43 UTC
From: Bill Stewart
Topic: 14164 Message: 14164

Tnx Lou for the re-post from the other AWA list....below is also a re-post of my comments from the other list...Bill

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Scott, I enjoyed reading a bit of history of your experiences working as the 'head honcho' to our BK and other interesting items....be careful what ya sell....I still have a few regrets from that same thing from years ago. You sure have done a great job and will be really missed. But of course, you will still be participating in the BK and here on the list I'm sure. And also a tip-of-the-fedora to Tim as well. Our BK has been in very capable hands for a good while and am sure that will continue. Bruce and John sure started a hoot of a radio event. And of course, thanks to Ed Gable and the AWA for the support and use of the W2ICE call to pass around the country.

It will be an honor to use the W2ICE/4 call for the 2016 event. I am really looking forward to that! I will soon be ordering No-Doze, extra coffee, a few cans of WD-40 to massage into the fist and having a wax-cleaning on the ears. As time draws near, I hope those working 160 will discuss some operating times into NC. I will do my best to accommodate most any time frames. I am hopeful for good condx. Remember, I will only be running about 2 watts out to a inverted L...so you guys may have to put your ears in the spkr to hear me on 160. Eighty and 40m, hopefully will be easier. Lou, keep the count-down going....73 de Bill K4JYS

14165. 160M AWA net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-12 15:26:49 UTC
From: Larry Szendrei
Topic: 13975 Message: 14165

Tonight at 8PM Eastern time we will resume the 160M AWA net on 1945 KHz LSB, after taking a break since the beginning of August.

Hope to see you there...

73,
-Larry/NE1S

14166. RE: [AWA Group] 160M AWA net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-12 15:31:36 UTC
From: Mike Feher
Topic: 13975 Message: 14166

See you there. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, September 12, 2016 11:27 AM
To: AWAGroup@yahoogroups.com; AWA Reflector; w1zb@...; Joe Fell; Larry Sheets; Bill Fizette; Gary Weddle; Al Feder; Carl Nord; yvesfederw1ux@gmail.com; w1tav@...; rander1@...; Bill Fleig; Jim Richardson
Subject: [AWA Group] 160M AWA net

Tonight at 8PM Eastern time we will resume the 160M AWA net on 1945 KHz LSB, after taking a break since the beginning of August.

Hope to see you there...

73,
-Larry/NE1S

14167. Re: [AWA Group] 160M AWA net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-12 15:38:47 UTC
From: josephfell
Topic: 13975 Message: 14167

I should be able to make it as well.

73,
Joe-GMS

Mike Feher wrote:
>
> See you there. 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 848-245-9115
>
> *From:* AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> *Sent:* Monday, September 12, 2016 11:27 AM
> *To:* AWAGroup@yahoogroups.com; AWA Reflector; w1zb@...; Joe
> Fell; Larry Sheets; Bill Fizette; Gary Weddle; Al Feder; Carl Nord;
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> Fleig; Jim Richardson
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> 73,
> -Larry/NE1S
>
>
>

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14168. Re: [AWA Group] 160M AWA net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-12 15:53:04 UTC
From: Larry Szendrei
Topic: 13975 Message: 14168

Great! Talk with you both tonight!

On 9/12/16 11:38 AM, josephfell josephfell@... [AWAGroup] wrote:
>
> I should be able to make it as well.
>
> 73,
> Joe-GMS
>
> Mike Feher wrote:
>
>> See you there. 73 – Mike
>>
>> Mike B. Feher, N4FS
>>
>> 89 Arnold Blvd.
>>
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>> Fell; Larry Sheets; Bill Fizette; Gary Weddle; Al Feder; Carl Nord;
>> yvesfederw1ux@...; w1tav@...; rander1@...; Bill
>> Fleig; Jim Richardson
>> *Subject:* [AWA Group] 160M AWA net
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>> Hope to see you there...
>>
>> 73,
>> -Larry/NE1S
>>

14169. Re: [AWA Group] 160M AWA net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-12 16:46:01 UTC
From: Preston Clark
Topic: 13975 Message: 14169

Is this AM OR CODE
--
Preston l. Clark

14170. RE: [AWA Group] 160M AWA net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-12 16:49:28 UTC
From: Mike Feher
Topic: 13975 Message: 14170

LSB – 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, September 12, 2016 12:46 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] 160M AWA net

Is this AM OR CODE

--

Preston l. Clark

14171. Re: [AWA Group] 160M AWA net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-12 17:02:52 UTC
From: Larry Szendrei
Topic: 13975 Message: 14171

Neither - it's LSB, as stated in the original post. But we'll gladly accept check-ins on AM.

73,
-Larry/NE1S

On 9/12/16 12:46 PM, Preston Clark kf5evv73@... [AWAGroup] wrote:
> Is this AM OR CODE
> --
> Preston l. Clark
>
> ---

14172. Receiver Filament Leads, etc.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-14 03:05:10 UTC
From: Eric NO3M
Topic: 14172 Message: 14172

What is the recommended / best practice for handling the filament lines in a receiver? (ie. least hum)

I've seen a number of routing methods including floating lines w/ and w/o a center tap resistor, w/ and w/o twisting the pairs. In another variation, one of the incoming filament leads is grounded, and either still routed to the tubes as part of a pair or the other end of each filament is connected to the chassis for a return.

My HRO-5 uses floating + center tap resistor, no twisting

HRO-7 appears to ground one incoming lead, only route the other lead to the tubes, and ground the other side of each filament to chassis

FB-7 looks like a pair of leads runs to each tube (twisted or untwisted?), but one of them is bonded to the chassis (B-)

The schematic for the particular receiver I'm building is similar to the FB-7 method. In this case, is it necessary to even run the grounded lead instead of just relying on the chassis for a return? Are they supposed to be twisted if this method is used?

Thanks for any insight. Just getting ready to start wiring the superhet, latest update w/ photos:

http://no3m.net/2016/09/1934-superhet-receiver-8/

Also, before I start getting into other wiring, was it common to lace wire bundles in the mid-30s or was the short, point-to-point rat's nest method still prevalent? How was it done in a FB-7?

73 Eric NO3M

14173. Re: [AWA Group] Receiver Filament Leads, etc.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-14 04:33:51 UTC
From: Leonard Meek
Topic: 14172 Message: 14173

Eric, Are you talking filaments as in heaters, or straight direct heating filaments? I'm no expert but I'll tell you what I found in my Mk.26. The filaments (heaters) are all powered by DC. I originally ran only the + lead to the heater terminals and grounded the other side to the chassis. It worked well enough, but it was picking up an annoying hum. I decided to isolate the DC heater supply and run two leads to each tube socket, with a pot across the circuit, going to ground through the wiper. Result; no hum at all now. Directly heating filaments usually like DC on them, and if you read the tube manual carefully, you'll sometimes find that a prefered polarity is usually recommended.

Leonard

----- Original Message -----
From: "Eric NO3M no3m@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: <AWAGroup@yahoogroups.com>
Sent: Tuesday, September 13, 2016 5:05 PM
Subject: [AWA Group] Receiver Filament Leads, etc.

> What is the recommended / best practice for handling the filament lines
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> 73 Eric NO3M
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> ------------------------------------
> Posted by: Eric NO3M <no3m@...>
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> Yahoo Groups Links
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14174. Re: [AWA Group] Receiver Filament Leads, etc.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-14 04:34:00 UTC
From: Leonard Meek
Topic: 14172 Message: 14174

Eric, Are you talking filaments as in heaters, or straight direct heating filaments? I'm no expert but I'll tell you what I found in my Mk.26. The filaments (heaters) are all powered by DC. I originally ran only the + lead to the heater terminals and grounded the other side to the chassis. It worked well enough, but it was picking up an annoying hum. I decided to isolate the DC heater supply and run two leads to each tube socket, with a pot across the circuit, going to ground through the wiper. Result; no hum at all now. Directly heating filaments usually like DC on them, and if you read the tube manual carefully, you'll sometimes find that a prefered polarity is usually recommended.

Leonard

----- Original Message -----
From: "Eric NO3M no3m@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: <AWAGroup@yahoogroups.com>
Sent: Tuesday, September 13, 2016 5:05 PM
Subject: [AWA Group] Receiver Filament Leads, etc.

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>
> 73 Eric NO3M
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> ------------------------------------
> Posted by: Eric NO3M <no3m@...>
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> Yahoo Groups Links
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14175. Re: [AWA Group] Receiver Filament Leads, etc.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-14 04:37:03 UTC
From: Leonard Meek
Topic: 14172 Message: 14175

Sorry for sending this twice. It got stuck in the outbox.

Leonard

----- Original Message -----
From: 'Leonard Meek' lemeek@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Tuesday, September 13, 2016 6:34 PM
Subject: Re: [AWA Group] Receiver Filament Leads, etc.

☐

Eric, Are you talking filaments as in heaters, or straight direct heating filaments?

14176. Re: [AWA Group] Receiver Filament Leads, etc.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-14 04:52:36 UTC
From: Eric NO3M
Topic: 14172 Message: 14176

Leonard

The tubes are indirectly heated (56, 57, 58, 2A5 or 76, 6C6, 6D6, 42). I'll be running them from an AC supply. What you describe is similar to how my HRO-5 is wired, w/ center tapped resistor across the filament circuit and both sides of filament supply to each tube (indirectly heated tubes, 6K7, 6J7 variety).

Are the filament leads twisted in your Mk.26?

Thanks
Eric

On 09/14/2016 12:34 AM, 'Leonard Meek' lemeek@... [AWAGroup] wrote:
>
> □
>
> *Eric, Are you talking filaments as in heaters, or straight direct
> heating filaments? I'm no expert but I'll tell you what I found in my
> Mk.26. The filaments (heaters) are all powered by DC. I originally ran
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> filaments usually like DC on them, and if you read the tube manual
> carefully, you'll sometimes find that a prefered polarity is usually
> recommended.*
> **
> *Leonard*
>

14177. 211 Hartley makes it over the pond.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-14 16:26:26 UTC
From: dulmagedon@...
Topic: 14177 Message: 14177

Last night as some of you know was part of the Classic Exchange CW event. My friend Andrew GW3OQK suggested I pick one of my old rigs and we see of he can hear it during the event. He assigned me a freq and gave me a time slot.. I said I would try the 211 Hartley. So I did. He said he heard me tune up (key down to warm up everything then touch up freq). At 2313 he heard me calling and even managed to record enough of it to clearly hear my Hartley and my ID plus K. Says he has it on MP3 format. I am surprised to be honest. I figured I was just sending onto a black hole. He is a retired Ships Sparks and a technician as well. His ability to find you is amazing. Also heard he picks a mean banjo. (Andrew lives in Wales)

Tis the longest 29 rig haul for me at just over 3200 miles ATCF. I am just a wee bit excited . Sori.

donVe3LYX

14178. Re: [AWA Group] Receiver Filament Leads, etc.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-14 17:28:52 UTC
From: Leonard Meek
Topic: 14172 Message: 14178

Eric, the filament leads in my Mk.26 are just randomly laid out. Since it's DC I didn't see the need for twisting them. Besides, it would have required a major rewiring. For AC leads I think it would be necessary to twist the leads. Also, another thing I did on some of my other sets, was to have a distribution point and run all filament leads from that point to each socket. The leads should be tightly twisted and of equal length. I doubt if this will solve all problems though, because there's so many ways hum can get into a circuit. But DC'ing the filaments doesn't hurt. My RAL-7 had a bad hum that I couldn't get rid of until I rectified the heater supply. Also, some tubes are more prone to hum pickup than others. Sometimes reversing the filament connections can help.

Leonard

----- Original Message -----
From: Eric NO3M no3m@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Tuesday, September 13, 2016 6:52 PM
Subject: Re: [AWA Group] Receiver Filament Leads, etc.

Leonard

The tubes are indirectly heated (56, 57, 58, 2A5 or 76, 6C6, 6D6, 42). I'll be running them from an AC supply. What you describe is similar to how my HRO-5 is wired, w/ center tapped resistor across the filament circuit and both sides of filament supply to each tube (indirectly heated tubes, 6K7, 6J7 variety).

Are the filament leads twisted in your Mk.26?

Thanks
Eric

On 09/14/2016 12:34 AM, 'Leonard Meek' lemeek@... [AWAGroup] wrote:

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Leonard

14179. Re: 211 Hartley makes it over the pond.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-14 20:29:11 UTC
From: dulmagedon@...
Topic: 14177 Message: 14179

http://www.v-d-r.net/images/VE3LYX%20130916.mp3
http://www.v-d-r.net/images/VE3LYX%20130916.mp3

Here is what Andrew heard. He put it up for all to hear. Best part is after my "KN." I think he was as surprised as I was when he sent me the recording. Some of you have worked this rig during the Linc Cundall event so it may sound familiar. This stuff is a lot of fun. Thanks Lou for fanning the flames.
donVe3LYX

14180. Re: 211 Hartley makes it over the pond.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-14 20:34:56 UTC
From: w9ac@...
Topic: 14177 Message: 14180

Don,

What band were you on?

Paul, W9AC

14181. Re: [AWA Group] Re: 211 Hartley makes it over the pond.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-14 20:56:06 UTC
From: Don Dulmage
Topic: 14177 Message: 14181

I was on 40M. Andrew GW3OQK who spent much of his working life as a Ship Radio Officer has proven to be someone I can work with. When he suggested it I thought it worth a try anyway but didn't expect too much. He told me to set up on 7045khz and to listen on 7039khz as for him 7045khz is sometimes digtial from Europe. So I did. Time of the recording is 2313 UTC. I believe I was perhaps a 1/2 kc off the 7045. He has it all. Andrew is a very good operator and if here were such I would award him the Honour of the Golden Earphones. He is tenacious when signal hunting and has good vintage equipment and knows how to run it. He is the reason it was a success. Like that addage "if a tree falls in the forest and no one is around does it make a sound?" With out an Andrew listening on he other end faithfully, exactly where he said he would be the answer would be "no." The 211 is running about 1/2 throttle voltage wise which I think is prudent for such a design. Power input is close to 20 watts so not huge. Antenna was a 137 ft single end fed long wire and I also ran a ground. (I don't always)
73 Don Ve3LYX

On Wed, 9/14/16, w9ac@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] Re: 211 Hartley makes it over the pond.
To: AWAGroup@yahoogroups.com
Received: Wednesday, September 14, 2016, 4:34 PM

Don,
What band
were you on?
Paul, W9AC

14182. Re: [AWA Group] Re: 211 Hartley makes it over the pond.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-14 21:21:42 UTC
From: Larry Szendrei
Topic: 14177 Message: 14182

Congrats, Don!

I remember during one of the 1929 BKs several years ago Lou conveyed via this list one of his British friends had reported to him that I had "made it across the pond." That was on 80M.

73,
-Larry/NE1S

On 9/14/16 4:29 PM, dulmagedon@... [AWAGroup] wrote:
>
> http://www.v-d-r.net/images/VE3LYX%20130916.mp3
>
> Here is what Andrew heard. He put it up for all to hear. Best part is
> after my "KN." I think he was as surprised as I was when he sent me
> the recording. Some of you have worked this rig during the Linc
> Cundall event so it may sound familiar. This stuff is a lot of fun.
> Thanks Lou for fanning the flames.
> donVe3LYX
>

14183. Re: [AWA Group] Receiver Filament Leads, etc.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-14 21:35:06 UTC
From: Larry Szendrei
Topic: 14172 Message: 14183

I like to run separate, twisted leads, with a pot across the heater supply with the wire grounded.

Separate leads (rather than grounding one side of each heater to chassis) keeps 60-cycle currents off the chassis, which can and do get into grid circuits, and amplified. Sometimes this requires each filament lead to be RF-bypassed to chassis ground in RF and oscillator stages.

Twisting the leads helps cancel both electrostatic and magnetic fields around them.

The pot helps find the optimum place for minimizing any residual hum.

If you really want the least possible hum, run well-filtered DC to the heaters, but often this is more trouble than it's worth. It's OK for a 1-3 tube set, but for something like what you're building it's not very practical due to the large amount of heater current, especially in the case of 2.5V tubes.

Running AC, I'd expect less problems with hum with the 2.5V series tubes than the 6.3V, based on reports from back in the day of the transition from 2.5V to 6.3V heaters.

73,
-Larry/NE1S

On 9/13/16 11:05 PM, Eric NO3M no3m@... [AWAGroup] wrote:
>
> What is the recommended / best practice for handling the filament lines
> in a receiver? (ie. least hum)
>
> I've seen a number of routing methods including floating lines w/ and
> w/o a center tap resistor, w/ and w/o twisting the pairs. In another
> variation, one of the incoming filament leads is grounded, and either
> still routed to the tubes as part of a pair or the other end of each
> filament is connected to the chassis for a return.
>
> My HRO-5 uses floating + center tap resistor, no twisting
>
> HRO-7 appears to ground one incoming lead, only route the other lead to
> the tubes, and ground the other side of each filament to chassis
>
> FB-7 looks like a pair of leads runs to each tube (twisted or
> untwisted?), but one of them is bonded to the chassis (B-)
>
> The schematic for the particular receiver I'm building is similar to the
> FB-7 method. In this case, is it necessary to even run the grounded

> lead instead of just relying on the chassis for a return? Are they
> supposed to be twisted if this method is used?
>
> Thanks for any insight. Just getting ready to start wiring the
> superhet, latest update w/ photos:
>
> http://no3m.net/2016/09/1934-superhet-receiver-8/
>
> Also, before I start getting into other wiring, was it common to lace
> wire bundles in the mid-30s or was the short, point-to-point rat's nest
> method still prevalent? How was it done in a FB-7?
>
> 73 Eric NO3M
>
>
> .
>
>

14184. Re: [AWA Group] Re: 211 Hartley makes it over the pond.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-15 02:07:49 UTC
From: dulmagedon@...
Topic: 14177 Message: 14184

Thank you Larry,
I think listening to the audio Andrew was as surprised as I am. 80M would be tougher I think.
I wonder if they have an equivalent group over there?
donVE3LYX

14185. Re: 211 Hartley makes it over the pond.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-15 08:29:23 UTC
From: tannebri1@...
Topic: 14177 Message: 14185

No equivalent group over here but there is no lacking in enthusiasm I'm at present researching for a suitable European pre 1930 transmitter. So maybe in the near future there will be a two way contact.

Brian G6HUI

14186. Re: [AWA Group] Re: 211 Hartley makes it over the pond.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-15 10:38:58 UTC
From: Larry Szendrei
Topic: 14177 Message: 14186

Brian, I hope you find one before Dec. so that you can get on for the BK. You've still got enough time to find the parts you would need and to build one, too.

73,
-Larry/NE1S

On 9/15/16 4:29 AM, tannebri1@... [AWAGroup] wrote:
> No equivalent group over here but there is no lacking in enthusiasm
> I'm at present researching for a suitable European pre 1930
> transmitter. So maybe in the near future there will be a two way contact.
>
> Brian G6HUI
>

14187. Re: [AWA Group] Re: 211 Hartley makes it over the pond.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-15 11:30:06 UTC
From: dulmagedon@...
Topic: 14177 Message: 14187

Great Idea. I hope you find a suitable one. Lou has an all British design that I think is quite good. I have a German one which is Hartley or dreipunkt based. Both Lou's and this one seem very stable although I haven't run mine much on air. (Why? I have no good reason) Whether it would reach the UK or Europe I don't know. I just tested it then shelved it. An intercontinental BK style event would be special. Maybe on the Marconi transmission anniversary night. It could be called "The Marconi" . I know,I get carried away :>). Sri.
Anyway I have become more and more interested in single tube pond hopping and have been seriously thinking about something like a 811 (or a 211) rockbound rig running full power on 20M. Sometimes when I am in the Vintage shack I listen around. There is an F5_ _ _ on CW that is often good copy here.
But with the pre 1930 rigs It would be special. I hope you come up with a suitable one.
donVe3LYX

14188. Test msg from Group de site

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-15 18:54:32 UTC
From: ldvermond@...
Topic: 14188 Message: 14188

[Body unavailable in the source archive]

14189. Re: [AWA Group] Re: 211 Hartley makes it over the pond.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-15 19:48:49 UTC
From: tannebri1@...
Topic: 14177 Message: 14189

I'm always listening for the warbles of old equipment on this side of the pond. I have some old equipment here a home made 6L6 power oscillator and a Q max B4/40 Lou helped me out with a xtal for the B4/40 (thanks) but they are both post war. See QRZ.COM for pictures. But I'm slowly collecting bits for a pre 30's TX and looking at building a RX as well. Yes a transatlantic trial would be good. Now were are those old manuals and drawings

73

Brian G6HUI

14190. Re: [AWA Group] Re: 211 Hartley makes it over the pond.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-16 02:56:36 UTC
From: Don Dulmage
Topic: 14177 Message: 14190

When and where do you usually listen for them. If you want to try one of your HB rigs anyway I will listen for you. They might not make the BK but certainly be OK for the LC. I spent the last hour fooling around with my 80M ARC 5 stuff on CW.
donVe3LYX

On Thu, 9/15/16, tannebri1@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Re: 211 Hartley makes it over the pond.
To: AWAGroup@yahoogroups.com
Received: Thursday, September 15, 2016, 3:48 PM

I'm always listening for the warbles of old
equipment on this side of the pond. I have some old
equipment here a home made 6L6 power oscillator and a Q max
B4/40 Lou helped me out with a xtal for the B4/40 (thanks)
but they are both post war. See QRZ.COM for pictures. But
I'm slowly collecting bits for a pre 30's TX and
looking at building a RX as well. Yes a transatlantic trial
would be good. Now were are those old manuals and
drawings
73
Brian G6HUI

14191. Re: 211 Hartley makes it over the pond.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-16 08:05:15 UTC
From: Brian Tanner
Topic: 14177 Message: 14191

HI All
Okay I normally cruise the 20M every night from about 19:00 onwards but I shall listen on 14.057 Mhz with the HRO and TX using the B4/40 as I have a Xtal for that frequency from 20:30 UTC for an hour or so on Friday and Saturday.
Brian G6HUI

14192. Re: 211 Hartley makes it over the pond.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-16 12:23:58 UTC
From: dulmagedon@...
Topic: 14177 Message: 14192

I don't have any style 20M gear. I have been seriously thinking though of a 20M rockbound rig. Crystals are getting harder to find but still possible. I have been thinking of a 211 20M rig. So far I have been using 40M for long hauls and 80m for fun. 14057! I am going to write that down and monitor it a bit. I don't know if the kenwood still remembers it has a CW function or not.
donVe3LYX

14193. Test

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-17 13:38:56 UTC
From: Louis Vermond
Topic: 7 Message: 14193

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14194. Terminal Strip Construction

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-17 14:32:23 UTC
From: Bill Stewart
Topic: 14194 Message: 14194

GM all,
I am aware of various materials (Garolite, etc) for making terminal strips and other parts but just wondering about using some composite flooring I had left over. It is very hard, dense and stable. I have used it for a couple of panels and a base or two with no problems. Painted with wrinkle paint, it looks pretty much like a metal rack panel or Bakelite, if just black. I am thinking about using it for mounting some fah. clips or screw terminals for a BK type rig. I would paint with black spray paint to 'look like' Bakelite. Seems I heard years ago that carbon was used to give it the black color. Is this still being done. Would spraying this 'flooring' material with the black spray paint cause any problems at, say, 500vdc or less and at RF voltages in the neighborhood of 20 watts or so. I could do some experimenting, but just curious if anyone had tried something like this and what were the results. Thanks, 73 de Bill K4JYS

14195. AERO Coil Construction

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-17 20:50:37 UTC
From: Bill Stewart
Topic: 14195 Message: 14195

Can anyone send me a few close-up pix and dimensions of the AERO style plug-in coils....skeleton type coil form. Primarily in the 3 turn and 8 turn, 14ga. wire type but probably most any will do so I can take a good look at the skeleton construction used on the forms.
Thanks.....73 de Bill K4JYS

PS: For a not-to-clear view see Mar 1927 QST, pg. 35/36 or ads in QSTs of that time frame.

14196. Re: AERO Coil Construction

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-17 21:53:00 UTC
From: w0vlz@...
Topic: 14195 Message: 14196

Bill,

Here are some photos of a receiver of mine using similar Air King coils: 1928 Regen Detector + One Step Audio https://www.prismnet.com/~nielw/onestep/onestep.htm Additional coil closeups are at 1928 One Step Regen Picures https://www.prismnet.com/~nielw/onestep/onestep_pics_bg.htm 73, Niel - W0VLZ

1928 One Step Regen Picures https://www.prismnet.com/~nielw/onestep/onestep_pics_bg.htm 1928 One Step Regen Picures 1928 One Step Regen Picures Back1 109,657 Bytes Back2 130,302 Bytes Bottom 390,000 Bytes Coil1 112,275 Bytes Coil2 138,647 Bytes Front 114,724 Bytes

View on www.prismnet.com https://www.prismnet.com/~nielw/onestep/onestep_pics_bg.htm Preview by Yahoo

1928 Regen Detector + One Step Audio https://www.prismnet.com/~nielw/onestep/onestep.htm 1928 Regen Detector + One Step Audio 1928 Regen Detector + One Step Audio Introduction Many shacks of the 20s and 30s listed the receiver as a regen with one step of audio.

View on www.prismnet.com https://www.prismnet.com/~nielw/onestep/onestep.htm Preview by Yahoo

14197. Re: [AWA Group] Re: AERO Coil Construction

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-17 22:27:04 UTC
From: Bill Stewart
Topic: 14195 Message: 14197

Tnx Niel,
I just stumbled on a AERO set on eBay....NIB....good pix. And from what I see, they are a bit to complex to replicate with my cutting tools...band saw, table saw and drill press.....and same goes for your nice Air Kings. The coils I would need, if I take on this project, would be of #14 wire. I will think about some other, more simpler, coil construction. Oh, a very nice job on the rcvr....it is a beaut.
Tnx...73, Bill K4JYS

----- Original Message -----

From: "w0vlz@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Saturday, September 17, 2016 5:53:00 PM
Subject: [AWA Group] Re: AERO Coil Construction

Bill,

Here are some photos of a receiver of mine using similar Air King coils: 1928 Regen Detector + One Step Audio Additional coil closeups are at 1928 One Step Regen Picures 73, Niel - W0VLZ

1928 One Step Regen Picures
1928 One Step Regen Picures 1928 One Step Regen Picures Back1 109,657 Bytes Back2 130,302 Bytes Bottom 390,000 Bytes Coil1 112,275 Bytes Coil2 138,647 Bytes Front 114,724 Bytes

View on www.prismnet.com
Preview by Yahoo

1928 Regen Detector + One Step Audio
1928 Regen Detector + One Step Audio 1928 Regen Detector + One Step Audio Introduction Many shacks of the 20s and 30s listed the receiver as a regen with one step of audio.

View on www.prismnet.com
Preview by Yahoo

14198. Re: [AWA Group] Re: AERO Coil Construction

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-17 23:46:04 UTC
From: w0vlz@...
Topic: 14195 Message: 14198
Attachments: 2 described; binary payloads are missing from this source WARC

Bill,

Here's another way to get the ribs. See attached photos. The flat center piece is tee shaped to go into the tube base and is slotted to hold the semicircular parts. These are cut from a piece of plastic pipe and all are grooved for your wire and spacing.

73,
Niel

14199. Re: [AWA Group] Re: AERO Coil Construction [2 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-18 11:06:51 UTC
From: Bill Stewart
Topic: 14195 Message: 14199

Tnx Niel for the pix and idea....Bill

----- Original Message -----

From: "w0vlz@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Saturday, September 17, 2016 7:46:04 PM
Subject: Re: [AWA Group] Re: AERO Coil Construction [2 Attachments]

Bill,

Here's another way to get the ribs. See attached photos. The flat center piece is tee shaped to go into the tube base and is slotted to hold the semicircular parts. These are cut from a piece of plastic pipe and all are grooved for your wire and spacing.

73,
Niel

14200. VE3AWA -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-18 13:32:41 UTC
From: Mike Feher
Topic: 14200 Message: 14200

Lou -

just approved you. Hope it works. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

14201. Re: [AWA Group] VE3AWA -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-18 13:49:44 UTC
From: Louis Vermond
Topic: 14200 Message: 14201

GM Mike,

This is the first E I have RX from the Group since Aug. 23 so looks hopeful.

73, Lou

Lou -

just approved you. Hope it works. 73 - Mike

.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14203. Fwd: [AWA] Correct URL for AWA survey

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-22 12:30:50 UTC
From: Larry Szendrei
Topic: 14203 Message: 14203

FYI.

-Larry/NE1S

-------- Forwarded Message --------
Subject: [AWA] Correct URL for AWA survey
Date: Wed, 21 Sep 2016 16:59:13 -0400
From: 'Ron' ron@... [antiquewirelessassociation]
<antiquewirelessassociation@yahoogroups.com>
Reply-To: antiquewirelessassociation@yahoogroups.com
To: antiquewirelessassociation@yahoogroups.com

Hello all;

In Tom Peterson?s recent letter to the membership, there is an URL for
an AWA survey. While this URL is technically correct, there is a great
tendency to interpret the last two digits of this URL as the number 21,
when in fact the last two digits are ?2L? !

If any of you have had no success in accessing the URL, try this:

https://surveymonkey.com/R/3SZVY2L

The web doesn?t care if these letters are capitals or lower case!

Ron Roscoe

14204. Linc Cundall 2017 de K1TG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-22 14:07:20 UTC
From: Roger Kuchera
Topic: 14204 Message: 14204

Gentlemen, Sometime ago Tim/W1GIG asked if I would volunteer to moderate the 2017 Linc Cundall event. I haveaccepted the task with some trepidation. I have never, in my 44 years as a ham, done anything like this. Ihope that I'm not biting off more than I can chew.

The present format and scoring seems to work, so there should be no reason to change them.

I hope our league of extraordinary gentlemen will bear with me as I try to learn the ropes.

Roger/K1TG

14205. Re: [AWA Group] Linc Cundall 2017 de K1TG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-22 14:41:52 UTC
From: Louis Vermond
Topic: 14204 Message: 14205

Tks for taking it on, Roger. 73, Lou

Gentlemen,
Sometime ago Tim/W1GIG asked if I would volunteer to moderate the 2017 Linc Cundall event. I have
accepted the task with some trepidation. I have never, in my 44 years as a ham, done anything like this. I
hope that I'm not biting off more than I can chew.

The present format and scoring seems to work, so there should be no reason to change them.

I hope our league of extraordinary gentlemen will bear with me as I try to learn the ropes.

Roger/K1TG

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14206. Re: [AWA Group] Linc Cundall 2017 de K1TG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-22 15:23:40 UTC
From: K3PID
Topic: 14204 Message: 14206

THANK YOU Roger! It has been my experience that this “League of Extraordinary Gentlemen” as you so aptly put it are just that and as long as you don’t start an argument about whether or not to tune the grid, you’ll be in good standing here!

73
Ron K3PID

From: mailto:AWAGroup@yahoogroups.com
Sent: Thursday, September 22, 2016 9:07 AM
To: yahoogroups
Subject: [AWA Group] Linc Cundall 2017 de K1TG

Gentlemen,
Sometime ago Tim/W1GIG asked if I would volunteer to moderate the 2017 Linc Cundall event. I have
accepted the task with some trepidation. I have never, in my 44 years as a ham, done anything like this. I
hope that I'm not biting off more than I can chew.

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Roger/K1TG

14207. Re: [AWA Group] Linc Cundall 2017 de K1TG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-22 18:18:24 UTC
From: Bill Stewart
Topic: 14204 Message: 14207

Tnx Roger for taking the helm....73 de Bill K4JYS

----- Original Message -----

From: "Roger Kuchera rwkuchera@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "yahoogroups" <awagroup@yahoogroups.com>
Sent: Thursday, September 22, 2016 10:07:20 AM
Subject: [AWA Group] Linc Cundall 2017 de K1TG

Gentlemen,
Sometime ago Tim/W1GIG asked if I would volunteer to moderate the 2017 Linc Cundall event. I have
accepted the task with some trepidation. I have never, in my 44 years as a ham, done anything like this. I
hope that I'm not biting off more than I can chew.

The present format and scoring seems to work, so there should be no reason to change them.

I hope our league of extraordinary gentlemen will bear with me as I try to learn the ropes.

Roger/K1TG

14208. Re: [AWA Group] Linc Cundall 2017 de K1TG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-22 19:19:39 UTC
From: Larry Szendrei
Topic: 14204 Message: 14208

Thanks for stepping up, Roger! We'll be easy on you ;-)

On 9/22/16 2:18 PM, Bill Stewart cwopr@... [AWAGroup] wrote:
> Tnx Roger for taking the helm....73 de Bill K4JYS
>
> ---
> *From: *"Roger Kuchera rwkuchera@... [AWAGroup]"
> <AWAGroup@yahoogroups.com>
> *To: *"yahoogroups" <awagroup@yahoogroups.com>
> *Sent: *Thursday, September 22, 2016 10:07:20 AM
> *Subject: *[AWA Group] Linc Cundall 2017 de K1TG
>
> Gentlemen,
> Sometime ago Tim/W1GIG asked if I would volunteer to moderate the 2017
> Linc Cundall event. I have
> accepted the task with some trepidation. I have never, in my 44 years
> as a ham, done anything like this. I
> hope that I'm not biting off more than I can chew.
>
> The present format and scoring seems to work, so there should be
> no reason to change them.
>
> I hope our league of extraordinary gentlemen will bear with me as
> I try to learn the ropes.
>
> Roger/K1TG
>
>

14209. Interesting Variable Cap -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-23 02:32:18 UTC
From: Mike Feher
Topic: 14209 Message: 14209

I have never seen one of these before, or even knew of its existence in my over 50 years of collecting old radio stuff.. The rotary part kind of serpentines into the stationary part as the knob is rotated. There is probably a better word for it and my choice may be totally wrong, regardless, it is an interesting cap. Check it out. Regards - Mike

http://www.ebay.com/itm/401188431477?_trksid=p2057872.m2749.l2649 <http://www.ebay.com/itm/401188431477?_trksid=p2057872.m2749.l2649&ssPageName=STRK%3AMEBIDX%3AIT> &ssPageName=STRK%3AMEBIDX%3AIT

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

14210. Re: [AWA Group] Interesting Variable Cap -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-23 02:50:19 UTC
From: Louis Vermond
Topic: 14209 Message: 14210

There was one sold about two years ago. Did you win it, Mike? Lou

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-09-22 10:32 PM
Subject: [AWA Group] Interesting Variable Cap -

I have never seen one of these before, or even knew of its existence in my over 50 years of collecting old radio stuff.. The rotary part kind of serpentines into the stationary part as the knob is rotated. There is probably a better word for it and my choice may be totally wrong, regardless, it is an interesting cap. Check it out. Regards - Mike

http://www.ebay.com/itm/401188431477?_trksid=p2057872.m2749.l2649&ssPageName=STRK%3AMEBIDX%3AIT

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14211. RE: [AWA Group] Interesting Variable Cap -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-23 02:57:27 UTC
From: Mike Feher
Topic: 14209 Message: 14211

Yes, I have this one here. Arrived today and it is real neat. Like I said, I have never seen one before. Of course there is a lot I have not seen before. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, September 22, 2016 10:50 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Interesting Variable Cap -

There was one sold about two years ago. Did you win it, Mike? Lou

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup]
<mailto:n4fs@...%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: 2016-09-22 10:32 PM

Subject: [AWA Group] Interesting Variable Cap -

I have never seen one of these before, or even knew of its existence in my over 50 years of collecting old radio stuff.. The rotary part kind of serpentines into the stationary part as the knob is rotated. There is probably a better word for it and my choice may be totally wrong, regardless, it is an interesting cap. Check it out. Regards - Mike

http://www.ebay.com/itm/401188431477?_trksid=p2057872.m2749.l2649
<http://www.ebay.com/itm/401188431477?_trksid=p2057872.m2749.l2649&ssPageNam
e=STRK%3AMEBIDX%3AIT> &ssPageName=STRK%3AMEBIDX%3AIT

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

Virus-free.
<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> www.avast.com

14212. Re: [AWA Group] Interesting Variable Cap -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-23 03:28:48 UTC
From: Louis Vermond
Topic: 14209 Message: 14212

Congrats, Mike. GN, Lou

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-09-22 10:57 PM
Subject: RE: [AWA Group] Interesting Variable Cap -

Yes, I have this one here. Arrived today and it is real neat. Like I said, I have never seen one before. Of course there is a lot I have not seen before. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, September 22, 2016 10:50 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Interesting Variable Cap -

There was one sold about two years ago. Did you win it, Mike? Lou

----- Original Message -----

From: 'Mike Feher' n4fs@... [AWAGroup]

To: AWAGroup@yahoogroups.com

Sent: 2016-09-22 10:32 PM

Subject: [AWA Group] Interesting Variable Cap -

I have never seen one of these before, or even knew of its existence in my over 50 years of collecting old radio stuff.. The rotary part kind of serpentines into the stationary part as the knob is rotated. There is probably a better word for it and my choice may be totally wrong, regardless, it is an interesting cap. Check it out. Regards - Mike

http://www.ebay.com/itm/401188431477?_trksid=p2057872.m2749.l2649&ssPageName=STRK%3AMEBIDX%3AIT

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

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https://www.avast.com/antivirus

14213. 1916 Aero radio station

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-26 15:11:34 UTC
From: dulmagedon@...
Topic: 14213 Message: 14213
Attachments: 1 described; binary payloads are missing from this source WARC

I came across this. It is reportedly a very early WW1 military areoport radio communication centre when radio first made it in to military aircraft which were simply observer planes. They said this was a major improvement to have live reporting rather then wait for the plane to return for info. I know no more then that. Not a great photo. Still very early use of radio in aircraft although this is clearly the ground station. The date given for this event was 1916.
donVe3LYX

14214. BFO Alternative Thanks

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-09-28 16:28:57 UTC
From: dulmagedon@...
Topic: 14214 Message: 14214

Thanks James H for teaching me about the alternative method of adding a BFO. I have been experimenting with it quite a bit and have a usable one installed on the old GE parlour radio and today just finished up reviving a Sparton 5542 (1939-42 approx) I am now able to add it from the top easily and have it work well. If you hadn't mentioned it I would never have known. Thanks and "May you live an extra day."
donVe3LYX

14215. MRHS Update-KPH Back Home

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-03 11:19:22 UTC
From: Bill Stewart
Topic: 14215 Message: 14215

GM All,
Great news for followers of the Maritime Radio Historical Society Coastal Station KPH /KSM:

MRHS Newsletter No. 57
EXTRA! FLASH!
Special Edition - KPH Comes Home!
Date, Time and Details for Resumption of KPH Service!

Please see this link for all the info - freqs - times. etc for the special on-air event to welcome KPH back to its original frequencies:

http://campaign.r20.constantcontact.com/render?m=1109843077277&ca=c70b9439-141a-41ad-84fb-8d1840a8e2e6

Fire up those BA receivers and modern ones as well and join in the return of KPH to it's original frequencies.

73 de Bill K4JYS

14216. 1934 Superhet Receiver Completed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-05 00:06:47 UTC
From: Eric NO3M
Topic: 14216 Message: 14216

Final website post on the 1934 Superhet project, includes a video of
W1AW on 160M:

http://no3m.net/2016/10/1934-superhet-receiver-10-final/

What an experience. Overall, I'm quite pleased with it's performance.

73 Eric NO3M

14217. Re: [AWA Group] 1934 Superhet Receiver Completed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-05 00:47:26 UTC
From: Louis Vermond
Topic: 14216 Message: 14217

Stunning...

Form start to finish, how long did it take to complete?

----- Original Message -----
From: Eric NO3M no3m@... [AWAGroup]
To: AWAGroup
Sent: 2016-10-04 8:06 PM
Subject: [AWA Group] 1934 Superhet Receiver Completed

Final website post on the 1934 Superhet project, includes a video of
W1AW on 160M:

http://no3m.net/2016/10/1934-superhet-receiver-10-final/

What an experience. Overall, I'm quite pleased with it's performance.

73 Eric NO3M

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https://www.avast.com/antivirus

14218. Re: [AWA Group] 1934 Superhet Receiver Completed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-05 00:58:03 UTC
From: Whitebear1122
Topic: 14216 Message: 14218

Beautiful job! Fabulous craftsmanship, and it sounds great on CW. Where did you find the tube shields? I’ve been looking for year for ones like that.

73 ,Scott WA9WFA

14219. Re: [AWA Group] 1934 Superhet Receiver Completed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-05 01:19:16 UTC
From: Eric NO3M
Topic: 14216 Message: 14219

The date of the blog posts is a little off from the actual content they detail. I started around Aug 24 and finished Sept. 18. About three weeks. Pulled in too many directions to make a website update until now.

On 10/04/2016 08:47 PM, 'Louis Vermond' ve3awa@... [AWAGroup]
wrote:
>
> □
>
> Stunning...
> Form start to finish, how long did it take to complete?
>

14220. Re: [AWA Group] 1934 Superhet Receiver Completed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-05 01:22:54 UTC
From: Eric NO3M
Topic: 14216 Message: 14220

Scott

I picked those up on Ebay almost two years ago. Only needed a couple for an HRO project, the rest sat in a box until now. I was glad to have them on hand! GL with your search; Ebay prob your best bet unless someone on the list has a stash or you can find a junker HRO that has that style (Senior? and maybe early 2.5V HRO-5).

On 10/04/2016 08:58 PM, Whitebear1122 whitebear1122@...
[AWAGroup] wrote:
>
> Beautiful job! Fabulous craftsmanship, and it sounds great on CW.
> Where did you find the tube shields? I've been looking for year for
> ones like that.
>
> 73 ,Scott WA9WFA
>
>

14221. Re: [AWA Group] 1934 Superhet Receiver Completed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-05 02:04:07 UTC
From: Roger Kuchera
Topic: 14216 Message: 14221

GE Scott, That is an outstanding piece of craftsmanship. My kudos!Roger/K1TG

On Tuesday, October 4, 2016 9:23 PM, "Eric NO3M no3m@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv9058428172 #yiv9058428172 .yiv9058428172ygrp-photo-title{clear:both;font-size:smaller;min-height:15px;overflow:hidden;text-align:center;width:75px;}#yiv9058428172 div.yiv9058428172ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;min-height:62px;width:62px;}#yiv9058428172 div.yiv9058428172photo-title a, #yiv9058428172 div.yiv9058428172photo-title a:active, #yiv9058428172 div.yiv9058428172photo-title a:hover, #yiv9058428172 div.yiv9058428172photo-title a:visited {text-decoration:none;}#yiv9058428172 div.yiv9058428172attach-table div.yiv9058428172attach-row {clear:both;}#yiv9058428172 div.yiv9058428172attach-table div.yiv9058428172attach-row div {float:left;}#yiv9058428172 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv9058428172 div.yiv9058428172ygrp-file {width:30px;}#yiv9058428172 div.yiv9058428172attach-table div.yiv9058428172attach-row div div a {text-decoration:none;}#yiv9058428172 div.yiv9058428172attach-table div.yiv9058428172attach-row div div span {font-weight:normal;}#yiv9058428172 div.yiv9058428172ygrp-file-title {font-weight:bold;}#yiv9058428172 -->

Scott

I picked those up on Ebay almost two years ago. Only needed a couple for an HRO project, the rest sat in a box until now. I was glad to have them on hand! GL with your search; Ebay prob your best bet unless someone on the list has a stash or you can find a junker HRO that has that style (Senior? and maybe early 2.5V HRO-5).

On 10/04/2016 08:58 PM, Whitebear1122 whitebear1122@... [AWAGroup] wrote:

  Beautiful job! Fabulous craftsmanship, and it sounds great on CW. Where did you find the tube shields? I've been looking for year for ones like that.

73 ,Scott WA9WFA

14222. Re: [AWA Group] 1934 Superhet Receiver Completed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-05 03:05:01 UTC
From: Whitebear1122
Topic: 14216 Message: 14222

Just to clarify, Eric NO3M is the craftsman of that beautiful radio :) 73, Scott WA9WFA
> GE Scott,
> That is an outstanding piece of craftsmanship. My kudos!
> Roger/K1TG
>
>

14223. Re: [AWA Group] 1934 Superhet Receiver Completed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-05 12:38:49 UTC
From: dulmagedon@...
Topic: 14216 Message: 14223

Wow! Very impressive. I really like it!
donVe3LYX

14224. CMS Replica finished

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-05 16:40:02 UTC
From: thomas.hoeppe@...
Topic: 14224 Message: 14224
Attachments: 5 described; binary payloads are missing from this source WARC

Hello friends,

when I showed up here in this group some weeks ago, I showed some of my spysets. Mike, N4FS, said: Your "Sweetheart" is a bit like the "CMS". I had never heard of that set before. After getting the first infos, I licked blood. I could not make a 100% replica, as the interstage transformers for the receiver were not available. I used the sweetheart schematic, and the 3-way switch is bandspreading for 60/40/30m. The worm gear has 1:100 ratio, so the tuning behaviour is really nice and soft. 60m is said to come soon in Germany. The tone of the TX on 60 and 40m is fine, using FT-243 or 19mm Czech crystals. On 30m I only own small modern crystals....here the note is pretty "vintage".
We can regard this project as a direct result of joining the group. So thanks to Don for inviting me and to Mike for attracting my attention.And special thanks to Al Klase, N3FRQ from http://www.skywaves.ar88.net/ http://www.skywaves.ar88.net/ who supplied excellent pictures and made this replica possible.

Tom, DJ5RE

14225. RE: [AWA Group] CMS Replica finished [5 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-05 17:15:13 UTC
From: Mike Feher
Topic: 14224 Message: 14225

An amazing replica Tom. Gives me motivation to get one of mine on the air. Let me know if you need the papers that go in the lid. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, October 05, 2016 12:40 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] CMS Replica finished [5 Attachments]

Hello friends,

when I showed up here in this group some weeks ago, I showed some of my spysets. Mike, N4FS, said: Your "Sweetheart" is a bit like the "CMS". I had never heard of that set before. After getting the first infos, I licked blood. I could not make a 100% replica, as the interstage transformers for the receiver were not available. I used the sweetheart schematic, and the 3-way switch is bandspreading for 60/40/30m. The worm gear has 1:100 ratio, so the tuning behaviour is really nice and soft. 60m is said to come soon in Germany. The tone of the TX on 60 and 40m is fine, using FT-243 or 19mm Czech crystals. On 30m I only own small modern crystals....here the note is pretty "vintage".
We can regard this project as a direct result of joining the group. So thanks to Don for inviting me and to Mike for attracting my attention.And special thanks to Al Klase, N3FRQ from http://www.skywaves.ar88.net/ who supplied excellent pictures and made this replica possible.

Tom, DJ5RE

14226. Re: [AWA Group] 1934 Superhet Receiver Completed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-05 17:22:38 UTC
From: Roger Kuchera
Topic: 14216 Message: 14226

I stand corrected! But comments still apply.Roger/K1TG

On Wednesday, October 5, 2016 8:38 AM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv6021451748 #yiv6021451748 .yiv6021451748ygrp-photo-title{clear:both;font-size:smaller;min-height:15px;overflow:hidden;text-align:center;width:75px;}#yiv6021451748 div.yiv6021451748ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;min-height:62px;width:62px;}#yiv6021451748 div.yiv6021451748photo-title a, #yiv6021451748 div.yiv6021451748photo-title a:active, #yiv6021451748 div.yiv6021451748photo-title a:hover, #yiv6021451748 div.yiv6021451748photo-title a:visited {text-decoration:none;}#yiv6021451748 div.yiv6021451748attach-table div.yiv6021451748attach-row {clear:both;}#yiv6021451748 div.yiv6021451748attach-table div.yiv6021451748attach-row div {float:left;}#yiv6021451748 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv6021451748 div.yiv6021451748ygrp-file {width:30px;}#yiv6021451748 div.yiv6021451748attach-table div.yiv6021451748attach-row div div a {text-decoration:none;}#yiv6021451748 div.yiv6021451748attach-table div.yiv6021451748attach-row div div span {font-weight:normal;}#yiv6021451748 div.yiv6021451748ygrp-file-title {font-weight:bold;}#yiv6021451748 --> <!--#yiv6021451748 #yiv6021451748ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv6021451748 #yiv6021451748ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv6021451748 #yiv6021451748ygrp-mkp #yiv6021451748hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv6021451748 #yiv6021451748ygrp-mkp #yiv6021451748ads {margin-bottom:10px;}#yiv6021451748 #yiv6021451748ygrp-mkp .yiv6021451748ad {padding:0 0;}#yiv6021451748 #yiv6021451748ygrp-mkp .yiv6021451748ad p {margin:0;}#yiv6021451748 #yiv6021451748ygrp-mkp .yiv6021451748ad a {color:#0000ff;text-decoration:none;}-->

Wow! Very impressive. I really like it!
donVe3LYX

14227. RE: [AWA Group] CMS Replica finished [5 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-05 18:17:53 UTC
From: Thomas Höppe
Topic: 14224 Message: 14227

Thanks Mike, I have got pictures. The papers are already in the lid now, including schematics.

Tom

14228. Longfellow

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-05 20:24:47 UTC
From: dulmagedon@...
Topic: 14228 Message: 14228
Attachments: 1 described; binary payloads are missing from this source WARC

Great buildTom. We should try a pond hop! My soldering iron has been smoldering too. This is for 40M and doubles on 20M (I hope). About 75% from smoke test.
donVe3LYX

14229. Re: Longfellow

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-07 20:45:31 UTC
From: dulmagedon@...
Topic: 14228 Message: 14229

I am waiting for a small parts order but all that is left is to couple the cyrstal osc to the quad 4 output and those are the parts that ordered a week ago. So I did the smoke test as is. Ok. Five 25L6s in AC/ DC mode (aka transformerless PSU) . First is crystal osc running on 40M driving the four other tubes that are running as a quad four PA which is also set up to be able to double for output on 20M if desired. It is experimental but I am hopeful as similar designs (original longfellow) have been done in the past. We shall see soon I hope. It is our Thanksgiving weekend so there will be no mail or parts till next tuesday. Oscillator is always on. PA screens are keyed and backwave protected. Power in is moderate and typical as the tubes would normally run on. Plate current is monitored by my favourite device, a pilot lamp. I will have to entertain myself with the other rigs this weekend. I had hoped to have this one running. I will have to kill the osc on rec I think so a stndby switch will be in order.
donVe3LYX

14230. Re: Longfellow

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-08 16:09:56 UTC
From: dulmagedon@...
Topic: 14228 Message: 14230

Done! I wasn't going to use any used parts on this build but I didn't get my order after over a week and it is coming from just 100mi away so this morning I dug through my junk box and found the three parts I needed, trimming their leads to remove evidence of previous use and soldered them in. They were not exact but in the ball park parts. I plugged a set of 40m crystals into the socket. (it holds two) A 7140 and a 7145. I turned on the power and waited for warm up i could hear the osc in the monitor rx and after keying and tuning the PA cap got a decent signal on 40M. The screen keying seems very smooth. I hear no chirp whatsoever. Since it is running on around 130 volts B+ power is not huge but this is a "for fun" build fed by having the idea of using five 25L6s in a TX. The crystal selector switch has three positions. Down , up and middle. In middle there s no connection so the osc stops. It works fine for a stanby switch. I hadn't thought of that before. The crystals are a bit high but for what I made it for (coil wise)but the 7140 which shows 7138.6 on the monitor RX (DX394RS) Seems especially happy when tuned up. I will probably play with it this afternoon just for something to do. I will do the final rubbing on it when my order comes and i can optimize the parts I was waiting for but for now it works and doesn't seem to be hurting itself. So I now have my own Longfellow. I haven't had it on the air on 20M although on the dummy load it appears to work.
Kind of a fun build. Wood is maple BTW.
donVe3LYX

14231. Re: [AWA Group] Re: Longfellow

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-08 19:26:00 UTC
From: Louis Vermond
Topic: 14228 Message: 14231

Ur construction of this is vry FB, Don. 73, Lou

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-10-08 12:09 PM
Subject: [AWA Group] Re: Longfellow

Done! I wasn't going to use any used parts on this build but I didn't get my order after over a week and it is coming from just 100mi away so this morning I dug through my junk box and found the three parts I needed, trimming their leads to remove evidence of previous use and soldered them in. They were not exact but in the ball park parts. I plugged a set of 40m crystals into the socket. (it holds two) A 7140 and a 7145. I turned on the power and waited for warm up i could hear the osc in the monitor rx and after keying and tuning the PA cap got a decent signal on 40M. The screen keying seems very smooth. I hear no chirp whatsoever. Since it is running on around 130 volts B+ power is not huge but this is a "for fun" build fed by having the idea of using five 25L6s in a TX. The crystal selector switch has three positions. Down , up and middle. In middle there s no connection so the osc stops. It works fine for a stanby switch. I hadn't thought of that before. The crystals are a bit high but for what I made it for (coil wise)but the 7140 which shows 7138.6 on the monitor RX (DX394RS) Seems especially happy when tuned up. I will probably play with it this afternoon just for something to do. I will do the final rubbing on it when my order comes and i can optimize the parts I was waiting for but for now it works and doesn't seem to be hurting itself. So I now have my own Longfellow. I haven't had it on the air on 20M although on the dummy load it appears to work.
Kind of a fun build. Wood is maple BTW.
donVe3LYX

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https://www.avast.com/antivirus

14232. Ebay Alert 4 hours left - Gross Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-08 20:21:53 UTC
From: Mike Feher
Topic: 14232 Message: 14232

http://www.ebay.com/itm/272398106749?_trksid=p2055119.m1438.l2649
<http://www.ebay.com/itm/272398106749?_trksid=p2055119.m1438.l2649&ssPageNam
e=STRK%3AMEBIDX%3AIT> &ssPageName=STRK%3AMEBIDX%3AIT

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

14233. Re: [AWA Group] Re: Longfellow

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-08 22:54:41 UTC
From: dulmagedon@...
Topic: 14228 Message: 14233

Thank You Lou. Pretty is not my strong suit but I am trying to improve.
don

14234. Longfellow

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-08 23:34:05 UTC
From: Louis Vermond
Topic: 14228 Message: 14234
Attachments: 1 described; binary payloads are missing from this source WARC

Pretty is not my strong suit but I am trying to improve.
And you have...

Happy Thanksgiving VEs

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https://www.avast.com/antivirus

14235. Link Coil(s)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-10 16:44:58 UTC
From: dfaklis@...
Topic: 14235 Message: 14235

I'm getting ready for BK with a two-tube (#27) Hartley. I tore it apart after getting it working in April and want to make it ready for 160/80/40 with separate plate coils of identical OD. It will be link coupled to the antenna using an LC network. There must be some rhyme/reason to choosing the link. Can someone please point to some information on link coupling design? What information must be known in order to design the link?

To date, I've just been using "several" turns of wire and....it "works" via the principle of magic! Having one link coil would make life easiest but three is no problem if squeezing an extra db is possible :)

Thank you.

73, Dean, NW2K

14236. Re: Link Coil(s)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-10 20:53:31 UTC
From: dulmagedon@...
Topic: 14235 Message: 14236

40M 2 turn link, 80M 3 turn link. 160M I don't know but would try 4 or 5 turns. More is not better. Output is noticeably different. You could fudge 40 and 80 with a 2 1/2 turn perhaps but to work on 160 would be too much of a stretch perhaps. And your antenna makes a difference too. Old books (ARRL Handbook for instance) tell you to start with x and experiment. I use light bulbs to find the best combo and sweet spot. Unlike meters they never lie. Might not be as others would do but that is how it is determined here. Tis hard at first to realize so few turns works better.
donVe3LYX

14237. Re: [AWA Group] Link Coil(s)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-10 21:03:42 UTC
From: Steve
Topic: 14235 Message: 14237

Dean - if it's of any help to you, my B&W 160m coil with built-in (supposedly 50 ohm) end link has 3 turns on it. When used on my Longfeller I could only get 5 watts out of the 6V6 on 160m and 7W out with a 6L6. I doubled the link to 6 turns and the outputs went to 11 and 14 watts respectively so it's clear that 3 turns is not optimum. I did not try any more than 6 turns as I couldn't realistically expect much more power than what I was seeing at that point.

http://members.shaw.ca/ve7sl/longfeller.html

Steve 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

14238. Re: Link Coil(s)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-11 14:52:33 UTC
From: pacquerat@...
Topic: 14235 Message: 14238

Dean,

IMHO, setup a "foundation" for the tank coil complete with appropriate link. Once set up for each band there will be minimal time lost in changing bands.

Tweak each coil set using a known resistive load (Cantenna?). Use an antenna tuner known to load what ever is hanging outside and mark tuner settings for each band using live prior tests when band is "dead". I would think that is about the best preparation that can be done, aside of a couple of spare tubes, rectifier and lots of coffee...

Many years ago I cleaned the last of "obsolete" stock of a local distributor. Amongst that stuff was a group of B&W Ham tank coils and links. These appear to be in the 10 to 50 watt range judging by size. Some are in original boxes with part numbers, some are open style and others shielded. Unfortunately I do not have any vintage catalog to reference what coils go with what link.

Anyone know where I can find an on-line vintage B&W catalog it would be helpful..

I have not built my "B-K" and Bruce has been haunting me for many years :) He continually shames me to get to practice my almost non-existent CW too...

I have a "vintage" TNT breadboard rig built by a local S-K some 40 ya with a 10 in it. It is a conglomeration of parts sprinkled with Phillips screws and a couple of"modern" resistors. I got no idea if it works,I do suspect it is on 40 but never got the courage to fire it up. I live in a land dense with O.O.'s...

GL with project.

Charles
WA1JFD

14239. Re: [AWA Group] Link Coil(s)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-12 18:57:49 UTC
From: dfaklis@...
Topic: 14235 Message: 14239

Thanks to all for the suggestions. I started with "more is better" and used a link with about the same inductance as the tank. Tone and stability were great and the device was a pleasure to use to make Q's at about 1w out. The link was certainly not optimized and I still don't know how to think about the link design rules.

I found a page by W8JI on link coupling (http://www.w8ji.com/link_coupling.htm). I don't understand it yet and trial/error sounds like it might be easier!

I received some excellent suggestions and I'll pair up three links with my three primary coils. All of my antennas are well behaved (50 ohms). I need to move past my sliding v-block arrangement and fab some sort of band change mechanism.

Thanks! 73, Dean, NW2K

14240. Link Coil(s) es Dean

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-12 19:45:48 UTC
From: Louis Vermond
Topic: 14240 Message: 14240

Dean, Please post photos here of ur rig. TKS, Lou
----- Original Message -----
From: dfaklis@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-10-12 2:57 PM
Subject: Re: [AWA Group] Link Coil(s)

Thanks to all for the suggestions. I started with "more is better" and used a link with about the same inductance as the tank. Tone and stability were great and the device was a pleasure to use to make Q's at about 1w out. The link was certainly not optimized and I still don't know how to think about the link design rules.

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Thanks! 73, Dean, NW2K

Posted by: dfaklis@...

Reply via web post • Reply to sender • Reply to group • Start a New Topic • Messages in this topic (5)

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14241. Re: [AWA Group] Link Coil(s)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-12 19:46:21 UTC
From: Don Dulmage
Topic: 14235 Message: 14241

I see. You are looking for an engineering style rule. The ARRL books clearly state to do the trial and error adjustment after initial build. There are a lot of variables. I have been working on my Longfellow today and was able to more then double power output by playing with it. Placement being as important as No of turns. However number of turns in the tuning coil over pi (NT/pi= link nt) where NT is number of turns in the tuning coil and pi is 3.14 and link nt is number of turns in the antenna link will get you mighty close. You will of necessity have to fudge to the nearest full turn more or less. However it is easier and quicker just to whip one up and test it with a light bulb. The power hidden here as Steve already indicated in his post is nothing to be ignored. Sometimes on a QRP rig it is the whole ball game. It is as he showed clearly well worth the effort.
donVe3LYX

On Wed, 10/12/16, dfaklis@frontiernet.net [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Link Coil(s)
To: AWAGroup@yahoogroups.com
Received: Wednesday, October 12, 2016, 2:57 PM

Thanks to all for the suggestions. I
started with "more is better" and used a link with
about the same inductance as the tank. Tone and stability
were great and the device was a pleasure to use to make
Q's at about 1w out. The link was certainly not
optimized and I still don't know how to think about the
link design rules.
I found a
page by W8JI on link coupling
(http://www.w8ji.com/link_coupling.htm). I don't
understand it yet and trial/error sounds like it might be
easier!
I received some
excellent suggestions and I'll pair up three links with
my three primary coils. All of my antennas are well
behaved (50 ohms). I need to move past my sliding v-block
arrangement and fab some sort of band change
mechanism.
Thanks! 73, Dean,
NW2K

14242. Re: Link Coil(s) es Dean

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-12 21:53:23 UTC
From: dfaklis@...
Topic: 14240 Message: 14242
Attachments: 4 described; binary payloads are missing from this source WARC

Thanks again to all for your help. Lou, here are some photos of the variable HV supply, filament supply and prototype transmitter, sprawled all over the bench. I've also attached a pic of the new coils for 160-80-40. I'm not sure if I'm supposed to attach the pics here or place them in some other location. Sorry in advance.

14243. Re: Link Coil(s) es Dean

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-13 01:28:03 UTC
From: dulmagedon@...
Topic: 14240 Message: 14243

I really like those copper coils! Cool!
I am going to say about more about links that I have learned. You may already know all this so if so forgive me.
Sometimes a link can be too efficient. Even though it makes great power it pulls too hard on the OSC and occasionally some won't start or are stubborn. Sometimes a variable cap in series with the centre lead will help out but I now often put on and extra turn or leave part of one off from ideal so as not to overload the OSC. Or if the coupling is movable you can just move it to a less coupled spot to give it some ease. Not so much a problem with a mopa but a single stage self controlled OSc occasionally can give trouble there.
Lamp indicators. I use 4 6 8 and 10 watt incandescent lamps installed as dummy loads when trying to optimize my links. I find it very helpful. Meters other then thermocouples or purpose built have trouble in a heavy RF environment and sometimes the readings are bogus. The lamps cut through the bull and tell you plain and simple is it putting out. Is it strong weak or whatever. I trust them. Maybe that seems simple and old hat, however it does work and never lies.
Anyway Thanks for your pictures. I see you are certainly having fun. Great Hobby!
donVe3LYX

14244. Re: [AWA Group] Re: Link Coil(s) es Dean [4 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-13 17:02:34 UTC
From: Louis Vermond
Topic: 14244 Message: 14244

Thank you Dean.

From your supply we can expect a FB rig. Looking forward to working you and it in 58 days.

73, Lou

Sri, out of 1929 pencils...

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14245. National Var Cap

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-13 17:33:52 UTC
From: Michael Bittner
Topic: 14245 Message: 14245
Attachments: 1 described; binary payloads are missing from this source WARC

Help,

Does anyone recognize what National radio this tuning cap. assy. came from and/or what kind of dial was supposed to be used with it? It has a 10:1 geared drive with a 1/4-in diameter shaft for a tuning knob, but no visible place to connect a dial or dial pointer. It does NOT have the correct configuration to accept a PW dial. The tag that came with it says 10 pF to 245 pF straight-line frequency.

Mike, W6MAB

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14246. Re: [AWA Group] National Var Cap [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-13 21:54:33 UTC
From: Leonard Meek
Topic: 14246 Message: 14246

I have a National RCF and a RCL that both have varicaps like that, but they have the PW dials.

Leonard

----- Original Message -----
From: 'Michael Bittner' mmab@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Thursday, October 13, 2016 7:33 AM
Subject: [AWA Group] National Var Cap [1 Attachment]

Help,

Does anyone recognize what National radio this tuning cap. assy. came from and/or what kind of dial was supposed to be used with it? It has a 10:1 geared drive with a 1/4-in diameter shaft for a tuning knob, but no visible place to connect a dial or dial pointer. It does NOT have the correct configuration to accept a PW dial. The tag that came with it says 10 pF to 245 pF straight-line frequency.

Mike, W6MAB

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14247. RE: [AWA Group] National Var Cap [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-13 22:27:12 UTC
From: Steve Flood
Topic: 14245 Message: 14247
Attachments: 4 described; binary payloads are missing from this source WARC

The stamped metal gearbox suggests WW2-era production, and if not a PW dial, then perhaps something in the NC-200 family?

Steve, KK7UV

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, October 13, 2016 11:34 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] National Var Cap [1 Attachment]

Help,

Does anyone recognize what National radio this tuning cap. assy. came from and/or what kind of dial was supposed to be used with it? It has a 10:1 geared drive with a 1/4-in diameter shaft for a tuning knob, but no visible place to connect a dial or dial pointer. It does NOT have the correct configuration to accept a PW dial. The tag that came with it says 10 pF to 245 pF straight-line frequency.

Mike, W6MAB

_____

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14248. Re: [AWA Group] National Var Cap

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-13 23:32:15 UTC
From: Michael Bittner
Topic: 14245 Message: 14248
Attachments: 1 described; binary payloads are missing from this source WARC

Leonard,
Thanks for the info, but it can't be for an RCF as the RCF has the classic die-cast gearbox with PW dial as shown in the attached photo from Western Radio Museum.
My var cap's gearbox appears to be brazed sheet metal and it doesn't have the eccentric outer shaft used with the PW dial.
Mike, W6MAB
-
-
----- Original Message -----
From: 'Leonard Meek' lemeek@hawaiiantel.net [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Thursday, October 13, 2016 2:54 PM
Subject: Re: [AWA Group] National Var Cap

I have a National RCF and a RCL that both have varicaps like that, but they have the PW dials.

Leonard

----- Original Message -----
From: 'Michael Bittner' mmab@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Thursday, October 13, 2016 7:33 AM
Subject: [AWA Group] National Var Cap [1 Attachment]

Help,

Does anyone recognize what National radio this tuning cap. assy. came from and/or what kind of dial was supposed to be used with it? It has a 10:1 geared drive with a 1/4-in diameter shaft for a tuning knob, but no visible place to connect a dial or dial pointer. It does NOT have the correct configuration to accept a PW dial. The tag that came with it says 10 pF to 245 pF straight-line frequency.

Mike, W6MAB

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14249. Re: [AWA Group] National Var Cap

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-13 23:44:31 UTC
From: Michael Bittner
Topic: 14245 Message: 14249
Attachments: 1 described; binary payloads are missing from this source WARC

Steve,
NC-200 looks close, but not exact. Looks like my var cap must need an additional gear-set or pulleys and string to operate a dial.
Mike, W6MAB
-
-
----- Original Message -----
From: 'Steve Flood' kk7uv@...t [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Thursday, October 13, 2016 3:27 PM
Subject: RE: [AWA Group] National Var Cap

The stamped metal gearbox suggests WW2-era production, and if not a PW dial, then perhaps something in the NC-200 family?

Steve, KK7UV

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, October 13, 2016 11:34 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] National Var Cap [1 Attachment]

Help,

Does anyone recognize what National radio this tuning cap. assy. came from and/or what kind of dial was supposed to be used with it? It has a 10:1 geared drive with a 1/4-in diameter shaft for a tuning knob, but no visible place to connect a dial or dial pointer. It does NOT have the correct configuration to accept a PW dial. The tag that came with it says 10 pF to 245 pF straight-line frequency.

Mike, W6MAB

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14250. Re: [AWA Group] Re: Link Coil(s) es Dean

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-14 07:35:00 UTC
From: Ron Barlow
Topic: 14244 Message: 14250

One caveat with regard to the use of incandescent lamps as a means to optimize the number of turns on the link, and the degree of coupling (physical distance between the link, and the "cold" end of the tank coil). The lamp's resistance must approximate the impedance of the load (antenna), that you will be using with your QRP xmtr, or your results will be bogus. A #47 lamp has a hot resistance that is close to 50 ohms, and will serve as a suitable load for a xmtr with a power output of 1 watt. 4 such lamps in series-parallel, will be suitable for a xmtr whose output is ~ 4 watts, etc. If you attempt to use a 7 watt 120 volt lamp, as a load (resistance in the neighborhood of 2100 ohms, and optimize the link for max brilliance (optimum impedance match), with such a load, the Z match will be far from optimum, when you attempt to feed a 50 ohm antenna system. Also, note that the resistance of an incandescent lamp varies considerably with filament temperature, so you want to use a lamp (or array of lamps) that will be illuminated to appx normal brilliance, or be prepared to make compensation adjustments.

On Thursday, October 13, 2016 1:01 PM, "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

☐Thank you Dean. From your supply we can expect a FB rig. Looking forward to working you and it in 58 days. 73, Lou Sri, out of 1929 pencils...

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14251. Re: [AWA Group] Re: Link Coil(s) es Dean

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-14 11:09:17 UTC
From: Don Dulmage
Topic: 14240 Message: 14251

While that is all true a 25 watt bulb is also a decent load. However while I realize it may not be the perfect way it will get you a long way down the road to on the air. An RFsniffer is another valuable tool. It appears to be effective. A thermal coupled RF meter would be nicer but $$$$$$$$
donVe3LYX

On Fri, 10/14/16, Ron Barlow imalowfer@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Re: Link Coil(s) es Dean
To: "AWAGroup@...m" <AWAGroup@yahoogroups.com>
Received: Friday, October 14, 2016, 3:35 AM

One
caveat with regard to the use of incandescent lamps as a
means to optimize the number of turns on the link, and the
degree of coupling (physical distance between the link, and
the "cold" end of the tank coil). The
lamp's resistance must approximate the impedance of the
load (antenna), that you will be using with your QRP xmtr,
or your results will be bogus. A
#47 lamp has a hot resistance that is close to 50 ohms, and
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73, Lou

Sri, out of 1929
pencils...

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14252. Regen filament polarity and other questions

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-14 14:29:23 UTC
From: aflowers@frontiernet.net
Topic: 14252 Message: 14252
Attachments: 1 described; binary payloads are missing from this source WARC

I got a prototype of my 1924 SW regen working well enough to actually hear stuff, and I'm now looking at ways of improving the performance while staying true to period practice. I started as anyone would have done in 1924--building from a magazine article. Now that there is life in the phones I'm looking at how to make it as good as it could reasonably be, with the understanding that only so much is going to come out of 90-year-old parts and no shielding in a modern RF environment!

I've attached the schematic. The tickler is movable, while the primary is not. All three coils are plug-in replaceable per the Dec '24 QST article which allows lots of flexibility when it comes to experimenting. I'm running both tubes off of a common 45VDC plate supply at the moment, but I did add terminals for separate B+ for the detector and amplifier stages so I can find the right mix. Right now its a pair of UV-201A's (with 2M grid leak), but I could sub in 99's easily enough as that would also be 1924-appropriate. A UV200 in the detector slot is another possibility, but I haven't started down that path yet.

I have a couple of questions for people who have been to this rodeo before:

1) The original schematic I followed has the detector tube's A- attached to Ground/B- with the A+ attached to the filament rheostat, but in other designs I see the A+ is grounded and the filament rheostat is in the A- lead. Does this make a difference? I've attached the original schematic I'm working with for reference.

2) There is no RFC on the plate of the detector. There is the primary of the transformer and a bypass condenser, but I'm not sure that is "good enough".

3) In a transmitter I usually need a series condenser to get a good coupling to a 50 ohm antenna. I'm thinking the same is true here, provided of course that I don't over couple and cause the detector to stop oscillating or have the antenna swinging mess up reception.

Thanks,Andy K0SM/2

14253. Re: [AWA Group] Re: Link Coil(s) es Dean

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-14 16:22:27 UTC
From: Steve
Topic: 14240 Message: 14253

> An RFsniffer is another valuable tool.

Indeed it is, especially if it is tuned. One of the first things that I built at age 15, was a tuned sniffer, with plug in coils and I have never stopped using it. Getting my Tri-Tet-Ten working with its 40m crystal would have been very challenging without it as the relative strength of each harmonic could be easily checked. Even slight tweaks of the cathode tank made large changes in unwanted harmonic content on the way up to 10m.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

14254. Re: [AWA Group] Regen filament polarity and other questions

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-14 23:00:00 UTC
From: N3IBX
Topic: 14252 Message: 14254

Hello Andy,
? ? ? ? ? ? ? ? ?I'd like to see how your configuration worked out with a 00-A gaseous detector and 01A as the AF/ amp. My own experience has been sometimes they work better and sometimes not. Also, why not try a 199 detector while retaining the 01A audio amp? At least one particular "National-Browning-Drake" schematic I've seen recommended that type of configuration for a "N-B-D" receiver. I'd retain the 01A as the audio amp since it would work better than a 199 would unless you always plan to use it with a set of cans. Then it probably wouldn't make much difference.

Just my thoughts on the subject.

Joe Cro N3IBX
?
?
On 10/14/16, 'aflowers@frontiernet.net' aflowers@... [AWAGroup] wrote:
?
?

I got a prototype of my 1924 SW regen working well enough to actually hear stuff, and I'm now looking at ways of improving the performance while staying true to period practice. I started as anyone would have done in 1924--building from a magazine article.? Now that there is life in the phones I'm looking at how to make it as good as it could reasonably be, with the understanding that only so much is going to come out of 90-year-old parts and no shielding in a modern RF environment!

I've attached the schematic.? The tickler is movable, while the primary is not.? All three coils are plug-in?replaceable?per the Dec '24 QST article which allows lots of flexibility when it comes to experimenting.? I'm running both tubes off of a?common 45VDC plate supply at the moment, but I did add terminals for separate B+ for the detector and amplifier stages so I can find the right mix.? Right now its a pair of UV-201A's (with 2M grid leak), but I could sub in 99's easily enough as that would also be 1924-appropriate.? A UV200 in the detector slot is another possibility, but I haven't started down that path yet.

I have a couple of questions for people who have been to this rodeo before:

1) The original schematic I followed has the detector tube's A- attached to?Ground/B- with the A+ attached to the filament rheostat, but in other designs I see the A+ is grounded and the filament rheostat is in the A- lead.? Does this make a difference?? I've attached the original schematic I'm working with for reference.

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3) In a transmitter I usually need a series condenser to get a good coupling to a 50 ohm antenna.? I'm thinking the same is true here, provided of course that I don't over couple and cause the detector to stop oscillating or have the antenna swinging mess up reception.

Thanks,
Andy K0SM/2

14255. Re: Regen filament polarity and other questions

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-15 11:37:09 UTC
From: kk7uv@...
Topic: 14252 Message: 14255

Andy, with regard to your question (1), I posted a similar question to the Antique Radio Forum six years ago. Here is a link to that exchange:

http://antiqueradios.com/forums/viewtopic.php?f=12&t=143001
http://antiqueradios.com/forums/viewtopic.php?f=12&t=143001

14256. need an ear.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-15 14:46:54 UTC
From: dulmagedon@...
Topic: 14256 Message: 14256

I am testing the longfellow in about 5 minutes on 7295 plus or minus 2 khz. If anyone is in their shack or doesn't mind lending an ear i would appreciate it.

Thanks Don VE3LYX

14257. Re: [AWA Group] need an ear.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-15 15:01:41 UTC
From: Doug Forbes
Topic: 14256 Message: 14257

Don, 7*2*95 ?

Doug Forbes WA6VYN

On 10/15/2016 7:46 AM, dulmagedon@... [AWAGroup] wrote:
>
>
> I am testing the longfellow in about 5 minutes on 7295 plus or minus 2
> khz. If anyone is in their shack or doesn't mind lending an ear i
> would appreciate it.
>
> Thanks Don VE3LYX
>
>
>
>

14258. Re: [AWA Group] need an ear.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-15 16:11:06 UTC
From: dulmagedon@...
Topic: 14256 Message: 14258

Oh oh! Senoir moment. 7052khz.+or- Must have been a Freudian slip longing for AM.
7052 kcs CW. I will try again at 1.00. Probably messed this all up but i am trying anyway.
I just did a lot mre work on the longfeller including a proper parasitic suppressor choke and whant to do an on air check.
I can't believe I wrote that and didn't notice but guilty as charged. My apologies to all who saw it.
Thanks.
donVe3LYX

14259. Re: [AWA Group] need an ear.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-15 20:20:06 UTC
From: dulmagedon@...
Topic: 14256 Message: 14259

Thanks everyone who helped. I am sitting down because I rung the bell on the Reverse Beacon just now.
freq 7252.2 khz, 20db, 16WPM, 1451hrs. That is the longfellow hb . five 25L6s. One as a crystal osc 4 as beampower rf PA quad four. Screen grid keying. Skimmer was I believe a W2 station.
I have been talking with Bob and yesterday he came up with a 1956 circuit with 4 6l6s as a PA. 150 watts input.
Triode connected 6l6s. So i wanted to see what 25L6s would be like wired the same way.(probably about 1/10 the power out but easy build.) No transformers a hand full of parts and a bunch of tubes. I ran out of new tube sockets so have to wait for a fresh order. This one will be with a VFO and probably 20M only.
donVe3LYX

14260. Re: [AWA Group] need an ear.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-15 20:46:23 UTC
From: dulmagedon@...
Topic: 14256 Message: 14260

Would you believe 7052.2?
don

14261. TEST 2

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-17 18:54:49 UTC
From: Louis Vermond
Topic: 14261 Message: 14261

TEST 2

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14262. TEST 2:30PM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-17 18:32:22 UTC
From: Louis Vermond
Topic: 14262 Message: 14262

TEST

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https://www.avast.com/antivirus

14263. K0SM Eye-Ball

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-17 21:07:55 UTC
From: Louis Vermond
Topic: 14263 Message: 14263
Attachments: 1 described; binary payloads are missing from this source WARC

Hello,

Andy's, K0SM in-laws live in Guelph, Ont. an hours drive away so we are able to get together a few times a year.

Today Andy brought his new regen along. The RX is shown below. We copied 40 CW with good signal strength. Makes me want to build one!

54 daz, Lou VE3AWA

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14264. de K1TG - Headphones

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-17 21:22:34 UTC
From: Roger Kuchera
Topic: 14264 Message: 14264

Gentlemen, I attended a local hamfest yesterday and came upon a set of oddly named headphones, namely "Little Tattler."I couldn't resist the name, so I brought them home. The cords were badly tattered so they couldn't befield tested. I installed a new cord. Lo and behold a 1.5 volt battery makes both headpieces click loudly. With a bit of soap and damp paper towel they'll clean up nicely. Some auto wax and they will go on display.

I looked up the name and the best info I found, so far, says they were made in Marinette, WI sometime between1920 and 1926. The coil resistances average 750 ohms, so I assume they are Hi-Z type. One of the sounderdisks is missing about 20 % due to corrosion. I stuck a disk from a of Connecticut 1500 headset in and it seems towork.

Is their anyone in our august body who can add anything to what I found?

Roger/K1TG

14265. A live one with the Longfellow

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-19 12:56:40 UTC
From: dulmagedon@...
Topic: 14265 Message: 14265

While I have been able to hit the reverse beacon fairy easily with the longfellow I had not yet had a live QSO. Just now I fixed that with KA3OCS. 408mi ATCF. I have started to build a similar version but using some other ideas I have picked up flogging this one. Fun Hobby this Vintage style ham radio!
donVe3LYX

14266. Maple Syrup Net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-19 19:33:55 UTC
From: Louis Vermond
Topic: 13356 Message: 14266
Attachments: 1 described; binary payloads are missing from this source WARC

Maple Syrup Net

Tonight 8:00PM 3843Kc.

All Modes Welcomed

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14267. de K1TG - Meter needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-20 15:37:51 UTC
From: Roger Kuchera
Topic: 14267 Message: 14267

Gentlemen, I am on the hunt for a particular panel mount voltmeter. Namely, a Weston Model 506 or 517. The fullscale reading I need is 500 DC Volts. I mention Weston types because I have a 0-100 mA, type 506 infront of me. Any make will be fine as long as it is the small format type.

The approximate mechanical measurements of the small type 506 are:

2.585" - Flange diameter 2.250" - Case (panel hole) diameter

The mounting holes are the standard 120 deg. apart. The case material appears to be black Phenolic.

I would be willing to buy or swap for just about any meter I have in the "olde junque boxe." Just tell mewhat you are looking for or remuneration.

BTW: I know the 500 Volt scale can be made from lower value Voltmeters or the use of a mA meter. I am trying to avoid tolerance problems

Thank you for taking the time to look. Take care and stay well.

Roger/K1TG

14268. Ideas on stuffing/cheating interstage audio transformers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-23 18:22:46 UTC
From: aflowers@frontiernet.net
Topic: 14268 Message: 14268

I'm looking for some advice on how to resurrect/reuse some burnt out audio transformers that have one or both windings open. I'm looking at ways of stuffing them so that I can reuse the shells in a functional piece of equipment that looks right on the outside. This is a ham receiver--I really don't mind having "distortion" that makes for a bandpass filter as I'll be using it primarily for CW reception. In fact, I've read of people in the old days using a pair of 6:1 transformers of the same model just to get an audio bandpass filter of sorts for CW work--opposite of what you might do if you wanted to listen to music.

1) I know some people have stuffed the shells with resistors and a cap for resistance coupling, but I'm concerned that I'm not going to get much gain when using a low-gain tube (UV 201As, supposedly with a mu of 10 when new). Ultimately I'd like to drive a Hi-Z horn with two stages of AF. I'm not sure RC coupling will get me there, but maybe I need to try this. If anyone has had success with this I'd appreciate some component values as a starting point.

2) Are there "small" modern replacement bobbins that I can either slide on the core of the old transformer or use in its entirety to fit inside a shell if small enough?

3) How about running a 60's-vintage "transceiver transformer" backward? I'm not quite sure what the original application was, but I have a stancor A-3836 that says:

Primary 10,000 ohms (30ma)Secondary 2000 ohms and 50 ohms

Crazy thought: is there any reason I couldn't swap the primary and hi-z secondary and get it to behave something like a 5:1 AFT? I bring this up because I have one and I can probably just fit inside the shell of one of the larger AFTs to hide the evidence...

Andy K0SM/2

14269. EF50 Tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-23 18:44:16 UTC
From: Michael Bittner
Topic: 14269 Message: 14269

I'm trying to test an EF50 tube. Radiomuseum says that the EF50 tube is "identical" to a CV-1091. My TV-7/DU tube tester data has settings for testing the CV-1091. However, both tubes a 9-pin loctals and the TV-7 does not have a socket for 9-pin loctals, only 8-pin loctals. What's going on here? Help, is there some adapter that's meant for the TV-7 to allow testing 9-pin loctals? Mike, W6MAB

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14270. Re: Ideas on stuffing/cheating interstage audio transformers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-23 19:48:54 UTC
From: dulmagedon@...
Topic: 14268 Message: 14270

I have an article on such things from 1927 Radio News. Basically they subbed a resistor making the amp resistance coupled in effect . It was if only one side was kaput but no reason why you couldn't fudge it for two. I dig it up and send you a scan.
Re EF50 tube post. Somebody playing with a No 19? If so it isnt the EF50 causing the trouble. (pm me)
Put fire in my 2016 BK Hartley today. No smoke and a signal which is always good.
donVe3LYX

14271. Re: [AWA Group] EF50 Tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-23 19:57:41 UTC
From: Larry Szendrei
Topic: 14269 Message: 14271

On 10/23/16 2:44 PM, 'Michael Bittner' mmab@... [AWAGroup] wrote:
>
> I'm trying to test an EF50 tube. Radiomuseum says that the EF50 tube
> is "identical" to a CV-1091. My TV-7/DU tube tester data has settings
> for testing the CV-1091. However, both tubes a 9-pin loctals and the
> TV-7 does not have a socket for 9-pin loctals, only 8-pin loctals.
> What's going on here? Help, is there some adapter that's meant for
> the TV-7 to allow testing 9-pin loctals? Mike, W6MAB
Gee, I've didn't even know 9-pin loctals existed. Guess I'm not of much
help!

73,
-Larry/NE1S

14272. Re: [AWA Group] Ideas on stuffing/cheating interstage audio transformers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-23 19:55:58 UTC
From: Larry Szendrei
Topic: 14268 Message: 14272

On 10/23/16 2:22 PM, 'aflowers@...' aflowers@...
[AWAGroup] wrote:
>
> 1) I know some people have stuffed the shells with resistors and a cap
> for resistance coupling, but I'm concerned that I'm not going to get
> much gain when using a low-gain tube (UV 201As, supposedly with a mu
> of 10 when new). Ultimately I'd like to drive a Hi-Z horn with two
> stages of AF. I'm not sure RC coupling will get me there, but maybe I
> need to try this. If anyone has had success with this I'd appreciate
> some component values as a starting point.
I recall seeing an active (with transistors, forsooth!) circuit in a
past AWA Journal or OTB that IIRC was used to replace step-up audio
transformers in old broadcast sets. I can't give you the issue, but iot
was probably in the past 10 years or so, I think in one of the regular
restoration columns.
>
> 2) Are there "small" modern replacement bobbins that I can either
> slide on the core of the old transformer or use in its entirety to fit
> inside a shell if small enough?
Not that I know of, but have you checked Antique Electronic Supply Co.?
I remember seeing audio interstage transformers, but don't know if they
still carry them.
>
> 3) How about running a 60's-vintage "transceiver transformer"
> backward? I'm not quite sure what the original application was, but I
> have a stancor A-3836 that says:
>
> Primary 10,000 ohms (30ma)
> Secondary 2000 ohms and 50 ohms
>
> Crazy thought: is there any reason I couldn't swap the primary and
> hi-z secondary and get it to behave something like a 5:1 AFT? I bring
> this up because I have one and I can probably just fit inside the
> shell of one of the larger AFTs to hide the evidence...
I see no reason why that transformer wouldn't be perfect for the job.
The plate current for an '01A is probably not enough to worry about core
saturation, even if the replacement wasn't meant to carry DC through one
of its windings.

73,
-Larry/NE1S

14273. Re: [AWA Group] Ideas on stuffing/cheating interstage audio transformers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-24 13:54:02 UTC
From: Roger Kuchera
Topic: 14268 Message: 14273

Hi Larry, I'm not sure how appropriate this tidbit might be but I have had some success in using 6.3 and 12.6 volt filamenttransformers as couplers from plate to headphones. Some of the old Radio Shack transformers are CT on thefilament side. They are relatively small and some have a steel shell. Just a thought. I have no idea what the mis-match might be. I'll do almost anything to keep B+ off my headset....I hate surprises! BTW: That would be the 115VAC winding to the plate and filament winding to the cans.
Roger/K1TG

On Sunday, October 23, 2016 4:02 PM, "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv1509484280 #yiv1509484280 .yiv1509484280ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv1509484280 div.yiv1509484280ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv1509484280 div.yiv1509484280photo-title a, #yiv1509484280 div.yiv1509484280photo-title a:active, #yiv1509484280 div.yiv1509484280photo-title a:hover, #yiv1509484280 div.yiv1509484280photo-title a:visited {text-decoration:none;}#yiv1509484280 div.yiv1509484280attach-table div.yiv1509484280attach-row {clear:both;}#yiv1509484280 div.yiv1509484280attach-table div.yiv1509484280attach-row div {float:left;}#yiv1509484280 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv1509484280 div.yiv1509484280ygrp-file {width:30px;}#yiv1509484280 div.yiv1509484280attach-table div.yiv1509484280attach-row div div a {text-decoration:none;}#yiv1509484280 div.yiv1509484280attach-table div.yiv1509484280attach-row div div span {font-weight:normal;}#yiv1509484280 div.yiv1509484280ygrp-file-title {font-weight:bold;}#yiv1509484280 -->

On 10/23/16 2:22 PM, 'aflowers@frontiernet.net' aflowers@... [AWAGroup] wrote:

1) I know some people have stuffed the shells with resistors and a cap for resistance coupling, but I'm concerned that I'm not going to get much gain when using a low-gain tube (UV 201As, supposedly with a mu of 10 when new). Ultimately I'd like to drive a Hi-Z horn with two stages of AF. I'm not sure RC coupling will get me there, but maybe I need to try this. If anyone has had success with this I'd appreciate some component values as a starting point.
I recall seeing an active (with transistors, forsooth!) circuit in a past AWA Journal or OTB that IIRC was used to replace step-up audio transformers in old broadcast sets. I can't give you the issue, but iot was probably in the past 10 years or so, I think in one of the regular restoration columns.

2) Are there "small" modern replacement bobbins that I can either slide on the core of the old transformer or use in its entirety to fit inside a shell if small enough?
Not that I know of, but have you checked Antique Electronic Supply Co.? I remember seeing audio interstage transformers, but don't know if they still carry them.

3) How about running a 60's-vintage "transceiver transformer" backward? I'm not quite sure what the original application was, but I have a stancor A-3836 that says:
Primary 10,000 ohms (30ma) Secondary 2000 ohms and 50 ohms
Crazy thought: is there any reason I couldn't swap the primary and hi-z secondary and get it to behave something like a 5:1 AFT? I bring this up because I have one and I can probably just fit inside the shell of one of the larger AFTs to hide the evidence...

I see no reason why that transformer wouldn't be perfect for the job. The plate current for an '01A is probably not enough to worry about core saturation, even if the replacement wasn't meant to carry DC through one of its windings.

73,
-Larry/NE1S

14274. Re: [AWA Group] Ideas on stuffing/cheating interstage audio transformers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-24 16:22:23 UTC
From: Larry Szendrei
Topic: 14268 Message: 14274

Hi Roger,

Just in case you didn't know, I was attempting to answer the questions posed, I was not the original poster. That was Andy, K0SM.

120VAC primary/12.6V secondary filament xfmrs provide a decent match as a 500 ohm-to-voice coil transformer, and I have used them as such. A 6.3V filament transformer theoretically, then, may be able to match a fairly low Z (2K ohm) to voice coil, but watch for saturation of the core if the DC current through the primary winding is significant. To match Hi-Z phones you would want about a one-to-one ratio; again, beware of saturating the core. As I said, you probably don't have to worry about this if the current is low - say, 10 mA or less (admittedly a SWAG on my part).

73,
-Larry/NE1S

On 10/24/16 9:54 AM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:
> Hi Larry,
> I'm not sure how appropriate this tidbit might be but I have had some
> success in using 6.3 and 12.6 volt filament
> transformers as couplers from plate to headphones. Some of the old
> Radio Shack transformers are CT on the
> filament side. They are relatively small and some have a steel shell.
> Just a thought. I have no idea what the mis-
> match might be. I'll do almost anything to keep B+ off my headset....I
> hate surprises! BTW: That would be the 115
> VAC winding to the plate and filament winding to the cans.
>
> Roger/K1TG
>
>
> On Sunday, October 23, 2016 4:02 PM, "Larry Szendrei
> ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:
>
>
>
>
>
> On 10/23/16 2:22 PM, 'aflowers@...
> <mailto:aflowers@...>' aflowers@...
> <mailto:aflowers@...> [AWAGroup] wrote:
>>
>> 1) I know some people have stuffed the shells with resistors and a
>> cap for resistance coupling, but I'm concerned that I'm not going to

>> get much gain when using a low-gain tube (UV 201As, supposedly with a
>> mu of 10 when new). Ultimately I'd like to drive a Hi-Z horn with
>> two stages of AF. I'm not sure RC coupling will get me there, but
>> maybe I need to try this. If anyone has had success with this I'd
>> appreciate some component values as a starting point.
> I recall seeing an active (with transistors, forsooth!) circuit in a
> past AWA Journal or OTB that IIRC was used to replace step-up audio
> transformers in old broadcast sets. I can't give you the issue, but
> iot was probably in the past 10 years or so, I think in one of the
> regular restoration columns.
>>
>> 2) Are there "small" modern replacement bobbins that I can either
>> slide on the core of the old transformer or use in its entirety to
>> fit inside a shell if small enough?
> Not that I know of, but have you checked Antique Electronic Supply
> Co.? I remember seeing audio interstage transformers, but don't know
> if they still carry them.
>>
>> 3) How about running a 60's-vintage "transceiver transformer"
>> backward? I'm not quite sure what the original application was, but I
>> have a stancor A-3836 that says:
>>
>> Primary 10,000 ohms (30ma)
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>>
>> Crazy thought: is there any reason I couldn't swap the primary and
>> hi-z secondary and get it to behave something like a 5:1 AFT? I
>> bring this up because I have one and I can probably just fit inside
>> the shell of one of the larger AFTs to hide the evidence...
> I see no reason why that transformer wouldn't be perfect for the job.
> The plate current for an '01A is probably not enough to worry about
> core saturation, even if the replacement wasn't meant to carry DC
> through one of its windings.
>
> 73,
> -Larry/NE1S
>
>
>
>
>

14275. Re: [AWA Group] Ideas on stuffing/cheating interstage audio transformers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-24 17:08:39 UTC
From: Leonard Meek
Topic: 14268 Message: 14275

AES and Radiodaze sells (sold?) them, and also just the the windings without the core. They must have been pretty cheap because I bought several of them. I think they were made by Hammind, although China may have been involved, IIRC..

Leonard

----- Original Message -----
From: Roger Kuchera rwkuchera@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Monday, October 24, 2016 3:54 AM
Subject: Re: [AWA Group] Ideas on stuffing/cheating interstage audio transformers

Hi Larry,
I'm not sure how appropriate this tidbit might be but I have had some success in using 6.3 and 12.6 volt filament
transformers as couplers from plate to headphones. Some of the old Radio Shack transformers are CT on the
filament side. They are relatively small and some have a steel shell. Just a thought. I have no idea what the mis-
match might be. I'll do almost anything to keep B+ off my headset....I hate surprises! BTW: That would be the 115
VAC winding to the plate and filament winding to the cans.

Roger/K1TG

On Sunday, October 23, 2016 4:02 PM, "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

On 10/23/16 2:22 PM, 'aflowers@...' aflowers@... [AWAGroup] wrote:

1) I know some people have stuffed the shells with resistors and a cap for resistance coupling, but I'm concerned that I'm not going to get much gain when using a low-gain tube (UV 201As, supposedly with a mu of 10 when new). Ultimately I'd like to drive a Hi-Z horn with two stages of AF. I'm not sure RC coupling will get me there, but maybe I need to try this. If anyone has had success with this I'd appreciate some component values as a starting point.
I recall seeing an active (with transistors, forsooth!) circuit in a past AWA Journal or OTB that IIRC was used to replace step-up audio transformers in old broadcast sets. I can't give you the issue, but iot was probably in the past 10 years or so, I think in one of the regular restoration columns.

2) Are there "small" modern replacement bobbins that I can either slide on the core of the old transformer or use in its entirety to fit inside a shell if small enough?
Not that I know of, but have you checked Antique Electronic Supply Co.? I remember seeing audio interstage transformers, but don't know if they still carry them.

3) How about running a 60's-vintage "transceiver transformer" backward? I'm not quite sure what the original application was, but I have a stancor A-3836 that says:

Primary 10,000 ohms (30ma)
Secondary 2000 ohms and 50 ohms

Crazy thought: is there any reason I couldn't swap the primary and hi-z secondary and get it to behave something like a 5:1 AFT? I bring this up because I have one and I can probably just fit inside the shell of one of the larger AFTs to hide the evidence...

I see no reason why that transformer wouldn't be perfect for the job. The plate current for an '01A is probably not enough to worry about core saturation, even if the replacement wasn't meant to carry DC through one of its windings.

73,
-Larry/NE1S

14276. RE: [AWA Group] Ideas on stuffing/cheating interstage audio transformers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-24 17:15:35 UTC
From: Mike Feher
Topic: 14268 Message: 14276

Hammond may still have them. OM Fred was an AWA member and always very generous. I still have two AWA hats that he gave away at one of the Canandaigua meets. Kathy and I both got one. I am fairly sure his sons still kept his museum pretty intact. Our Canadian friends can probably add more. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@...m]
Sent: Monday, October 24, 2016 1:09 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Ideas on stuffing/cheating interstage audio transformers

☐

AES and Radiodaze sells (sold?) them, and also just the the windings without the core. They must have been pretty cheap because I bought several of them. I think they were made by Hammind, although China may have been involved, IIRC..

Leonard

----- Original Message -----

From: Roger Kuchera rwkuchera@... [AWAGroup] <mailto:rwkuchera@snet.net%20[AWAGroup]>

To: AWAGroup@yahoogroups.com

Sent: Monday, October 24, 2016 3:54 AM

Subject: Re: [AWA Group] Ideas on stuffing/cheating interstage audio transformers

Hi Larry,

I'm not sure how appropriate this tidbit might be but I have had some success in using 6.3 and 12.6 volt filament

transformers as couplers from plate to headphones. Some of the old Radio Shack transformers are CT on the

filament side. They are relatively small and some have a steel shell. Just a thought. I have no idea what the mis-

match might be. I'll do almost anything to keep B+ off my headset....I hate surprises! BTW: That would be the 115

VAC winding to the plate and filament winding to the cans.

Roger/K1TG

On Sunday, October 23, 2016 4:02 PM, "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

On 10/23/16 2:22 PM, 'aflowers@...t' aflowers@... [AWAGroup] wrote:

1) I know some people have stuffed the shells with resistors and a cap for resistance coupling, but I'm concerned that I'm not going to get much gain when using a low-gain tube (UV 201As, supposedly with a mu of 10 when new). Ultimately I'd like to drive a Hi-Z horn with two stages of AF. I'm not sure RC coupling will get me there, but maybe I need to try this. If anyone has had success with this I'd appreciate some component values as a starting point.

I recall seeing an active (with transistors, forsooth!) circuit in a past AWA Journal or OTB that IIRC was used to replace step-up audio transformers in old broadcast sets. I can't give you the issue, but iot was probably in the past 10 years or so, I think in one of the regular restoration columns.

2) Are there "small" modern replacement bobbins that I can either slide on the core of the old transformer or use in its entirety to fit inside a shell if small enough?

Not that I know of, but have you checked Antique Electronic Supply Co.? I remember seeing audio interstage transformers, but don't know if they still carry them.

3) How about running a 60's-vintage "transceiver transformer" backward? I'm not quite sure what the original application was, but I have a stancor A-3836 that says:

Primary 10,000 ohms (30ma)

Secondary 2000 ohms and 50 ohms

Crazy thought: is there any reason I couldn't swap the primary and hi-z secondary and get it to behave something like a 5:1 AFT? I bring this up because I have one and I can probably just fit inside the shell of one of the larger AFTs to hide the evidence...

I see no reason why that transformer wouldn't be perfect for the job. The plate current for an '01A is probably not enough to worry about core saturation, even if the replacement wasn't meant to carry DC through one of its windings.

73,
-Larry/NE1S

14277. BK 2016

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-24 17:49:24 UTC
From: dulmagedon@...
Topic: 14277 Message: 14277
Attachments: 1 described; binary payloads are missing from this source WARC

Had it calling CQ on 40M just now. Also tunes 80M. Warm off the bench.
donVe3LYX

14278. Wireless Set No. 19 info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-26 02:08:58 UTC
From: Roger Kuchera
Topic: 14278 Message: 14278

Gentlemen, I gather from emails, that there are quite a few WS 19 owners in AWA land. I recently acquired a meterwhich seems to be from a WS 19 (a SWAG on my part).

The front panel scale is 0 to 600 Volts. The meter has NO multiplier resistor in it. A 1.5 Volt batterybangs the pointer on the end scale stop.

Here is the nomenclature found on the meter face:

W.S. NO. 19 VOLTMETER MODEL 125 6323

There is an ink stamping on the magnet: SEP 7 1944

Here is the nomenclature found on the rear of the case:

CALIBRATED FOR USE ON STEEL PANELS

2% Hi

15937 622.J

The scale is phosphorescent (Radium paint?).

Can any of you gentlemen give me the multiplier value or let me know where I might find the info ora parts list/schematic? I would be obliged. Thank You!

Roger/K1TG

14279. Re: [AWA Group] Wireless Set No. 19 info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-26 02:25:18 UTC
From: Don Dulmage
Topic: 14278 Message: 14279

Yes that is correct. The resistors used to let the meter read each scale are external and are just normal carbon resistors and were notoriously bad for value change. I have replaced most of mine to bring the readings back in line with real values. I have a schematic for a MKIII Canadian Set if you would like it . The PSU delivers about 575volts and runs at around 550 to 560 underload. That is only feeding the single 807. The lower HV for all other tubes is a nominal value of around 275 volts . Also it reads the battery or heater voltage and the AVC which is a good enough reading that you can tune the antenna on RX and it will be right on the money for TX. It also reads antenna current backwards from the external antenna tuner. Mine is 1943 and I have a twisted needle but it still works.
If you would like the schematic email me direct.
donVe3LYX

On Tue, 10/25/16, Roger Kuchera rwkuchera@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] Wireless Set No. 19 info needed
To: "AWAGroup" <awagroup@yahoogroups.com>
Received: Tuesday, October 25, 2016, 10:08 PM

Gentlemen,
I gather from emails, that there are quite a few WS 19
owners in AWA land. I recently acquired a meterwhich
seems to be from a WS 19 (a SWAG on my part).
     The front panel
scale is 0 to 600 Volts. The meter has NO multiplier
resistor in it. A 1.5 Volt batterybangs
the pointer on the end scale stop.

Here is the nomenclature found on the meter face:

W.S. NO. 19 VOLTMETER
MODEL 125   6323

There is an ink stamping on the magnet: SEP 7
1944
     Here is the
nomenclature found on the rear of the case:
          CALIBRATED   FOR
USE ON   STEEL
PANELS
                    2%
Hi

15937
622.J
     The scale is phosphorescent (Radium
paint?).

Can any of you gentlemen give me the multiplier value or let me know where I might find the info ora parts list/schematic? I would be obliged. Thank You!
Roger/K1TG

14280. Re: [AWA Group] Wireless Set No. 19 info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-26 17:06:43 UTC
From: Roger Kuchera
Topic: 14278 Message: 14280

GA Don, Thank you for your response to my question. I was looking for the easy way out by asking for themultiplier value.

Yes, the carbon composition resistors do have a bad reputation for value change. I use metaloxide types as they are very stable. I am not looking for absolute accuracy but something within 5 or10 percent would be good.

My application is for a Voltmeter across a regulated 300 Volt supply, so this meter is nearly aperfect fit mechanically and electrically.

What value did you replace your resistor with? In a parts list I found on the net there are 2 valuesmentioned as meter resistors; 1.2 MegOhms and 29 KOhms. I don't know if they are the resistors Iam looking for.

Your help is appreciated. Take care and stay well.
Roger/K1TG

On Tuesday, October 25, 2016 10:25 PM, "Don Dulmage dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Yes that is correct. The resistors used to let the meter read each scale are external and are just normal carbon resistors and were notoriously bad for value change. I have replaced most of mine to bring the readings back in line with real values. I have a schematic for a MKIII Canadian Set if you would like it . The PSU delivers about 575volts and runs at around 550 to 560 underload. That is only feeding the single 807. The lower HV for all other tubes is a nominal value of around 275 volts . Also it reads the battery or heater voltage and the AVC which is a good enough reading that you can tune the antenna on RX and it will be right on the money for TX. It also reads antenna current backwards from the external antenna tuner. Mine is 1943 and I have a twisted needle but it still works.
If you would like the schematic email me direct.
donVe3LYX

On Tue, 10/25/16, Roger Kuchera rwkuchera@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] Wireless Set No. 19 info needed
To: "AWAGroup" <awagroup@yahoogroups.com>
Received: Tuesday, October 25, 2016, 10:08 PM

Gentlemen,
I gather from emails, that there are quite a few WS 19 owners in AWA land. I recently acquired a meterwhich seems to be from a WS 19 (a SWAG on my part).

The front panel scale is 0 to 600 Volts. The meter has NO multiplier resistor in it. A 1.5 Volt batterybangs the pointer on the end scale stop.

Here is the nomenclature found on the meter face:

W.S. NO. 19 VOLTMETER
MODEL 125 6323

There is an ink stamping on the magnet: SEP 7
1944
Here is the
nomenclature found on the rear of the case:
CALIBRATED FOR
USE ON STEEL
PANELS
2%
Hi

15937
622.J
The scale is phosphorescent (Radium
paint?).
Can any of you gentlemen give me the
multiplier value or let me know where I might find the info
ora parts list/schematic? I would be
obliged. Thank You!
Roger/K1TG

14281. Re: [AWA Group] Wireless Set No. 19 info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-26 17:16:51 UTC
From: dulmagedon@...
Topic: 14278 Message: 14281

I dont remember. It was a couple of years ago. I got the values off the WS19 website but had to fudge them to get the meters to read correctly in sync with my voltmeters . Me I would use the large one first and see where that takes you. At least you wont hurt it. The Canadian sets use a different value I believe . Yes I use mine as a general reference only but it is mighty handy all the same. I will look up my values next time I am in the shack. don Ve3LYX

14282. Re: [AWA Group] Wireless Set No. 19 info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-26 17:33:35 UTC
From: Leonard Meek
Topic: 14278 Message: 14282

Why not add a small trim pot and adjust it for the desired reading.

Leonard
----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Wednesday, October 26, 2016 7:16 AM
Subject: Re: [AWA Group] Wireless Set No. 19 info needed

I dont remember. It was a couple of years ago. I got the values off the WS19 website but had to fudge them to get the meters to read correctly in sync with my voltmeters . Me I would use the large one first and see where that takes you. At least you wont hurt it. The Canadian sets use a different value I believe . Yes I use mine as a general reference only but it is mighty handy all the same. I will look up my values next time I am in the shack. don Ve3LYX

14283. Re: [AWA Group] Wireless Set No. 19 info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-26 18:44:33 UTC
From: Roger Kuchera
Topic: 14278 Message: 14283

Hi Don, What you sent me was not translatable. It was a series of alphanumerics and formatting data.I hate to be a pain. Try again?

What I found online was from another VE3 (VE3BRB ?). It showed the following:

R24A - 1.2 MegOhms, 5%, 1/2 W. R25A - 1.2 MegOhms, 5%, 1 W. R26A - 29 KOhms, 2%, 1/4 W.

The schematic was very grainy when I blew it up and very tough to read. I assume a switchselects the meter function; 0-15 Volts and 0-600 Volts.

Roger/K1TG

On Wednesday, October 26, 2016 1:43 PM, "'Leonard Meek' lemeek@hawaiiantel.net [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv5353727309 #yiv5353727309 .yiv5353727309ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv5353727309 div.yiv5353727309ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv5353727309 div.yiv5353727309photo-title a, #yiv5353727309 div.yiv5353727309photo-title a:active, #yiv5353727309 div.yiv5353727309photo-title a:hover, #yiv5353727309 div.yiv5353727309photo-title a:visited {text-decoration:none;}#yiv5353727309 div.yiv5353727309attach-table div.yiv5353727309attach-row {clear:both;}#yiv5353727309 div.yiv5353727309attach-table div.yiv5353727309attach-row div {float:left;}#yiv5353727309 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv5353727309 div.yiv5353727309ygrp-file {width:30px;}#yiv5353727309 div.yiv5353727309attach-table div.yiv5353727309attach-row div div a {text-decoration:none;}#yiv5353727309 div.yiv5353727309attach-table div.yiv5353727309attach-row div div span {font-weight:normal;}#yiv5353727309 div.yiv5353727309ygrp-file-title {font-weight:bold;}#yiv5353727309 --> ☐ #yiv5353727309 .yiv5353727309ygrp-photo-title {TEXT-ALIGN:center;WIDTH:75px;HEIGHT:15px;CLEAR:both;FONT-SIZE:smaller;OVERFLOW:hidden;}#yiv5353727309 DIV.yiv5353727309ygrp-photo {BORDER-BOTTOM:black 1px solid;BORDER-LEFT:black 1px solid;BACKGROUND-COLOR:white;WIDTH:62px;BACKGROUND-REPEAT:no-repeat;BACKGROUND-POSITION:center 50%;HEIGHT:62px;BORDER-TOP:black 1px solid;BORDER-RIGHT:black 1px solid;}#yiv5353727309 DIV.yiv5353727309photo-title A {TEXT-DECORATION:none;}#yiv5353727309 DIV.yiv5353727309photo-title A:active {TEXT-DECORATION:none;}#yiv5353727309 DIV.yiv5353727309photo-title A:hover {TEXT-DECORATION:none;}#yiv5353727309 DIV.yiv5353727309photo-title A:visited {TEXT-DECORATION:none;}#yiv5353727309 DIV.yiv5353727309attach-table DIV.yiv5353727309attach-row {CLEAR:both;}#yiv5353727309 DIV.yiv5353727309attach-table DIV.yiv5353727309attach-row DIV {FLOAT:left;}#yiv5353727309 P {PADDING-BOTTOM:3px;PADDING-LEFT:0px;PADDING-RIGHT:0px;CLEAR:both;OVERFLOW:hidden;PADDING-TOP:15px;}#yiv5353727309 DIV.yiv5353727309ygrp-file {WIDTH:30px;}#yiv5353727309 DIV.yiv5353727309attach-table DIV.yiv5353727309attach-row DIV DIV A {TEXT-DECORATION:none;}#yiv5353727309 DIV.yiv5353727309attach-table DIV.yiv5353727309attach-row DIV DIV SPAN {FONT-WEIGHT:normal;}#yiv5353727309 DIV.yiv5353727309ygrp-file-title {FONT-WEIGHT:bold;}<!--#yiv5353727309 #yiv5353727309ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv5353727309 #yiv5353727309ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv5353727309 #yiv5353727309ygrp-mkp #yiv5353727309hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv5353727309 #yiv5353727309ygrp-mkp #yiv5353727309ads {margin-bottom:10px;}#yiv5353727309 #yiv5353727309ygrp-mkp .yiv5353727309ad {padding:0 0;}#yiv5353727309 #yiv5353727309ygrp-mkp .yiv5353727309ad p {margin:0;}#yiv5353727309 #yiv5353727309ygrp-mkp .yiv5353727309ad a {color:#0000ff;text-decoration:none;}-->

Why not add a small trim pot and adjust it for the desired reading. Leonard
----- Original Message ----- From: dulmagedon@... [AWAGroup] To: AWAGroup@yahoogroups.com Sent: Wednesday, October 26, 2016 7:16 AM Subject: Re: [AWA Group] Wireless Set No. 19 info needed
I dont remember. It was a couple of years ago. I got the values off the WS19 website but had to fudge them to get the meters to read correctly in sync with my voltmeters . Me I would use the large one first and see where that takes you. At least you wont hurt it. The Canadian sets use a different value I believe . Yes I use mine as a general reference only but it is mighty handy all the same. I will look up my values next time I am in the shack. don Ve3LYX

14284. Re: [AWA Group] Wireless Set No. 19 info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-26 19:11:53 UTC
From: dulmagedon@...
Topic: 14278 Message: 14284

I didnt send you nothin. What is going on?
don

14285. Maple Syrup Net TONIGHT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-26 20:15:13 UTC
From: Louis Vermond
Topic: 13753 Message: 14285
Attachments: 1 described; binary payloads are missing from this source WARC

Maple Syrup Net

Tonight 8:00PM 3843Kc.

All Modes Welcomed

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14286. Re: [AWA Group] Wireless Set No. 19 info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-27 04:59:56 UTC
From: Roger Kuchera
Topic: 14278 Message: 14286

GE Don, I received the schematic OK. I was able to expand it and note the resistors associated with the"Test Meter." I appreciate the help. I'll let you know how it turns out. Take care and stay well.
Roger/K1TG

On Wednesday, October 26, 2016 3:11 PM, "dulmagedon@yahoo.ca [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv0474650295 #yiv0474650295 -- #yiv0474650295 .yiv0474650295ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv0474650295 div.yiv0474650295ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv0474650295 div.yiv0474650295photo-title a, #yiv0474650295 div.yiv0474650295photo-title a:active, #yiv0474650295 div.yiv0474650295photo-title a:hover, #yiv0474650295 div.yiv0474650295photo-title a:visited {text-decoration:none;}#yiv0474650295 div.yiv0474650295attach-table div.yiv0474650295attach-row {clear:both;}#yiv0474650295 div.yiv0474650295attach-table div.yiv0474650295attach-row div {float:left;}#yiv0474650295 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv0474650295 div.yiv0474650295ygrp-file {width:30px;}#yiv0474650295 div.yiv0474650295attach-table div.yiv0474650295attach-row div div a {text-decoration:none;}#yiv0474650295 div.yiv0474650295attach-table div.yiv0474650295attach-row div div span {font-weight:normal;}#yiv0474650295 div.yiv0474650295ygrp-file-title {font-weight:bold;}#yiv0474650295 #yiv0474650295 #yiv0474650295 #yiv0474650295 --#yiv0474650295ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv0474650295 #yiv0474650295ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv0474650295 #yiv0474650295ygrp-mkp #yiv0474650295hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv0474650295 #yiv0474650295ygrp-mkp #yiv0474650295ads {margin-bottom:10px;}#yiv0474650295 #yiv0474650295ygrp-mkp .yiv0474650295ad {padding:0 0;}#yiv0474650295 #yiv0474650295ygrp-mkp .yiv0474650295ad p {margin:0;}#yiv0474650295 #yiv0474650295ygrp-mkp .yiv0474650295ad a {color:#0000ff;text-decoration:none;}#yiv0474650295

I didnt send you nothin. What is going on?
don

14287. Re: [AWA Group] Wireless Set No. 19 info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-27 12:45:20 UTC
From: dulmagedon@...
Topic: 14278 Message: 14287

This might sound really stupid but my brain works from left to right. When I was sorting out the sets built in power hobble I reversed the that schematic on my screen and was able to read it much easier. Might not bother others but for my square head right to left flow didn't work. Anyway glad you got it. Hope all goes well.
donVE3LYX

14288. Adventures of Longfellow

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-27 23:08:00 UTC
From: dulmagedon@...
Topic: 14288 Message: 14288

I have been having a ball with my Longfellow 5X25L6 transmitter today. After getting it done and some on air testing and some feedback I have been working hard to get it to produce a real good signal. The screen keying worked but some of the osc leaked thru on key up as it ran all the time. I got it down to a pretty good spot but it still wasn't as I wanted so I hard wired the screens and tried keying the osc cathode. Worked good but I hadn't built a park circuit for the 4 PA tubes (usually 400ohm will back it up on rest) as it hadn't required it. This afternoon I swallowed hard and cut the feed and added the PA cathode to the keying load. It works very well .No clicks no chirp so I am told so I am happy. It is a fun rig to use. I have spent several hours with it today. I am now satisfied with it. I have been able to work stations in the 250 to 400 mile range today. I am working on a 20m version with VFO but am not rushing. I will use what I learned with this 40m one. The XYL gave me a small slat wood basket about 8 or 9 inches long so I am also on the side building "The Pigmy" (5 6aQ5s)
The XYL is at a hen party tonite so I am banging away on 7052kcs. (Also have 7030 , 7040 and 7045)

You might not recognize me. My CW is coming back to me. I thought it never would.

donVe3LYX

14289. Re: [AWA Group] Adventures of Longfellow

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-27 23:31:35 UTC
From: Louis Vermond
Topic: 14288 Message: 14289

You might not recognize me. My CW is coming back to me. Just in time for the Kelley! FB...

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https://www.avast.com/antivirus

14290. Re: Adventures of Longfellow

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-10-28 20:50:49 UTC
From: dulmagedon@...
Topic: 14288 Message: 14290
Attachments: 1 described; binary payloads are missing from this source WARC

Sometimes I get carried away. Here is The Pigmy already under way in front of his poppa. I had all the tubes , the sockets and even a 80 tiny crystal with holder in my junk box. (An old suitcase)
donVe3LYX

14291. Re: Adventures of Longfellow

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-02 00:33:20 UTC
From: dulmagedon@...
Topic: 14288 Message: 14291

It runs .
don

14292. Re: [AWA Group] Re: Adventures of Longfellow

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-02 02:54:41 UTC
From: Louis Vermond
Topic: 14288 Message: 14292

It runs . Looks good two. Congrats.

What will you be running in the Kelley, Don?

73, Lou

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https://www.avast.com/antivirus

14293. Re: [AWA Group] Re: Adventures of Longfellow

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-02 03:34:37 UTC
From: dulmagedon@...
Topic: 14288 Message: 14293

It is my intention to run The Rat Trap, and the German one I built that you sent me the socket for. I had good luck with the RatTrap last year and I believe you worked me once with the German one when I finished it. I built a hartley recently but I don't like it. I haven't decide whether to rub on it or scrap it.
I am looking forward to that weekend event.
don VE3LYX

14294. Re: [AWA Group] Re: Adventures of Longfellow

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-02 03:49:46 UTC
From: dulmagedon@...
Topic: 14288 Message: 14294
Attachments: 1 described; binary payloads are missing from this source WARC

And if I dont fall asleep after midnite I may put the fire to the monster hartley. It is under the max power range and does a good job for me. Who knows? I might work Tom. It certainly came through for me a few weeks back doing the pond hop with GW3OQK. On a good night a few hundred more KMs may be possible.
donVe3LYX

14295. Re: [AWA Group] Maple Syrup Net TONIGHT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-03 10:47:05 UTC
From: Larry Szendrei
Topic: 13753 Message: 14295

Hi Lou,

Where were you? I had a nice conversation with Dave VE3NNG. Aside from a ham new to HF that checked in (KC3DYE), everyone else was a no-show.

-'1S

14296. Re: [AWA Group] Maple Syrup Net TONIGHT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-03 14:38:38 UTC
From: Louis Vermond
Topic: 13753 Message: 14296

GM,

Where were you?

I'd like to blame my absence on Hot Sex, but it was only that I was a day behind.

Is deal still on? Me 160, you MSN.

Beautiful Fall day here.

73, Lou
VE3AWA

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https://www.avast.com/antivirus

14297. Re: Re: [AWA Group] Maple Syrup Net TONIGHT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-03 11:41:20 UTC
From: N3IBX
Topic: 13753 Message: 14297

Hello Larry, Lou and Others,
? ? ? ?I had originally intended to make the MSN this evening, but got involved in family medical issues and completely forgot about it due to what I was involved in. Many apologies as I really intended to be present.?

Hopefully next Wednesday night will be better for me and it won't happen again.

Very best regards,
Joe Cro N3IBX
?
?
On 11/03/16, Larry Szendrei ne1s@securespeed.us [AWAGroup] wrote:
?;
?

Hi Lou,

Where were you? I had a nice conversation with Dave VE3NNG. Aside from a ham new to HF that checked in (KC3DYE), everyone else was a no-show.

-'1S

14298. RE: [AWA Group] Maple Syrup Net TONIGHT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-03 14:44:31 UTC
From: Mike Feher
Topic: 13753 Message: 14298

We promise not to tell your wife. - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, November 03, 2016 10:39 AM
To: AWAGroup@yahoogroups.com
Cc: Joe Cro N3IBX; Dave Woodhouse VE3NNG
Subject: Re: [AWA Group] Maple Syrup Net TONIGHT

GM,

Where were you?

I'd like to blame my absence on Hot Sex, but it was only that I was a day behind.

Is deal still on? Me 160, you MSN.

Beautiful Fall day here.

73, Lou

VE3AWA

<https://www.avast.com/antivirus> Avast logo

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www.avast.com <https://www.avast.com/antivirus>

14299. Re: [AWA Group] Maple Syrup Net TONIGHT

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-03 15:08:26 UTC
From: Larry Szendrei
Topic: 13753 Message: 14299

> GM,
> Where were you?
> I'd like to blame my absence on Hot Sex, but it was only that I was a
> day behind.

Oh, OK.

> Is deal still on? Me 160, you MSN.

Yep!

> Beautiful Fall day here.
>
It's raining here; it's supposed to rain into the night. Not
complaining, though - we really need it.

73,
-Larry/NE1S

14300. Just heard... Cubs!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-03 19:07:29 UTC
From: Louis Vermond
Topic: 14300 Message: 14300
Attachments: 1 described; binary payloads are missing from this source WARC

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https://www.avast.com/antivirus

14301. Auto keying for tests.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-03 21:16:46 UTC
From: dulmagedon@...
Topic: 14301 Message: 14301

Often when building I get to the first on air test and it becomes a difficulty. I need someone to either run the rig or take a portable for some field strength tests. Having some one run a portable is about hopeless. The other alternative, having someone press the key is questionable at best unless another ham is visiting which is ideal.
I needed something to key the rig while drove around the lake checking the signal. I use pilot lamps for current indicators. I realize many don't but I do because in the event of a problem the lamp with perform like a fuse and save your bacon. Also the values are about perfect but back to keying. It is Chrismas time soon and my wife likes lots of lights. She doe not like blinking lights though so has had be remove the blinkers from all her lamps. So today i took a blown #40 bulb, removed the dead glass bulb from the socket and soldered in a push type Christmas lamp socket. I tried several blinkers 2.5 V 3.5 V 6 V and 12Volt blinkers. All available at Walmrt for about $1.25 a pack. The packsare marked replacement and say nothing about flashers but the first two in every pack are the blinker lamps. (from the left) I installed on in the longfellow and instantly i had the rig keying nicely n a more or less steady rhythm. I bricked the Key for this. Then i thought most of my rig are cathode keyed so I installed the lamp across the key (old indicator lamp reinstalled.) It worked very well. As long as tests are as short in duration as practical itis like have an extra person around to help.

BTW tested the Pigmy today. using a 35795 colourburst crystal it appears from tests to be doing good job. I need two more tubes as one is nearly dead and I am short one anyway . They should be here tomorrow although I have been operating with the OSC and two good tubes.

(Wish I had five 813s and sockets ;>)

14302. 80 Metre Antenna Length Chart

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-04 00:22:47 UTC
From: Louis Vermond
Topic: 14302 Message: 14302
Attachments: 1 described; binary payloads are missing from this source WARC

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https://www.avast.com/antivirus

14303. Re: [AWA Group] Auto keying for tests.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-04 13:26:21 UTC
From: Larry Szendrei
Topic: 14301 Message: 14303

Great idea, Don. Thanks for the tip. Now if only you could get it to ID for you in CW ;-)

I have to think there must be a computer program somewhere that would send a continuous loop of CW out to a USB port (or maybe the RS-232 port on an older machine) that could be used to actuate a relay for this purpose. One application would be for a beacon, which, essentially is what you would be operating (at least for a brief period). Another thought - I'd be surprised if someone hasn't written such code for an Arduino. It would be a trivial matter to make an interface to key the rig from an Arduino output.

I love the simplicity of your solution; the only problem I see is if your test needs to run longer than the legal ID period.

73,
-Larry/NE1S

On 11/3/16 5:16 PM, dulmagedon@... [AWAGroup] wrote:
>
> Often when building I get to the first on air test and it becomes a
> difficulty. I need someone to either run the rig or take a portable
> for some field strength tests. Having some one run a portable is about
> hopeless. The other alternative, having someone press the key is
> questionable at best unless another ham is visiting which is ideal.
>
> I needed something to key the rig while drove around the lake
> checking the signal. I use pilot lamps for current indicators. I
> realize many don't but I do because in the event of a problem the lamp
> with perform like a fuse and save your bacon. Also the values are
> about perfect but back to keying. It is Chrismas time soon and my wife
> likes lots of lights. She doe not like blinking lights though so has
> had be remove the blinkers from all her lamps. So today i took a blown
> #40 bulb, removed the dead glass bulb from the socket and soldered in
> a push type Christmas lamp socket. I tried several blinkers 2.5 V 3.5
> V 6 V and 12Volt blinkers. All available at Walmrt for about $1.25 a
> pack. The packsare marked replacement and say nothing about flashers
> but the first two in every pack are the blinker lamps. (from the left)
> I installed on in the longfellow and instantly i had the rig keying
> nicely n a more or less steady rhythm. I bricked the Key for this.
> Then i thought most of my rig are cathode keyed so I installed the
> lamp across the key (old indicator lamp reinstalled.) It worked very
> well. As long as tests are as short in duration as practical itis like
> have an extra person around to help.
>

14304. RE: [AWA Group] Auto keying for tests.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-04 14:31:06 UTC
From: Mike Feher
Topic: 14301 Message: 14304

Back in the mid 60’s I designed myself an auto CW ID unit. It used logic flip flops out of which I made a shift register and then gates to decode my call from the registers outputs. Speed could be varied by varying the clock rate to the register. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, November 04, 2016 9:26 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Auto keying for tests.

Great idea, Don. Thanks for the tip. Now if only you could get it to ID for you in CW ;-)

I have to think there must be a computer program somewhere that would send a continuous loop of CW out to a USB port (or maybe the RS-232 port on an older machine) that could be used to actuate a relay for this purpose. One application would be for a beacon, which, essentially is what you would be operating (at least for a brief period). Another thought - I'd be surprised if someone hasn't written such code for an Arduino. It would be a trivial matter to make an interface to key the rig from an Arduino output.

I love the simplicity of your solution; the only problem I see is if your test needs to run longer than the legal ID period.

73,
-Larry/NE1S

On 11/3/16 5:16 PM, dulmagedon@... [AWAGroup] wrote:

Often when building I get to the first on air test and it becomes a difficulty. I need someone to either run the rig or take a portable for some field strength tests. Having some one run a portable is about hopeless. The other alternative, having someone press the key is questionable at best unless another ham is visiting which is ideal.

I needed something to key the rig while drove around the lake checking the signal. I use pilot lamps for current indicators. I realize many don't but I do because in the event of a problem the lamp with perform like a fuse and save your bacon. Also the values are about perfect but back to keying. It is Chrismas time soon and my wife likes lots of lights. She doe not like blinking lights though so has had be remove the blinkers from all her lamps. So today i took a blown #40 bulb, removed the dead glass bulb from the socket and soldered in a push type Christmas lamp socket. I tried several blinkers 2.5 V 3.5 V 6 V and 12Volt blinkers. All available at Walmrt for about $1.25 a pack. The packsare marked replacement and say nothing about flashers but the first two in every pack are the blinker lamps. (from

the left) I installed on in the longfellow and instantly i had the rig keying nicely n a more or less steady rhythm. I bricked the Key for this. Then i thought most of my rig are cathode keyed so I installed the lamp across the key (old indicator lamp reinstalled.) It worked very well. As long as tests are as short in duration as practical itis like have an extra person around to help.

14305. RE: [AWA Group] Auto keying for tests.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-04 14:32:01 UTC
From: Mike Feher
Topic: 14301 Message: 14305

Back in the mid 60’s I designed myself an auto CW ID unit. It used logic flip flops out of which I made a shift register and then gates to decode my call from the registers outputs. Speed could be varied by varying the clock rate to the register. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, November 04, 2016 9:26 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Auto keying for tests.

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14306. Re: [AWA Group] Auto keying for tests.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-04 17:47:53 UTC
From: dulmagedon@...
Topic: 14301 Message: 14306

Yes I am very concious of the time when I do it. I thought about a notched wheel and micro switch or photo cell.
And that would be very easy to do. In the meantime this allows me few minutes of test time which is all I really need. I have a Kantronics set up I used what seems like a hundred years ago for Morse and RTtY. I have it all but it is for my Vic 20 which I still have but the vic 20 has a PSU problem. I bought the Kantronics at the Ham store at the Rome / Utica NY Airport many many years ago. However no Computer allowed in Sudio B. Only wood tubes and me. I even dont like taking in a digital voltmeter
donVe3LYX

14307. Re: [AWA Group] Auto keying for tests.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-04 20:02:22 UTC
From: Larry Szendrei
Topic: 14301 Message: 14307

FB Don,

After I made that post I started thinking of how a contraption using electro-mechanical devices could be used to send an automatic CW ID loop that would be ancient-technology compliant along the lines of your notched-wheel-and-switch. I hadn't thought of a photocell, though - good idea.

-Larry/NE1S

On 11/4/16 1:47 PM, dulmagedon@... [AWAGroup] wrote:
>
> Yes I am very concious of the time when I do it. I thought about a
> notched wheel and micro switch or photo cell.
> And that would be very easy to do. In the meantime this allows me few
> minutes of test time which is all I really need. I have a Kantronics
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> 20 has a PSU problem. I bought the Kantronics at the Ham store at the
> Rome / Utica NY Airport many many years ago. However no Computer
> allowed in Sudio B. Only wood tubes and me. I even dont like taking in
> a digital voltmeter
> donVe3LYX
>

14308. Re: [AWA Group] Auto keying for tests.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-04 20:33:58 UTC
From: dulmagedon@...
Topic: 14301 Message: 14308

During my research into spy type low tube count transmitters I was directed to the Flyling Doctor radio story in Aus. That young fellow developed a small typewrtier that sent morse code when you typed normal. So simple one with patience could actually build one today. Totally electromechanical (about 95% mechanical) and I am betting fool proof. If I was younger and had more time I would perhaps make the key and notched device for one letter each week or so and eventually I would have one. Just to send a single repeated message like VVV DE VE3LYX would be much easier as you already indicated. That I may try. Got one more longfellow to finish first (20M VFO)
donVE3LYX

14309. Re: [AWA Group] Auto keying for tests.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-04 23:21:44 UTC
From: dulmagedon@...
Topic: 14301 Message: 14309

I found a small photocell in my junkbox and made a paper disc and punched out my Id with a paper punch. it worked. The Photocell is really too small but the concept works. Wheel should be about 10 to 12 inches. to give the right spacing. Ambient room light is enough to trigger it. Itisa project for some other day but the idea works.
donVe3LYX

14310. FW: Terrey Auction of Vintage Radio - Session Two - November 13, 2016

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-04 23:28:11 UTC
From: Mike Feher
Topic: 14310 Message: 14310

FYI. I received the catalog today. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: Terrey Auction [mailto:jon@...] On Behalf Of Terrey Auction
Sent: Friday, November 04, 2016 6:59 PM
To: n4fs@...
Subject: Terrey Auction of Vintage Radio - Session Two - November 13, 2016

<http://r20.rs6.net/on.jsp?a=1104839039186&r=3&c=582ddd40-8436-11e6-8734-d4ae5292c973&d=112632081004 4&ch=583d6da0-8436-11e6-8734-d4ae5292c973&ca=cfe44cf7-0c95-4eb7-8dcf-1a317dab5a97&o=https://imgssl.constantcontact.com/ui/images1/s.gif>

Dear MIke

I thought that you would like to hear about this super radio collecting event.

Enjoy!

Jon Kummer, Vintage Radio Publishing

TERREY AUCTION OF VINTAGE RADIO

Session Two!

Sunday November 13 2016

Catalogs Have Been Mailed

Now on Web Site: Full List of Lots, Catalog & More

www.terreyauction.com <http://r20.rs6.net/tn.jsp?f=001FhCx9Rj2N0sOq0QqPazQpGS8MK39qHXRqzm3fvFxc9PAx2_NLMRUwrwhr1hsex2PostEiPrnvA7QHOHCNxQDzmP1-Ydf4H2oPEX1sE5WZPPDTtxIqk80AsdBnR2JhutaImRjFKjNz7eJTjqhdTXNCvXVYMSUgg1foDjL0hvkmqt8pWH9t_jTMQ==&c=FQVWLTnDNd_OxLBM2p_ie8gvay-EB4aE587xHXHmaBUNZmSk_Zn3ag==&ch=KdcwmGh-_VQfpEVNCBWlJsrXEZVKWiev6_PIesEDoYfcr1IzKZqbVA==>

info@...

Dear Vintage Radio Enthusiast,

<http://r20.rs6.net/tn.jsp?f=001FhCx9Rj2N0sOq0QqPazQpGS8MK39qHXRqzm3fvFxc9PAx2_NLMRUwrwhr1hsex2PostEiPrnvA7QHOHCNxQDzmP1-Ydf4H2oPEX1sE5WZPPDTtxIqk80AsdBnR2JhutaImRjFKjNz7eJTjqhdTXNCvXVYMSUgg1foDjL0hvkmqt8pWH9t_jTMQ==&c=FQVWLTnDNd_OxLBM2p_ie8gvay-EB4aE587xHXHmaBUNZmSk_Zn3ag==&ch=KdcwmGh-_VQfpEVNCBWlJsrXEZVKWiev6_PIesEDoYfcr1IzKZqbVA==> <http://r20.rs6.net/tn.jsp?f=001FhCx9Rj2N0sOq0QqPazQpGS8MK39qHXRqzm3fvFxc9PAx2_NLMRUwrwhr1hsex2PostEiPrnvA7QHOHCNxQDzmP1-Ydf4H2oPEX1sE5WZPPDTtxIqk80AsdBnR2JhutaImRjFKjNz7eJTjqhdTXNCvXVYMSUgg1foDjL0hvkmqt8pWH9t_jTMQ==&c=FQVWLTnDNd_OxLBM2p_ie8gvay-EB4aE587xHXHmaBUNZmSk_Zn3ag==&ch=KdcwmGh-_VQfpEVNCBWlJsrXEZVKWiev6_PIesEDoYfcr1IzKZqbVA==> <http://r20.rs6.net/tn.jsp?f=001FhCx9Rj2N0sOq0QqPazQpGS8MK39qHXRqzm3fvFxc9PAx2_NLMRUwrwhr1hsex2PostEiPrnvA7QHOHCNxQDzmP1-Ydf4H2oPEX1sE5WZPPDTtxIqk80AsdBnR2JhutaImRjFKjNz7eJTjqhdTXNCvXVYMSUgg1foDjL0hvkmqt8pWH9t_jTMQ==&c=FQVWLTnDNd_OxLBM2p_ie8gvay-EB4aE587xHXHmaBUNZmSk_Zn3ag==&ch=KdcwmGh-_VQfpEVNCBWlJsrXEZVKWiev6_PIesEDoYfcr1IzKZqbVA==>

Here we go again! The auctioneer is ready, the tent (heated) has been rented, the caterer booked, and the catalogs printed, in the mail and on the website.

The second live auction, also with internet, telephone, and absentee bidding, will be held on Sunday, November 13, 2016 at 11:00am in Carlisle, MA. (Details at <http://r20.rs6.net/tn.jsp?f=001FhCx9Rj2N0sOq0QqPazQpGS8MK39qHXRqzm3fvFxc9PAx2_NLMRUwrwhr1hsex2PostEiPrnvA7QHOHCNxQDzmP1-Ydf4H2oPEX1sE5WZPPDTtxIqk80AsdBnR2JhutaImRjFKjNz7eJTjqhdTXNCvXVYMSUgg1foDjL0hvkmqt8pWH9t_jTMQ==&c=FQVWLTnDNd_OxLBM2p_ie8gvay-EB4aE587xHXHmaBUNZmSk_Zn3ag==&ch=KdcwmGh-_VQfpEVNCBWlJsrXEZVKWiev6_PIesEDoYfcr1IzKZqbVA==> www.terreyauction.com.) And, again, there will be a BBQ (6:00pm to 9:00pm) and Preview (noon to 10:00pm) on Saturday.

The Internet Bidding Website is up and running at: <http://r20.rs6.net/tn.jsp?f=001FhCx9Rj2N0sOq0QqPazQpGS8MK39qHXRqzm3fvFxc9PAx2_NLMRUwmOqp_jU3ukUTmEbJ-7vKfmlLhxnNxKRtYfOvAhhPZijX61Ih7N2rbUQb8CcIYtauyuFV4dOH47l-VVu0iXUmQ-jeBVdc2XhTKA3yeeQBcXQPp_o3W4n-KjINe6i8vE60F5lJ1fiyL8Asbkb_D5Tp2C43lEnbWgyWK-rgzxqvkQ9b0n_RUQRG4d_lZjKn7_Idw==&c=FQVWLTnDNd_OxLBM2p_ie8gvay-EB4aE587xHXHmaBUNZmSk_Zn3ag==&ch=KdcwmGh-_VQfpEVNCBWlJsrXEZVKWiev6_PIesEDoYfcr1IzKZqbVA==> Proxibid Terrey Auction Website.

It looks like it will be a repeat of September...great items to bid on, lots of collectors attending, good food, all in a heated tent. As I said in September, if you attend, you probably will meet collectors that you have known only via eBay or only heard about. (Take a look - <http://r20.rs6.net/tn.jsp?f=001FhCx9Rj2N0sOq0QqPazQpGS8MK39qHXRqzm3fvFxc9PAx2_NLMRUwmOqp_jU3ukUyJOo0ekX2wxkv8_BmduVIlXBWhh_Le-d17OkkLtIkzob9ByLJIUlUnFfEgoTb84uDXhNnkW5YA7rgsM2aIvu-hyhgbkUn27p6v1XZtJd9t-rmW64Us-DYdFfbgyvHY_s4Ra-yIKjRLgkVVfvVxHGbWwzd1w_1btXs9bdIOWjmt7TCGSGcbVjEA==&c=FQVWLTnDNd_OxLBM2p_ie8gvay-EB4aE587xHXHmaBUNZmSk_Zn3ag==&ch=KdcwmGh-_VQfpEVNCBWlJsrXEZVKWiev6_PIesEDoYfcr1IzKZqbVA==> Session #1 Photo Slide Show).

A few comments from the attendees: "I want to thank you for having the auction. It was interesting, exciting, and conducted very professionally and with class." "I thought it was one of the best run auctions I have ever attended, and I have attended many." "Wow!"'

Please respond on the website to let us know if you "plan to or might attend" the auction, preview and/or BBQ, so we can plan for all.

AT AUCTION...will be over 300 vintage radio items including sets from Grebe, DeForest, Federal, Jones, Kennedy, Kodel, Chelsea, Crosley, Miraco, Radio Shop, SE-SA-DE, General Apparatus, Sleeper, Western Coil, others, plus early wireless items. Many sets have rarely been seen at auction.

ABOUT THE PREVIEW PARTY <http://r20.rs6.net/tn.jsp?f=001FhCx9Rj2N0sOq0QqPazQpGS8MK39qHXRqzm3fvFxc9PAx2_NLMRUwrwhr1hsex2PostEiPrnvA7QHOHCNxQDzmP1-Ydf4H2oPEX1sE5WZPPDTtxIqk80AsdBnR2JhutaImRjFKjNz7eJTjqhdTXNCvXVYMSUgg1foDjL0hvkmqt8pWH9t_jTMQ==&c=FQVWLTnDNd_OxLBM2p_ie8gvay-EB4aE587xHXHmaBUNZmSk_Zn3ag==&ch=KdcwmGh-_VQfpEVNCBWlJsrXEZVKWiev6_PIesEDoYfcr1IzKZqbVA==> <http://r20.rs6.net/tn.jsp?f=001FhCx9Rj2N0sOq0QqPazQpGS8MK39qHXRqzm3fvFxc9PAx2_NLMRUwrwhr1hsex2PostEiPrnvA7QHOHCNxQDzmP1-Ydf4H2oPEX1sE5WZPPDTtxIqk80AsdBnR2JhutaImRjFKjNz7eJTjqhdTXNCvXVYMSUgg1foDjL0hvkmqt8pWH9t_jTMQ==&c=FQVWLTnDNd_OxLBM2p_ie8gvay-EB4aE587xHXHmaBUNZmSk_Zn3ag==&ch=KdcwmGh-_VQfpEVNCBWlJsrXEZVKWiev6_PIesEDoYfcr1IzKZqbVA==> <http://r20.rs6.net/tn.jsp?f=001FhCx9Rj2N0sOq0QqPazQpGS8MK39qHXRqzm3fvFxc9PAx2_NLMRUwrwhr1hsex2PostEiPrnvA7QHOHCNxQDzmP1-Ydf4H2oPEX1sE5WZPPDTtxIqk80AsdBnR2JhutaImRjFKjNz7eJTjqhdTXNCvXVYMSUgg1foDjL0hvkmqt8pWH9t_jTMQ==&c=FQVWLTnDNd_OxLBM2p_ie8gvay-EB4aE587xHXHmaBUNZmSk_Zn3ag==&ch=KdcwmGh-_VQfpEVNCBWlJsrXEZVKWiev6_PIesEDoYfcr1IzKZqbVA==>

Saturday, November 12, 6-9pm

The caterer, "Lester's Roadside BBQ," is

all set: Texas Sliced BeefBrisket, North

Carolina Pulled Pork, Pulled Chicken,

Coleslaw, Rice & Pinto Beans, Collards,

plus liquid refreshment!

Lester says, "There's only one way to

cook real Southern Barbecue...Low and

Slow. Slow cooking at low temperatures

for long periods of time keeps the meat

moist, tender and full of natural flavor."

Am I trying to entice you to come? YES!

A printed catalog is available...just request one on the website.

Detailed directions are on the website.

If you wish to leave an absentee bid, or bid by telephone, contact the auctioneer,

Wayne Tuiskula (MA License #2591)

www.centralmassauctions.com <http://r20.rs6.net/tn.jsp?f=001FhCx9Rj2N0sOq0QqPazQpGS8MK39qHXRqzm3fvFxc9PAx2_NLMRUwmOqp_jU3ukUJj1w1SE0kfelCUtC6TNF0aa5HVO2kSTYB00vZBy-BsbHbJsxoW96a5VMVe4uhl_y-p0YfrT9iwYWrhyGuhbIOtboftg3v79pYY6K87Y_X8cQjqvvV4dGqg==&c=FQVWLTnDNd_OxLBM2p_ie8gvay-EB4aE587xHXHmaBUNZmSk_Zn3ag==&ch=KdcwmGh-_VQfpEVNCBWlJsrXEZVKWiev6_PIesEDoYfcr1IzKZqbVA==>

info@... - 508-612-6111

Again, please check out the website - www.terreyauction.com <http://r20.rs6.net/tn.jsp?f=001FhCx9Rj2N0sOq0QqPazQpGS8MK39qHXRqzm3fvFxc9PAx2_NLMRUwrwhr1hsex2PostEiPrnvA7QHOHCNxQDzmP1-Ydf4H2oPEX1sE5WZPPDTtxIqk80AsdBnR2JhutaImRjFKjNz7eJTjqhdTXNCvXVYMSUgg1foDjL0hvkmqt8pWH9t_

jTMQ==&c=FQVWLTnDNd_OxLBM2p_ie8gvay-EB4aE587xHXHmaBUNZmSk_Zn3ag==&ch=KdcwmGh-_VQfpEVNCBWlJsrXEZVKWiev6_PIesEDoYfcr1IzKZqbVA==> - and plan to come to The Barn, Carlisle, MA, November 12 and 13, 2016.

Happy Collecting,

John Terrrey

<http://r20.rs6.net/tn.jsp?f=001FhCx9Rj2N0sOq0QqPazQpGS8MK39qHXRqzm3fvFxc9PAx2_NLMRUwrwhr1hsex2PostEiPrnvA7QHOHCNxQDzmP1-Ydf4H2oPEX1sE5WZPPDTtxIqk80AsdBnR2JhutaImRjFKjNz7eJTjqhdTXNCvXVYMSUgg1foDjL0hvkmqt8pWH9t_jTMQ==&c=FQVWLTnDNd_OxLBM2p_ie8gvay-EB4aE587xHXHmaBUNZmSk_Zn3ag==&ch=KdcwmGh-_VQfpEVNCBWlJsrXEZVKWiev6_PIesEDoYfcr1IzKZqbVA==> www.terreyauction.com

<mailto:info@...> info@...

_____

<https://imgssl.constantcontact.com/letters/images/sys/S.gif>

John Terrey - The Barn, 498 Cross Street, Carlisle, MA 01741

<https://visitor.constantcontact.com/do?p=un&m=001DEnjMbkmS6JnsDjpYXCkPg%3D%3D&ch=583d6da0-8436-11e6-8734-d4ae5292c973&ca=cfe44cf7-0c95-4eb7-8dcf-1a317dab5a97> SafeUnsubscribe™ n4fs@...

<http://ui.constantcontact.com/sa/fwtf.jsp?llr=sgwty5eab&m=1104839039186&ea=n4fs%40eozinc.com&a=1126320810044> Forward this email | <https://visitor.constantcontact.com/do?p=oo&m=001DEnjMbkmS6JnsDjpYXCkPg%3D%3D&ch=583d6da0-8436-11e6-8734-d4ae5292c973&ca=cfe44cf7-0c95-4eb7-8dcf-1a317dab5a97> Update Profile | <http://www.constantcontact.com/legal/service-provider?cc=about-service-provider> About our service provider

Sent by <mailto:arc@antiqueradio.com> arc@... in collaboration with

<http://www.constantcontact.com/index.jsp?cc=TEM_BusLet_002> Constant Contact

<http://www.constantcontact.com/index.jsp?cc=TEM_BusLet_002> Try it free today

<https://imgssl.constantcontact.com/letters/images/sys/S.gif>

14311. Terrey Auction of Vintage Radio - Session Two - November 13, 2016

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-04 23:56:47 UTC
From: Louis Vermond
Topic: 14311 Message: 14311
Attachments: 4 described; binary payloads are missing from this source WARC

TKS Mike...

Proxy bidding at:

https://www.proxibid.com/asp/Catalog.asp?aid=118980&p=1&sort=0#cnTb

Nice bits

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14312. RE: [AWA Group] Terrey Auction of Vintage Radio - Session Two - November 13, 2016

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-05 01:42:18 UTC
From: Mike Feher
Topic: 14311 Message: 14312
Attachments: 4 described; binary payloads are missing from this source WARC

Indeed, some are very nice. The first picture is an American Marconi Magnetic detector from about 1912. Not interested here as I have the original UK version. The second picture is a collection of coherers. I am interested in the top one which is French, the others are EI and common. The third photo is a Grebe CR-18 special which I have. And, the last is a homebrew spark TX, not much of a big deal in my opinion. Of course there are 300 lots and this is just a few of them. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Friday, November 04, 2016 7:57 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Terrey Auction of Vintage Radio - Session Two - November 13, 2016

☐

TKS Mike...

Proxy bidding at:

<https://www.proxibid.com/asp/Catalog.asp?aid=118980&p=1&sort=0#cnTb>
https://www.proxibid.com/asp/Catalog.asp?aid=118980&p=1&sort=0#cnTb

Nice bits

<https://www.avast.com/antivirus> Avast logo

This email has been checked for viruses by Avast antivirus software.
www.avast.com <https://www.avast.com/antivirus>

14313. L&K 4B39

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-05 15:58:02 UTC
From: Rj Mattson
Topic: 14313 Message: 14313

I have this NOS 4B39 4 pin rectifier by Lewis & Kaufman.
Cannot find any information on Frank's.
Need fil, piv and currents.
Maybe trade with a needy collector would be nice too?
Regards,
bob...w2ami x wn2ami 1962

14314. The Last Longfellow

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-05 23:28:48 UTC
From: dulmagedon@...
Topic: 14314 Message: 14314

This Longfellow thing maybe got out of hand. The first worked so well I built the Pigmy and it is up and running on 80M. But all along I was working on a VFO controlled one for 20M. The P is triode connected and GG but easily reverseable of need be. That basic idea came from appor man's linear in the early 40s (QST) that used four 6l6 tubes in that manner. On this rig I used a voltage doubler to push the 25L6 tubes a lot harder. Today I finished the tank circuit and checked it on the GDO. tunes above and below the 20m band and is shunt fed. VFO is slug tuned. I have been pokng away on this one doing only a bit at a time. Soon there will nothing left to do and it will be put up or shut up time. This one is a colpitts and I have not done much with that circuit ever so I am hoping I figured it right.
don VE3LYX
40 longfellow 7050kcs
80M pigmy longfellow 3579.5 kcs
They are always on if I am in the shack.

14315. Upcoming 630m Crossband Night - Saturday, Nov 12th

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-06 04:01:12 UTC
From: Steve
Topic: 14314 Message: 14315

I know there are several folks on this list that are interested in 630m band actvities. Some of you may even be planning to get on 630 when it becomes a ham band in the U.S. Here in Canada, we've had the band for a couple of years now and regular 'crossband' QSO events have allowed interested amateurs in North America to explore the band's potential by working the 630m Canadians.

The next 'crossband evening' will be one week from tonight, on Saturday, November 12th.

As in previous events, the participating Canadian CW stations will be calling CQ on specific allocated frequencies and will be listening on their announced HF (QSX) frequencies, within the 160, 80 and 40m bands.
In past crossband nights, transcontinental CW QSO's have been completed as have contacts between the west coast and Hawaii.

The popularity of this event has continued to increase each year as more and more amateurs become interested in this part of the spectrum (472 - 479 kHz). Hopefully this trend will continue next weekend and that you will consider taking part in the one night event.

As in the past, numerous U.S. 'experimental' stations will be active on the band, either running CW beacons or seeking two-way QSO's with other stations in the experimental service. As well, some may be operating WSPR or JT9 modes. All are interested in your reception reports and most of the experimental callsigns can be found via a QRZ.com lookup.

The Maritime Radio Historical Society are also promising activity, as KSM / KPH in Bolinas, California will be activated for the night, sending weather notices, press bulletins and possibly engaging in two-way work with historical naval ships involved with the MHRS.

All told, there will be six different participating Canadian stations that will cover most regions of the continent, should propagation co-operate!

More information as well as a detailed schedule of times and frequencies may be found here:

http://ve7sl.blogspot.ca/2016/10/novembers-630m-activity-cw-crossband.html

As well, if you have not participated previously, you will find some useful hints to help you out.

Details were previously released on both the ARRL and RAC 'news' pages, here:

http://www.arrl.org/news/630-meter-special-event-set-for-mid-november

and here:

http://wp.rac.ca/

I will also post a reminder next Friday, one day before the event. I would also ask and encourage you to pass this information forward within your blogs / Facebook / Twitter pages as well so that as many amateurs as possible are aware of the activity. Please e-mail me if you have any questions and we all hope to see as many participants as possible next Saturday night!

73,

Steve / VE7SL

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

14316. 5-watt-QRP-CW-Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-06 15:21:42 UTC
From: Louis Vermond
Topic: 14316 Message: 14316

http://www.ebay.com/itm/NS-40-40M-5-watt-QRP-CW-Transmitter-None-Simpler-Class-E-IRF510-Classic-/252623006774?hash=item3ad1812c36:g:boEAAOSwo4pYDBIk

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14317. RE: [AWA Group] 5-watt-QRP-CW-Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-06 15:41:46 UTC
From: Mike Feher
Topic: 14316 Message: 14317

Back in '65, in my first quarter at college while living in a dorm, I built a solid state transceiver. I believe it covered 80, 40 and 20 CW and probably did not put out more than about 10 watts. The pair of output transistors were expensive Germanium TO-3 types and did last for a short while. I did make numerous CW QSO's with it running a piece of wire out of my dorm window. The good old days. - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, November 06, 2016 10:22 AM
To: AWAGroup
Subject: [AWA Group] 5-watt-QRP-CW-Transmitter

http://www.ebay.com/itm/NS-40-40M-5-watt-QRP-CW-Transmitter-None-Simpler-Class-E-IRF510-Classic-/252623006774?hash=item3ad1812c36:g:boEAAOSwo4pYDBIk

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<https://www.avast.com/antivirus> Avast logo

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www.avast.com <https://www.avast.com/antivirus>

14318. Re: [AWA Group] 5-watt-QRP-CW-Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-07 02:02:20 UTC
From: Louis Vermond
Topic: 14316 Message: 14318
Attachments: 1 described; binary payloads are missing from this source WARC

Back in '65, in my first quarter at college while living in a dorm, I built a solid state transceiver. I believe it covered 80, 40 and 20 CW and probably did not put out more than about 10 watts. The pair of output transistors were expensive Germanium TO-3 types and did last for a short while. I did make numerous CW QSO's with it running a piece of wire out of my dorm window. The good old days. - 73 - Mike

TKS Mike...

My first station - 1969

Except for the Twoer and headphones, everything, including 80 dipole, was on loan from VE3AB (sk).

What is the model number of this Hallicrafters RX?

33 Days

This email has been checked for viruses by Avast antivirus software.
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14319. RE: [AWA Group] 5-watt-QRP-CW-Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-07 02:07:14 UTC
From: Mike Feher
Topic: 14316 Message: 14319
Attachments: 1 described; binary payloads are missing from this source WARC

I wish I would have taken photos of my early radios which were all home brew. TX/RX both. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, November 06, 2016 9:02 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] 5-watt-QRP-CW-Transmitter

Back in '65, in my first quarter at college while living in a dorm, I built a solid state transceiver. I believe it covered 80, 40 and 20 CW and probably did not put out more than about 10 watts. The pair of output transistors were expensive Germanium TO-3 types and did last for a short while. I did make numerous CW QSO's with it running a piece of wire out of my dorm window. The good old days. - 73 - Mike

TKS Mike...

My first station - 1969

Except for the Twoer and headphones, everything, including 80 dipole, was on loan from VE3AB (sk).

What is the model number of this Hallicrafters RX?

33 Days

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www.avast.com <https://www.avast.com/antivirus>

14320. Re: [AWA Group] 5-watt-QRP-CW-Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-07 02:26:55 UTC
From: Louis Vermond
Topic: 14316 Message: 14320
Attachments: 1 described; binary payloads are missing from this source WARC

I wish I would have taken photos of my early radios which were all home brew. TX/RX both

My second stn consisted of an Eddystone 750 and this...

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14321. Re: The Last Longfellow

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-07 03:17:19 UTC
From: dulmagedon@...
Topic: 14314 Message: 14321
Attachments: 2 described; binary payloads are missing from this source WARC

Smoke test passed. Now the hard work begins to make sure it is on freq and clean.
Is making RF and voltages look good so we shall see.
donVe3LX

14322. Re: [AWA Group] 5-watt-QRP-CW-Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-07 03:27:41 UTC
From: Garey Barrell
Topic: 14316 Message: 14322

Mike -

Looks like a Hallicrafters SX-76 !

Garey - K4OAH
Rome, GA

> On Nov 6, 2016, at 9:07 PM, 'Mike Feher' n4fs@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
>
>
> I wish I would have taken photos of my early radios which were all home brew. TX/RX both. 73 – Mike
>
> Mike B. Feher, N4FS
> 89 Arnold Blvd.
> Howell, NJ, 07731
> 848-245-9115
>
> From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> Sent: Sunday, November 06, 2016 9:02 PM
> To: AWAGroup@yahoogroups.com
> Subject: Re: [AWA Group] 5-watt-QRP-CW-Transmitter
>
>
> Back in ’65, in my first quarter at college while living in a dorm, I built a solid state transceiver. I believe it covered 80, 40 and 20 CW and probably did not put out more than about 10 watts. The pair of output transistors were expensive Germanium TO-3 types and did last for a short while. I did make numerous CW QSO’s with it running a piece of wire out of my dorm window. The good old days. – 73 – Mike
>
> TKS Mike...
> My first station - 1969
> Except for the Twoer and headphones, everything, including 80 dipole, was on loan from VE3AB (sk).
> <image001.jpg>
> What is the model number of this Hallicrafters RX?
> 33 Days
>
>
>
>
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> www.avast.com
>

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>
>
>

14323. Re: [AWA Group] 5-watt-QRP-CW-Transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-07 09:36:51 UTC
From: Louis Vermond
Topic: 14316 Message: 14323
Attachments: 1 described; binary payloads are missing from this source WARC

That's it, Garey. TKS, Lou

Looks like a Hallicrafters SX-76 !

Garey - K4OAH
Rome, GA

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https://www.avast.com/antivirus

14324. Re: Upcoming 630m Crossband Night - Saturday, Nov 12th

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-08 12:00:29 UTC
From: dulmagedon@...
Topic: 14314 Message: 14324

SAQrx VLF Receiver - SM6LKM https://sites.google.com/site/sm6lkm/saqrx/

https://sites.google.com/site/sm6lkm/saqrx/

SAQrx VLF Receiver - SM6LKM https://sites.google.com/site/sm6lkm/saqrx/ SAQrx is a soundcard based USB (Upper SideBand) receiver covering 0-22 kHz. The filter bandwidth is selectable in three steps, 300, 1000 and 2400 Hz.

View on sites.google.com https://sites.google.com/site/sm6lkm/saqrx/
Preview by Yahoo

Speaking of VLF I have been playing with this for a couple of years as it doeas a lot more then just SAQ . . Two diodes and a wire antenna and you computers sound card. Great for an intro to VLF and various versions available.

Unlike my VLF regen it is not bothered by the local AM radio station.
don

14325. Re: [AWA Group] Re: Upcoming 630m Crossband Night - Saturday, Nov 12th

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-08 20:22:02 UTC
From: Larry Szendrei
Topic: 14314 Message: 14325

Yep! I've got it on several of my machines and have played with it.
Never tried to receive SAQ with it, though - no gumption to get up early
enough to catch SAQ (although my usual time to get up is 0530 local, any
earlier is a real chore).

73,
-Larry/NE1S

On 11/8/16 7:00 AM, dulmagedon@... [AWAGroup] wrote:
>
> SAQrx VLF Receiver - SM6LKM <https://sites.google.com/site/sm6lkm/saqrx/>
>
>
>
>
> image <https://sites.google.com/site/sm6lkm/saqrx/>
>
>
> SAQrx VLF Receiver - SM6LKM <https://sites.google.com/site/sm6lkm/saqrx/>
> SAQrx is a soundcard based USB (Upper SideBand) receiver covering 0-22
> kHz. The filter bandwidth is selectable in three steps, 300, 1000 and
> 2400 Hz.
>
> View on sites.google.com <https://sites.google.com/site/sm6lkm/saqrx/>
>
> Preview by Yahoo
>
> Speaking of VLF I have been playing with this for a couple of years
> as it doeas a lot more then just SAQ . . Two diodes and a wire antenna
> and you computers sound card. Great for an intro to VLF and various
> versions available.
>
> Unlike my VLF regen it is not bothered by the local AM radio station.
> don
>
> --

14326. New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-09 05:26:42 UTC
From: James Sweeden
Topic: 7747 Message: 14326

Hello all. Just joined the group so would like to introduce myself. Have have be a ham for about 25 years getting my license later in life than most but from the time I saw my first crystal set as a child have been fascinated with radio. I love building so seem to end up doing that more that I get on the air. I am working on correcting that but it's not easy! I was reading the NAQCC November newsletter the other day and an article by NW2K about the Bruce Kelly QSO Party caught my eye and I thought, Wow that sounds like fun. So here I go again. This group was also mentioned in the article which lead to my asking to join, thanks for having me. NW2K e-mailed me some info on building a 1929 style Hartley transmitter as well as a power supply. The transmitter is for the 80 meter band and uses a type 27 tube. Don't really have an antenna for 80 so would like to build it for 40. Will that tube allow me to do that or would another type be a better choice? Whatever type I use it will need to be ordered as no swap meets between now and December. Any recommendations for where to purchase?

I have had a few older rigs over the years, an ART-13 and Heathkit Apache. Currently I have an Eico 751 that I would like to get working and on the air. Picked it up at a swap meet years ago for my son to use while learning CW. It had quite a bit of VFO drift at the time but has not been powered up for 10 to 15 years so may have other problem now as well. If I remember right the VFO is solid state with just about everything else being tubes. Need to get it out of the shed and check it out.

Well that's probably more than you ever wanted to know about me. Thanks for reading and I look forward to being a part of the group.

James KB7LJP

14327. Re: New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-09 10:32:10 UTC
From: dulmagedon@...
Topic: 7747 Message: 14327

Welcome James! Be careful. This Antique ham stuff is very addictive. The BK is more fun than one can imagine.
DonVE3LYX

14328. Longfellows cont'

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-09 11:03:39 UTC
From: dulmagedon@...
Topic: 14328 Message: 14328
Attachments: 1 described; binary payloads are missing from this source WARC

The Pigmy longfellow has been in QSO and getting decent signal reports. The rest of the tubes finally came (yesterday)and I had to retune the final tank due to the additional tube capacity. After a few adjustments I warmed it up and called CQ. immediate answer. VE3DCX again. This is not the first time he has replied to a new rig. It uses the tiny crystals and I have only a 3579.5 and a 3575.5 so i need to find some more.
The other 20M longfellow project does not appear to be my best idea so I am redoing it as a five 6l6EH GG AMP like the 1940 QST article.
Anyway I will be active with these two rascals for a bit.
Maybe we need a longfellow event since several of you have versions built.

donVE3LYX

14329. Re: [AWA Group] New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-09 18:04:09 UTC
From: Larry Szendrei
Topic: 7747 Message: 14329

Welcome to the group James! See comments below.

> Hello all. Just joined the group so would like to introduce myself.
> Have have be a ham for about 25 years getting my license later in life
> than most but from the time I saw my first crystal set as a child have
> been fascinated with radio.
>
Me too. I learned to solder at age 6 or 7, and was building working regenerative receivers (but not good ones) when I was 9 or 10. I built my first working superhets in high school. I'm taking from spare parts, not from kits.

> I love building so seem to end up doing
> that more that I get on the air.
>
That describes me as well. I still manage to get on the air several times a week, though.

> I am working on correcting that but
> it's not easy! I was reading the NAQCC November newsletter the other
> day and an article by NW2K about the Bruce Kelly QSO Party caught my eye
> and I thought, Wow that sounds like fun.
>
It really is fun. You'll love it and be amazed that you can communicate with just a handful of parts.

> So here I go again. This
> group was also mentioned in the article which lead to my asking to join,
> thanks for having me. NW2K e-mailed me some info on building a 1929
> style Hartley transmitter as well as a power supply. The transmitter is
> for the 80 meter band and uses a type 27 tube. Don't really have an
> antenna for 80 so would like to build it for 40. Will that tube allow
> me to do that or would another type be a better choice?
>
A 27 will oscillate on 40M; no problem. You'll be doing well to get a watt of RF to the antenna, but you'll make contacts.

> Whatever type I
> use it will need to be ordered as no swap meets between now and
> December. Any recommendations for where to purchase?
>
Try http://www.esrcvacuumtubes.com/
I've bought tubes from them before and have always been a happy customer. I just look on their price list and it says an ST '27 will cost you $10 and a globe-style runs $14. No connection with ESRC and other disclaimers apply ;-)

>
> I have had a few older rigs over the years, an ART-13 and Heathkit
> Apache. Currently I have an Eico 751 that I would like to get working
> and on the air. Picked it up at a swap meet years ago for my son to use
> while learning CW. It had quite a bit of VFO drift at the time but has
> not been powered up for 10 to 15 years so may have other problem now as
> well. If I remember right the VFO is solid state with just about
> everything else being tubes. Need to get it out of the shed and check
> it out.
>
Not very familiar with the Eico so I can't comment.

>
> Well that's probably more than you ever wanted to know about me. Thanks
> for reading and I look forward to being a part of the group.
>
I look forward to reading your posts, James.

73.
-Larry/NE1S
>
>
>
>

14330. MSN Net Tonight

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-09 22:15:26 UTC
From: Louis Vermond
Topic: 14330 Message: 14330
Attachments: 1 described; binary payloads are missing from this source WARC

Maple Syrup Net

Tonight 8PM 3843Kc.
All modes welcomed
-.-. ..-

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https://www.avast.com/antivirus

14331. Re: MSN Net Tonight

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-10 01:53:35 UTC
From: dulmagedon@...
Topic: 14330 Message: 14331

must have missed y'all.
donVE3LYX

14332. Re: [AWA Group] Re: MSN Net Tonight

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-10 02:56:53 UTC
From: N3IBX
Topic: 14330 Message: 14332

Hello Don,
? ? ? ? ? ? ? ? The QRM was real bad and there was a QSO in progress on 3.843KC. ?We all got on 3.838KC and held court there for a good 30 minutes or so.?
?Sorry I missed you,
Joe N3IBX

PS: In attendance tonight:
KC1ATR
VE3AWA
W1UJR
N3IBX
?
?
On 11/09/16, dulmagedon@yahoo.ca [AWAGroup] wrote:

?

must have missed y'all.
donVE3LYX

14333. Re: [AWA Group] Re: MSN Net Tonight

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-10 10:58:12 UTC
From: Don Dulmage
Topic: 14330 Message: 14333

yes I heard those fellows. They are always there nd are a kinda ruf crowd.
catch you next time ,
donVe3LYX

On Wed, 11/9/16, N3IBX N3IBX@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Re: MSN Net Tonight
To: AWAGroup@yahoogroups.com
Received: Wednesday, November 9, 2016, 9:56 PM

Hello Don,
        The QRM was real bad and there was a QSO in
progress on 3.843KC. We all got on 3.838KC and held court
there for a good 30 minutes or so.   Sorry I missed
you, Joe
N3IBX
PS: In
attendance
tonight:KC1ATRVE3AWAW1UJRN3IBX On
11/09/16, dulmagedon@...
[AWAGroup]<AWAGroup@yahoogroups.com>
wrote:
  must have
missed y'all.
donVE3LYX

14334. Re: [AWA Group] Re: MSN Net Tonight

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-10 15:36:03 UTC
From: Roger Kuchera
Topic: 14330 Message: 14334

What is that device in front of the RX? One of those pendulum keys?
Roger/K1TG

On Thursday, November 10, 2016 5:58 AM, "Don Dulmage dulmagedon@yahoo.ca [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

yes I heard those fellows. They are always there nd are a kinda ruf crowd.
catch you next time ,
donVe3LYX

On Wed, 11/9/16, N3IBX N3IBX@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Re: MSN Net Tonight
To: AWAGroup@yahoogroups.com
Received: Wednesday, November 9, 2016, 9:56 PM

Hello Don,
The QRM was real bad and there was a QSO in progress on 3.843KC. We all got on 3.838KC and held court there for a good 30 minutes or so. Sorry I missed you, Joe
N3IBX
PS: In attendance tonight:KC1ATRVE3AWAW1UJRN3IBX On 11/09/16, dulmagedon@... [AWAGroup]<AWAGroup@yahoogroups.com> wrote:
must have missed y'all.
donVE3LYX

14335. Re: [AWA Group] Re: MSN Net Tonight

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-10 16:58:28 UTC
From: dulmagedon@...
Topic: 14330 Message: 14335

Do U mean in front of the gate dip osc? (L'il GDO) . The brownish rediish thing? That is a meno code practice buzzer and key. I got it in a deal. Signal Electrics I think in the mid west USA made it.
donVe3LYX

14336. Re: [AWA Group] Re: MSN Net Tonight

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-10 18:11:20 UTC
From: dulmagedon@...
Topic: 14330 Message: 14336

BTW , Tomorrow is Remembrance Day here in Canada. (11th hour of the 11th day of the 11th month). I intend to operate all my WW2 stuff . Arc5 160M , Arc5 80M 3805 if open. Otherwise close by. No 19 on 40M 7270. And the spy adapter set 7052 or 7030. Hopefully all before 11 AM . Any mode reply welcome. I will be using CW and AM. scheds will also work.
donVE3LYX

14337. Re: New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-10 19:35:36 UTC
From: JAMES HANLON
Topic: 7747 Message: 14337

James,

First off, welcome to the group.

The Eico 751 is the power supply for the Eico 753 tri-band transceiver. I still have a 753 that I put on the air, mobile, back in the 1970's. It has the solid-state vfo, and yes it was rather drifty especially when I was running the heater in the car. It's not the best of rigs, you might be better off to put your effort into something a bit better like a Heath HW-100, HW-101, or SB-100. If you would like my 753 for spare parts I'd be happy to send it to you if you pay for the shipping.

73,

Jim Hanlon, W8KGI

14338. New Member & Eico 753

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-10 20:29:03 UTC
From: Louis Vermond
Topic: 14338 Message: 14338
Attachments: 1 described; binary payloads are missing from this source WARC

Was know in Canada as the, Seven Drifty Three.

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https://www.avast.com/antivirus

14339. Lubricating National Type A velvet vernier?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-11 02:50:18 UTC
From: aflowers@frontiernet.net
Topic: 14339 Message: 14339

I have a Velvet vernier that isn't quite as "velvet" as it should be. I'd like to try getting a little lubrication in there to see if it smooths out a little, but I wonder if anyone has some advice about the best way to do this?
This is the old Type-A that one found int the National Browning Drake "Regenaformer" kits along with the DX capacitors in the mid 20's.
Thanks!
Andy K0SM/2

14340. Re: [AWA Group] Re: New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-11 05:05:37 UTC
From: James Sweeden
Topic: 7747 Message: 14340

You are correct, it is a 753. I grabbed the manual off the shelf to include the model number in my post and didn't notice that I had the power supply book in place of the transceiver. I was thinking it would be interesting to see if I could connect a DDS VFO to eliminate the drift but haven't gotten to it yet. Maybe that was why they were almost giving it away at the swap meet! Let me get back to you about shipping the parts unit. It is very tempting as I believe my unit is missing some of the shielding inside.

Thank you and 73,

James/KB7LJP

> The Eico 751 is the power supply for the Eico 753 tri-band
> transceiver. I still have a 753 that I put on the air, mobile, back
> in the 1970's. It has the solid-state vfo, and yes it was rather
> drifty especially when I was running the heater in the car. It's not
> the best of rigs, you might be better off to put your effort into
> something a bit better like a Heath HW-100, HW-101, or SB-100. If you
> would like my 753 for spare parts I'd be happy to send it to you if
> you pay for the shipping.
>

14341. Re: Pretty Signal Shifter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-11 15:04:37 UTC
From: Niel - W0VLZ
Topic: 14341 Message: 14341

I want to comment on the color....I have the same model from about 1940 (see https://www.prismnet.com/~nielw/shack_tours/wa5vlz_jan88.htm) and the color surprised me. I expect everything from that era to be black but that model of MSS is light brown. I've always wondered about it but from inspection it looked original. Good to see confirmation.

My photo is from my AWA 1988 Linc Cundall effort. On 80 and 40 the MMS doubles in the final, fortunately the 1/2 "harmonic" of the AWA contest frequencies fall in the 160 and 80 mtr bands. I need to blow out the dust, add a little more output filtering and try it out again in January LC.

With mine if the QSO is short you hardly notice the drift but Meissner offered an external "Signal Spotter" crystal adapter. Are any of these out there looking for a new home?

73,
Niel - W0VLZ

> David Stinson via BoatAnchors wrote:
> Very pretty Signal Shifter.
> Photos at:
>
> https://goo.gl/photos/xtLepKrZwKSnk5Cb7
>
> <snip>
>
> 73 Dave S.

14342. Upcoming 630m Crossband Night - Saturday, Nov 12th

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-11 17:34:58 UTC
From: Steve
Topic: 14314 Message: 14342

This is a reminder of tomorrow's '630m activity night'. Highlights of the evening will see six different Canadian stations seeking contacts with other amateurs in North America via the 'crossband mode' as they call CQ on 630m CW but listen for replies on their announced (QSX) HF frequency. As well, there will be an increased level of on-air activity from many of the U.S. experimental stations, as they beacon or work each other on various modes including CW and JT9, the WSPR QSO-mode. The experimental stations are also seeking your reception reports.

More information may be found here regarding the activity night, including a detailed list of participating Canadians along with their respective transmitting and QSX HF listening frequencies.

http://ve7sl.blogspot.ca/2016/10/novembers-630m-activity-cw-crossband.html

As is often the case, old 'Sol is threatening to throw some junk our way over the next day or two, right on time for our event but please don't let that stop you from participating as often this can actually enhance propagation, especially on the north-south path.

We hope to see many of you tomorrow night!

73 Steve VE7SL

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

14343. Does anyone want?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-12 01:02:58 UTC
From: Louis Vermond
Topic: 14343 Message: 14343
Attachments: 1 described; binary payloads are missing from this source WARC

FREE 1936 Handbook

No covers, but binding is good. Clean, no musty smell and complete.

It will cost about $17 US to ship.

Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14344. Re: Does anyone want?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-12 01:06:01 UTC
From: Louis Vermond
Topic: 14343 Message: 14344

I do... WOW...quick.

Ur adr? Lou

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https://www.avast.com/antivirus

14345. Re: Upcoming 630m Crossband Night - Saturday, Nov 12th

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-13 10:13:39 UTC
From: dulmagedon@...
Topic: 14314 Message: 14345

Heard some on the 450s . recorded two of them
donVe3LYX

14346. Re: [AWA Group] Upcoming 630m Crossband Night - Saturday, Nov 12th

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-13 11:32:45 UTC
From: N1BUG
Topic: 14314 Message: 14346

Worked VO1NA and VE3OT cross-band 630m/80m. VO1NA peaked 579, VE3OT 589. Could not hear any VE7's before my body gave up and I had to quit.

Heard several of the US experimental stations. Best distance WG2XIQ peaking 549 at 1725 miles. Best signal WD2XSH/46, 599+10 at 609 miles.

Rx antenna: Beverages ranging in length from 550 to 700 feet.

Posted recordings of VO1NA,. VE3OT, WG2XIQ to AudioBoom. A search for my callsign there should find them (I think).

73,
Paul/Bugsy

14347. Re: Upcoming 630m Crossband Night - Saturday, Nov 12th

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-13 11:58:04 UTC
From: dulmagedon@...
Topic: 14314 Message: 14347

MY HB LF receiver only goes to 450+. I can change it to probably around 480 easily and recalibrte the dial. I also used the beverage ant as it likes it a whole lot better. (No broadcast interference) My regen has a pair of 6v6 tubes. I am leaving the 6v6 audio amp but going to a conventional dual triode ahead of it. Probably a 6sl7. This sethashad so many mods it aint pretty. However tis interesting.
donVe3LYX

14348. Re: [AWA Group] Upcoming 630m Crossband Night - Saturday, Nov 12th

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-13 12:10:57 UTC
From: N1BUG
Topic: 14314 Message: 14348

A hastily written short blog post with links to recordings:

http://blog.n1bug.com/2016/11/13/630m-crossband-night-2016/

73,
Bugs

14349. 1942 Collins HF station. + 01a BK Hartley project

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-15 11:02:02 UTC
From: dulmagedon@...
Topic: 14349 Message: 14349

While my focus at the moment is being sure I am ready for the BK I managed to score a Collins Hf station . The RX is at the post office today and the TX is enroute to my sisters in NYS. I should be good on 160M 80M and 40m plus the in betweeners should I be able to get them running.
I bought them in memory of my Dad who was in the 50s and 60s a radio design engineer for Collins Radio (Canadian Division) Since he also was Chief eng for PYE Canada I have that covered with my No 19 WS set.

He was thrilled when I bought it even though he was then 90 years old. I remember him saying in his hoarse voice, "now you finally have a real radio". I think he would approve of the TCS station.

I built another BK rig and have been rubbing on it here and there in the last week or so. Not totally happy with how it sounds. Have tried several things but haven't found the "magic screw" yet. it is useable but I hope to improve it some. I have played with Grid leak values both C and R . Different coil taps . Split or direct cathode connection. I might just be too close to the montor RX but I hope to improve it. Time is closing in. It is a 40M rig. 01A. It looks good which worries me.

donVe3LYX

14350. Re: [AWA Group] Re: New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-15 15:26:10 UTC
From: Roger Kuchera
Topic: 7747 Message: 14350

Welcome aboard James. Pleased to meet you!
Roger/K1TG

On Friday, November 11, 2016 12:05 AM, "James Sweeden kb7ljp@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv1084817765 #yiv1084817765 .yiv1084817765ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv1084817765 div.yiv1084817765ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv1084817765 div.yiv1084817765photo-title a, #yiv1084817765 div.yiv1084817765photo-title a:active, #yiv1084817765 div.yiv1084817765photo-title a:hover, #yiv1084817765 div.yiv1084817765photo-title a:visited {text-decoration:none;}#yiv1084817765 div.yiv1084817765attach-table div.yiv1084817765attach-row {clear:both;}#yiv1084817765 div.yiv1084817765attach-table div.yiv1084817765attach-row div {float:left;}#yiv1084817765 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv1084817765 div.yiv1084817765ygrp-file {width:30px;}#yiv1084817765 div.yiv1084817765attach-table div.yiv1084817765attach-row div div a {text-decoration:none;}#yiv1084817765 div.yiv1084817765attach-table div.yiv1084817765attach-row div div span {font-weight:normal;}#yiv1084817765 div.yiv1084817765ygrp-file-title {font-weight:bold;}#yiv1084817765 -->

You are correct, it is a 753. I grabbed the manual off the shelf to include the model number in my post and didn't notice that I had the power supply book in place of the transceiver. I was thinking it would be interesting to see if I could connect a DDS VFO to eliminate the drift but haven't gotten to it yet. Maybe that was why they were almost giving it away at the swap meet! Let me get back to you about shipping the parts unit. It is very tempting as I believe my unit is missing some of the shielding inside. Thank you and 73, James/KB7LJP

The Eico 751 is the power supply for the Eico 753 tri-band transceiver. I still have a 753 that I put on the air, mobile, back in the 1970's. It has the solid-state vfo, and yes it was rather drifty especially when I was running the heater in the car. It's not the best of rigs, you might be better off to put your effort into something a bit better like a Heath HW-100, HW-101, or SB-100. If you would like my 753 for spare parts I'd be happy to send it to you if you pay for the shipping.

14351. Re: 1942 Collins HF station. + 01a BK Hartley project

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-16 13:24:25 UTC
From: dulmagedon@...
Topic: 14349 Message: 14351

Sorting thru the TCS rx today. Have most of it figured out I think. I see a separate screens pin. Reminds me of sorting hru my ARC5 stuff. ONe bum tube found (open heater) and a bad power switch which doesn't actually handle anything inside the radio anyway but I replaced it anyway. Now all I need is a PT boat to go with it!
donVe3LYX

14352. French Coherer Set -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-17 02:05:17 UTC
From: Mike Feher
Topic: 14352 Message: 14352
Attachments: 2 described; binary payloads are missing from this source WARC

As requested, here are some high res photos of my new addition. These photos were from John Terrey's web site. I'll send some photos of the other items I purchased as well. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

14353. Re: [AWA Group] French Coherer Set -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-17 03:12:18 UTC
From: N3IBX
Topic: 14352 Message: 14353

Mike,
? ? ? ? ?Utterly fantastic!!! Many thanks for the pictures and good talking to you on the "MSN" tonight.
?Joe N3IBX?
?
?
On 11/16/16, 'Mike Feher' n4fs@... [AWAGroup] wrote:
?
?

As requested, here are some high res photos of my new addition. These photos were from John Terrey’s web site. I’ll send some photos of the other items I purchased as well. 73 – Mike
?
Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
848-245-9115
?

14354. Re: [AWA Group] French Coherer Set -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-18 02:41:54 UTC
From: Larry Szendrei
Topic: 14352 Message: 14354

Thanks, Mike.

A real museum piece, for sure.

A see the bell also resets the coherer, but what's the electromechanical device on the left - a relay?

73,
-Larry/NE1S

On 11/16/16 9:05 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:
>
> As requested, here are some high res photos of my new addition. These
> photos were from John Terrey?s web site. I?ll send some photos of the
> other items I purchased as well. 73 ? Mike
>

14355. RE: [AWA Group] French Coherer Set -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-18 13:15:19 UTC
From: Mike Feher
Topic: 14352 Message: 14355

Larry -

Yes, it is a relay. The coherer, even in the low resistance state when RF is present still cannot handle much current, so, a high resistance relay is used with it. The relay then in turn rings the bell and at the same time decohers the coherer. Later, more sophisticated coherer receivers would also have RF chokes in them as the spark created within the bell was enough at times to coher the coherer. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, November 17, 2016 9:42 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] French Coherer Set -

Thanks, Mike.

A real museum piece, for sure.

A see the bell also resets the coherer, but what's the electromechanical device on the left - a relay?

73,
-Larry/NE1S

On 11/16/16 9:05 PM, 'Mike Feher' n4fs@... [AWAGroup] wrote:

As requested, here are some high res photos of my new addition. These photos were from John Terrey's web site. I'll send some photos of the other items I purchased as well. 73 - Mike

14356. eBay Alert ..... 71 cent rig!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-18 22:31:30 UTC
From: Louis Vermond
Topic: 14356 Message: 14356

http://www.ebay.com/itm/Pastime-Projects-40M-6L6-CW-Transmitter-/222318476990?hash=item33c336bebe:g:3yAAAOSwux5YLnzF

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https://www.avast.com/antivirus

14357. Re: Longfellows cont'

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-19 16:28:42 UTC
From: dulmagedon@...
Topic: 14328 Message: 14357

I have to say these longfellows are doing a great job I have had more hits on the RBN (2 last night) with the 25l6 one then I have had ever total before. The 80M one also is logging contacts. Wish I had built a 01A longellow.
I almost always have it (40M one) on of I am in the shack working. As you can imagine I am more then pleased with the results. Being rock bound and late 1930s no good for the BK but \for the \lc should do the job.
donVe3LYX

14358. RFC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-20 18:10:23 UTC
From: James Sweeden
Topic: 14358 Message: 14358
Attachments: 1 described; binary payloads are missing from this source WARC

Hi, new guy here. Have been gathering parts to build a rig for the BK QSO Party using information from VE7LS's site about a TNT Hartley. He wound his own RFC but to save time now I would like to use something I already have and wind my own later. I have attached a picture of some options I have, does it look like anything here would work? Item 'D' is a 250MH but also have them in 800MH. Item 'C' is not labeled but is a coil wound on some type of core and glued inside a cardboard tube. Cant tell if the core is plastic or some other type of material but is not adjustable.

I received the parts for a modern power supply (solid state) and found one of the filter caps had a nice dent in the side of it. Looks like the power transformer mounting ear gave it a good wack during transit. Is it safe to use or should I ask for a replacement?

Lots of other questions but to keep this from becoming a book will ask them later.

Thank you for any help you can give.

73,

James/KB7LJP

14359. Re: [AWA Group] RFC [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-20 18:54:32 UTC
From: STEVE MCDONALD
Topic: 14358 Message: 14359

James - I'm not sure what you are using to measure your RF chokes but it looks like it may be out by a factor of '100'.

RFC A and D are 2.5mH chokes so I imagine that your '800mH' choke is probably an 8.0mH.

When I made the homebrew chokes for the TNT and other rigs, I was surprised at how low they measured...just a few 100uH. It seems that not a lot of choking is needed in many of these circuits!

You can use the 2.5mH chokes with no problems at all and if you need to wind one on wood, they will also work just fine.

Good luck with your project and I'm looking forward to having some more 'west coast' company in the BK next month.

Steve VE7SL 73

From: "James Sweeden kb7ljp@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Sunday, November 20, 2016 10:10:23 AM
Subject: [AWA Group] RFC [1 Attachment]

Hi, new guy here. Have been gathering parts to build a rig for the BK QSO Party using information from VE7LS's site about a TNT Hartley. He wound his own RFC but to save time now I would like to use something I already have and wind my own later. I have attached a picture of some options I have, does it look like anything here would work? Item 'D' is a 250MH but also have them in 800MH. Item 'C' is not labeled but is a coil wound on some type of core and glued inside a cardboard tube. Cant tell if the core is plastic or some other type of material but is not adjustable.

I received the parts for a modern power supply (solid state) and found one of the filter caps had a nice dent in the side of it. Looks like the power transformer mounting ear gave it a good wack during transit. Is it safe to use or should I ask for a replacement?

Lots of other questions but to keep this from becoming a book will ask them later.

Thank you for any help you can give.

73,

James/KB7LJP

Yahoo Groups Links

14360. Re: [AWA Group] RFC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-20 19:07:34 UTC
From: STEVE MCDONALD
Topic: 14358 Message: 14360

ooops...that should read "RFC 'A' and 'E' "

From: "STEVE MCDONALD ve7sl@shaw.ca [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@...m
Sent: Sunday, November 20, 2016 10:54:32 AM
Subject: Re: [AWA Group] RFC

James - I'm not sure what you are using to measure your RF chokes but it looks like it may be out by a factor of '100'.

RFC A and D are 2.5mH chokes so I imagine that your '800mH' choke is probably an 8.0mH.

When I made the homebrew chokes for the TNT and other rigs, I was surprised at how low they measured...just a few 100uH. It seems that not a lot of choking is needed in many of these circuits!

You can use the 2.5mH chokes with no problems at all and if you need to wind one on wood, they will also work just fine.

Good luck with your project and I'm looking forward to having some more 'west coast' company in the BK next month.

Steve VE7SL 73

From: "James Sweeden kb7ljp@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Sunday, November 20, 2016 10:10:23 AM
Subject: [AWA Group] RFC [1 Attachment]

Hi, new guy here. Have been gathering parts to build a rig for the BK QSO Party using information from VE7LS's site about a TNT Hartley. He wound his own RFC but to save time now I would like to use something I already have and wind my own later. I have attached a picture of some options I have, does it look like anything here would work? Item 'D' is a 250MH but also have them in 800MH. Item 'C' is not labeled but is a coil wound on some type of core and glued inside a cardboard tube. Cant tell if the core is plastic or some other type of material but is not adjustable.

I received the parts for a modern power supply (solid state) and found one of the filter caps had a nice dent in the side of it. Looks like the power transformer mounting ear gave it a good wack during transit. Is it safe to use or should I ask for a replacement?

Lots of other questions but to keep this from becoming a book will ask them later.

Thank you for any help you can give.

73,

James/KB7LJP

Yahoo Groups Links

14361. RE: [AWA Group] RFC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-20 21:37:27 UTC
From: Steve Flood
Topic: 14358 Message: 14361

I ran across one source (either Grammer or Terman, I think?) suggesting that the plate choke only need be about ten times the inductance of the tank coil. To be even more effective, the supply side of the plate choke should be bypassed with .001 - .02 uF, although we do not see this bypassing often on the earlier circuits.

Steve KK7UV

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https://www.avast.com/antivirus

14362. Re: [AWA Group] RFC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-20 22:06:07 UTC
From: Louis Vermond
Topic: 14358 Message: 14362

I ran across one source (either Grammer or Terman, I think?) suggesting that the plate choke only need be about ten times the inductance of the tank coil.
Helpful. Tks Steve.

To be even more effective, the supply side of the plate choke should be bypassed with .001 - .02 uF.....
I did this with the cap cold side going to an earth ground. Had no effect on the signal tone quality or any other aspect.
Of course, that was but one instance.

73, Lou
VE3AWA

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14363. Re: [AWA Group] RFC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-20 23:32:30 UTC
From: STEVE MCDONALD
Topic: 14358 Message: 14363

>To be even more effective, the supply side of the plate choke should be bypassed with .001 - .02 uF, although we do not see this bypassing often on the earlier circuits.

I wonder when this became popular? When building my Tri-Tet single 6L6 oscillator using a 40m crystal, I was only interested in 10m output. The Handbook circuit I was following was from 1934 and it was a 80/40m tri-tet circuit. There was no bypass at this point but when adding one, my 10m output jumped from ~ 2 W to 4.5 watts... a very worthwhile improvement.

Steve VE7SL 73

14364. Re: [AWA Group] RFC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-21 00:14:51 UTC
From: Louis Vermond
Topic: 14358 Message: 14364

The next 10 mtr. TNT I build will have that bypass!

>To be even more effective, the supply side of the plate choke should be bypassed with .001 - .02 uF, although we do not see this bypassing often on the earlier circuits.

I wonder when this became popular? When building my Tri-Tet single 6L6 oscillator using a 40m crystal, I was only interested in 10m output. The Handbook circuit I was following was from 1934 and it was a 80/40m tri-tet circuit. There was no bypass at this point but when adding one, my 10m output jumped from ~ 2 W to 4.5 watts... a very worthwhile improvement.

Steve VE7SL 73

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https://www.avast.com/antivirus

14365. Re: [AWA Group] RFC [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-21 00:27:09 UTC
From: Larry Szendrei
Topic: 14358 Message: 14365

Hi James, and welcome!

I see you've received some answers on the RFC question, which which I concur, but no one answered your question about the banged-up electrolytic capacitor.

If it has a dent in it I wouldn't trust it. Electrolytics rely on on a very thin electrolytically-grown (go figure!) dielectric film, and as I see it it could be easily compromised due to mechanical damage. I'd ask for a replacement.

73,
-Larry/NE1S

On 11/20/16 1:10 PM, James Sweeden kb7ljp@... [AWAGroup] wrote:
>
> Hi, new guy here. Have been gathering parts to build a rig for the BK
> QSO Party using information from VE7LS's site about a TNT Hartley. He
> wound his own RFC but to save time now I would like to use something I
> already have and wind my own later. I have attached a picture of some
> options I have, does it look like anything here would work? Item 'D' is
> a 250MH but also have them in 800MH. Item 'C' is not labeled but is a
> coil wound on some type of core and glued inside a cardboard tube. Cant
> tell if the core is plastic or some other type of material but is not
> adjustable.
>
> I received the parts for a modern power supply (solid state) and found
> one of the filter caps had a nice dent in the side of it. Looks like the
> power transformer mounting ear gave it a good wack during transit. Is
> it safe to use or should I ask for a replacement?
>
> Lots of other questions but to keep this from becoming a book will ask
> them later.
>
> Thank you for any help you can give.
>
> 73,
>
> James/KB7LJP.
>
>
>

14366. Re: [AWA Group] RFC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-21 00:44:07 UTC
From: STEVE MCDONALD
Topic: 14358 Message: 14366

>The next 10 mtr. TNT I build will have that bypass!

I'm sure it will.

14367. New toy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-21 01:47:23 UTC
From: dulmagedon@...
Topic: 14367 Message: 14367
Attachments: 1 described; binary payloads are missing from this source WARC

I bought this ol blister from Florida as part of my Collins project in Dad's memory. This one was in tough shape ad not Collins factory built although definately their design.. More then once I wondered if I had done something stupid. Cut wires, burnt parts, 2 bum tubes were slowly fixed and unhooked wires were reattached hoping it was the right spot. Finally yesterday afternoon it coughed to life. Little by little I have been getting it a bit better. Now it is usable although the BFO is not working. I chased the circuit for continuity and that was OK. Still works well on AM and I spent the evening listening to some 160M stuff. It is very low noise compared to my other rxs. I am taking a break now as I am expecting the TX a Collins built TCS 12 to arrive this week. I sure hope it is in better shape then this one was. I have to go to my sister's to get it. I feel a visit to Cracker Barrel coming!

Meanwhile I am working on my last BK build. It works but is raspy. I haven't figured it out yet so was watching the bypass the RFC thread with interest.
Don VE3LYX

14368. Re: [AWA Group] RFC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-21 04:41:07 UTC
From: James Sweeden
Topic: 14358 Message: 14368

Thanks for the information. I have not tried to measure them yet but think I could do that with my MFJ -259B. Just grabbed some chokes from the junk box to see if anything I had might work. Item D is labeled Aladdin, 64-256-1, 250MH 20%, 512-026559, 6211. I will give A or E a try for now to get things working then wind my own later. I have sure enjoyed you web site!

73,

James/KB7LJP

On 20-Nov-16 10:54 AM, STEVE MCDONALD ve7sl@... [AWAGroup] wrote:
> James - I'm not sure what you are using to measure your RF chokes but
> it looks like it may be out by a factor of '100'.
>
> RFC A and D are 2.5mH chokes so I imagine that your '800mH' choke is
> probably an 8.0mH.
>
> When I made the homebrew chokes for the TNT and other rigs, I was
> surprised at how low they measured...just a few 100uH. It seems that
> not a lot of choking is needed in many of these circuits!
>
> You can use the 2.5mH chokes with no problems at all and if you need
> to wind one on wood, they will also work just fine.
>
> Good luck with your project and I'm looking forward to having some
> more 'west coast' company in the BK next month.
>
>

14369. Re: [AWA Group] RFC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-21 04:43:07 UTC
From: James Sweeden
Topic: 14358 Message: 14369

Good to know, thanks.

73,

James/KB7LJP

On 20-Nov-16 1:37 PM, 'Steve Flood' kk7uv@... [AWAGroup] wrote:
>
> I ran across one source (either Grammer or Terman, I think?)
> suggesting that the plate choke only need be about ten times the
> inductance of the tank coil. To be even more effective, the supply
> side of the plate choke should be bypassed with .001 - .02 uF,
> although we do not see this bypassing often on the earlier circuits.
>
>
>
>

14370. Re: [AWA Group] RFC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-21 04:46:27 UTC
From: James Sweeden
Topic: 14358 Message: 14370

I was kind of thinking that might be the case but thought I would ask.
Thanks you for addressing that question!

73,

James/KB7LJP

On 20-Nov-16 4:27 PM, Larry Szendrei ne1s@... [AWAGroup] wrote:
>
> Hi James, and welcome!
>
> I see you've received some answers on the RFC question, which which I
> concur, but no one answered your question about the banged-up
> electrolytic capacitor.
>
> If it has a dent in it I wouldn't trust it. Electrolytics rely on on a
> very thin electrolytically-grown (go figure!) dielectric film, and as
> I see it it could be easily compromised due to mechanical damage. I'd
> ask for a replacement.
>

14371. RE: [AWA Group] RFC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-21 04:58:50 UTC
From: Mike Feher
Topic: 14358 Message: 14371

James –

I do not believe that the MFJ-259B is capable of measuring inductors in the mH range. It may be capable to measure up to around a 100 uH. 73 – Mike .

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, November 20, 2016 11:41 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] RFC

Thanks for the information. I have not tried to measure them yet but think I could do that with my MFJ -259B. Just grabbed some chokes from the junk box to see if anything I had might work. Item D is labeled Aladdin, 64-256-1, 250MH 20%, 512-026559, 6211. I will give A or E a try for now to get things working then wind my own later. I have sure enjoyed you web site!

73,

James/KB7LJP

On 20-Nov-16 10:54 AM, STEVE MCDONALD ve7sl@... [AWAGroup] wrote:

James - I'm not sure what you are using to measure your RF chokes but it looks like it may be out by a factor of '100'.

RFC A and D are 2.5mH chokes so I imagine that your '800mH' choke is probably an 8.0mH.

When I made the homebrew chokes for the TNT and other rigs, I was surprised at how low they measured...just a few 100uH. It seems that not a lot of choking is needed in many of these circuits!

You can use the 2.5mH chokes with no problems at all and if you need to wind one on wood, they will also work just fine.

Good luck with your project and I'm looking forward to having some more 'west coast' company in the BK next month.

14372. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-21 05:20:35 UTC
From: Louis Vermond
Topic: 130 Message: 14372

http://www.ebay.com/itm/Weston-1-Amp-Full-Scale-RF-Ammeter-Transmitter/252638916062?_trksid=p2047675.c100011.m1850&_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D39107%26meid%3D9b00cc615c8a48178c3f58c9b60a7817%26pid%3D100011%26rk%3D6%26rkt%3D12%26sd%3D222318476990

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https://www.avast.com/antivirus

14373. Re: RFC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-21 14:14:23 UTC
From: kk7uv@...
Topic: 14358 Message: 14373

I found the source of the recommendation for an RFC being "ten times as much inductance as the tank coil?

RCA Radio Course. Study Group 15. Electronic Fundamentals. Theory Lesson 30. Oscillators. Section 30-3. Hartley Oscillator.
Page 11

14374. Re: RFC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-21 16:52:27 UTC
From: dulmagedon@...
Topic: 14358 Message: 14374

So in light of this discussion I had a "what if" moment and drug out my last hartley I referred to earlier. I rewound the RFC more like I would use on a larger transmittter raising the turns count substantially . I reinstalled it a guess what.? Cured. Wind as many turns as you think will work then double it That is my new advice. I am on 3602 if anyone feels lucky.
donVe3LYX

14375. Re: [AWA Group] Re: RFC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-21 17:15:22 UTC
From: Eric NO3M
Topic: 14358 Message: 14375

Speaking of RFCs......

The homebrew solenoid RFC in the plate tank of my 203A 160M MOPA caught fire a couple weeks back. Luckily, it extinguished when no further RF was produced. The fuel was polyurethane. Not really considering the potential future problem, I smeared the stuff over the entire RFC including the end terminals when I probably should have only coated the windings.

I switched it around assuming the "cold" end would be under no RF stress. That worked for a while, but last night while in a QSO with a VE6, it lit up again at the same spot which is at the "cold" end. I guess it is resonant where it shouldn't be, perhaps at a harmonic. It is wound on a 1/2 in. dowel in three sections, approx 800uH if I remember correctly, so plenty of reactance at 160M (tank coil is around 80-100uH).

The cold end is bypassed w/ .004uF mica. Another indication that there is RF bleeding through is when B+ is turned off, 203A cathode grounded (via center tap), and 866 filaments lit, the mercury vapor rectifiers dimly light up when the preceding stages are keyed.

Probably going to rewind a new one with more care in applying the lacquer and more rigorous testing to ensure no harmonic resonances.

Strange that the one installed worked for a long time. This failure seems to coincide with a 203A tube swap... not sure exactly how that might factor in to it or just coincidence.

14376. Re: [AWA Group] Re: RFC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-21 17:32:56 UTC
From: N1BUG
Topic: 14358 Message: 14376

Interesting, Eric.

Years ago I grabbed an old burned open 300 watt vitreous wirewound resistor to use as a form for a choke in a high power HF amplifier. I was able to get all the resistance wire and outer coating off so I had a nice clean white ceramic form to wind a choke on. Well it was clean on the outside. Inside it was painted or coated with some blue substance. I didn't think that would hurt anything.

The amp acted strange and when I investigated I found that as soon as I hit it with RF the inside of that form the choke was wound on lit up bright enough to make my eyelids snap shut! What I observed in that brief instant reminded me more of super bright corona than an arc. With considerable time spent I was able to clean out the internal coating. The choke worked OK after that.

More recently I blew up a choke that had a series resonance too close to a ham band. It had worked for a while but I knew the amp wasn't loading quite right on that band and that the choke was responsible. My mistake was assuming that what worked OK for a while would keep working OK.

These things get interesting when you get to higher power levels!

73,
Paul

On 11/21/2016 12:15 PM, Eric NO3M no3m@... [AWAGroup] wrote:
> Speaking of RFCs......
>
> The homebrew solenoid RFC in the plate tank of my 203A 160M MOPA caught
> fire a couple weeks back. Luckily, it extinguished when no further RF
> was produced. The fuel was polyurethane. Not really considering the
> potential future problem, I smeared the stuff over the entire RFC
> including the end terminals when I probably should have only coated the
> windings.
>
> I switched it around assuming the "cold" end would be under no RF
> stress. That worked for a while, but last night while in a QSO with a
> VE6, it lit up again at the same spot which is at the "cold" end. I
> guess it is resonant where it shouldn't be, perhaps at a harmonic. It
> is wound on a 1/2 in. dowel in three sections, approx 800uH if I
> remember correctly, so plenty of reactance at 160M (tank coil is around
> 80-100uH).
>
> The cold end is bypassed w/ .004uF mica. Another indication that there

> is RF bleeding through is when B+ is turned off, 203A cathode grounded
> (via center tap), and 866 filaments lit, the mercury vapor rectifiers
> dimly light up when the preceding stages are keyed.
>
> Probably going to rewind a new one with more care in applying the
> lacquer and more rigorous testing to ensure no harmonic resonances.
>
> Strange that the one installed worked for a long time. This failure
> seems to coincide with a 203A tube swap... not sure exactly how that
> might factor in to it or just coincidence.

14377. Re: [AWA Group] Re: RFC

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-21 19:47:18 UTC
From: dulmagedon@...
Topic: 14358 Message: 14377

The most trouble I ever had was when I made the RFC for my twin 811A linear. The trouble is as much as a pain these problems can be it is also when I learn the most.
When I built the Weskit style transceiver I used a single HD hb RFC from the transmitter for the Regen as well since it was right there. That regen works very well and now I wonder if that is partly why.
Anyway the new hartley is ready and waiting.
donVe3LYX

14378. Re: Maple Syrup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-23 12:41:36 UTC
From: N3IBX
Topic: 14378 Message: 14378

?Technical accumen, dedication, and duty to the MSN. I'm proud of you guy';s!
Joe N3IBX?
?
?
?
On 11/23/16, Louis Vermond wrote:
?

Maple Syrup Net?Tonight!
?
N3IBX at thecontrols
?
8PM???3843Kc.? ?Damped?WavesWelcomed??
?
Jim, VE3BHK/VA3AWA, getting readyto be on hand.

(https://www.avast.com/antivirus)

This email has been checked for viruses by Avast antivirus software.
www.avast.com (https://www.avast.com/antivirus)

14379. Gas demonstration in old tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-23 19:11:38 UTC
From: aflowers@frontiernet.net
Topic: 14379 Message: 14379

A while back I tested an old 211 on the AWA's big-bottle tester at the museum. It had a nice pink glow with about 500V on the plate, and I understand this is pretty common with the old metal-plate transmitting tubes due to outgassing of all that scaffolding over the years. It looked pretty cool and might make for a nice physics demonstration.
So I have a physics question before I try this in my basement: do I need to apply filament voltage see the ionized gas, or can I just and look for the pink haze by bringing up the plate voltage only? I would think that the gas would ionize regardless of the filament being lit and might be easier to see in tubes with bright filaments if lit, but maybe you do need to accelerate some of those free electrons to get aurora-in-a-bottle. I was thinking I could essentially tie the grid and plate together like a simply emission tester, but just not apply the filament. These would be thoriated tungsten or pure tungsten elements, so I'm not too worried about stripping any coatings by running the plate with low- or no filament current.
Thanks,
Andy K0SM/2

14380. Re: [AWA Group] Gas demonstration in old tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-23 22:26:41 UTC
From: Larry Szendrei
Topic: 14379 Message: 14380

Andy, I think you should light the filament to get some free electrons floating around to enhance the probability of an ionizing collision, which is necessary to "strike" the plasma. Otherwise, you may need to apply such a high voltage to ignite a plasma that it could damage the filament, grid, or plate structures. (Ask yourself why a mercury vapor rectifier would need a filament.)

In another life I had been a process engineer for several plasma processes.

73,
-Larry/NE1S

On 11/23/16 2:11 PM, 'aflowers@...' aflowers@...
[AWAGroup] wrote:
> A while back I tested an old 211 on the AWA's big-bottle tester at the
> museum. It had a nice pink glow with about 500V on the plate, and I
> understand this is pretty common with the old metal-plate transmitting
> tubes due to outgassing of all that scaffolding over the years. It
> looked pretty cool and might make for a nice physics demonstration.
>
> So I have a physics question before I try this in my basement: do I
> need to apply filament voltage see the ionized gas, or can I just and
> look for the pink haze by bringing up the plate voltage only? I would
> think that the gas would ionize regardless of the filament being lit
> and might be easier to see in tubes with bright filaments if lit, but
> maybe you do need to accelerate some of those free electrons to get
> aurora-in-a-bottle. I was thinking I could essentially tie the grid
> and plate together like a simply emission tester, but just not apply
> the filament. These would be thoriated tungsten or pure tungsten
> elements, so I'm not too worried about stripping any coatings by
> running the plate with low- or no filament current.
>
> Thanks,
>
> Andy K0SM/2
>

14381. Pilot Wasp

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-24 02:18:44 UTC
From: Mike Feher
Topic: 14381 Message: 14381
Attachments: 3 described; binary payloads are missing from this source WARC

Joe & the Group –

Joe asked about my acquisition, but I thought I would share it with all. I purchased this from John Dilks about a month ago. As usual, as of yet I have not played with it. Hope everyone has a great Thanksgiving. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

14382. Turkey Day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-24 02:42:40 UTC
From: Steve
Topic: 14381 Message: 14382

Happy Thanksgivng to all of my American friends!

Steve 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

14383. RE: [AWA Group] Turkey Day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-24 02:56:44 UTC
From: Mike Feher
Topic: 14381 Message: 14383

Thanks Steve – 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, November 23, 2016 9:43 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Turkey Day

Happy Thanksgivng to all of my American friends!

Steve 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

14384. Re: [AWA Group] Pilot Wasp

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-24 14:26:25 UTC
From: N3IBX
Topic: 14381 Message: 14384

Hello Mike,
? ? ? ? ? ? ? ? ? Many thanks for sending me the pics and the QST article on your Pilot "Wasp". The example you got from John Dilks, K2TQN looks superb and hope you get lots of enjoyment out of it.?

Thanks again and a Happy Thanksgiving to you and the entire group.

Joe Cro N3IBX ?
?
?
On 11/23/16, 'Mike Feher' n4fs@... [AWAGroup] wrote:
?
?

Joe & the Group –
?
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?
Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
848-245-9115
?

14385. Re: [AWA Group] Turkey Day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-24 15:53:38 UTC
From: George
Topic: 14381 Message: 14385

Thanks Steve,
Be looking for you in a few weeks--always a thrill to log VE7 during BK.
73, George N3GJ

> On Nov 23, 2016, at 9:42 PM, 'Steve' ve7sl@shaw.ca [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> Happy Thanksgivng to all of my American friends!
>
> Steve 73
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
> VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
> http://ve7sl.blogspot.ca/
>
>

14386. Re: [AWA Group] Turkey Day

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-24 18:25:29 UTC
From: Steve
Topic: 14381 Message: 14386

>Be looking for you in a few weeks--always a thrill to log VE7 during BK.
73, George N3GJ

FB George...hard to believe that it's almost BK time once again...both good
and bad ;-)(

Steve 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

14387. Re: [AWA Group] Pilot Wasp

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-25 18:27:36 UTC
From: Tim Haake
Topic: 14381 Message: 14387

Mike, Joe
I recently purchased a pair of SUPER WASP receivers from John. One is complete and the other was incomplete. I understand the Wasps were basically a kit since the Pilot Company was mainly a parts supplier to the builders at the time. Hope to get the completed one working son.
I bought what was advertised as a "Wasp" off of ebay but when I got it it was not a Wasp. There was a hand drawn schematic inside with scribble on it mentioning the "wasp" radio but it seems whom ever built it did not use the schematic at all.
John is a real nice guy and I love the radio. It should go well with my breadboard transmitter
Tim

From: "N3IBX N3IBX@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Thursday, November 24, 2016 8:26 AM
Subject: Re: [AWA Group] Pilot Wasp

  Hello Mike,   Many thanks for sending me the pics and the QST article on your Pilot "Wasp". The example you got from John Dilks, K2TQN looks superb and hope you get lots of enjoyment out of it.
Thanks again and a Happy Thanksgiving to you and the entire group.
Joe Cro N3IBX   On 11/23/16, 'Mike Feher' n4fs@... [AWAGroup]<AWAGroup@yahoogroups.com> wrote: Joe & the Group – Joe asked about my acquisition, but I thought I would share it with all. I purchased this from John Dilks about a month ago. As usual, as of yet I have not played with it. Hope everyone has a great Thanksgiving. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731848-245-9115

14388. Re: Re: [AWA Group] Pilot Wasp

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-25 23:58:49 UTC
From: N3IBX
Topic: 14381 Message: 14388

Hello Tim,
? ? ? ? ? ? ? ?Do you have a picture of the Pilot Wasp rx #2 you mentioned? I'd love to see what it looks like and think other members would as well.

Very best regards,
Joe Cro N3IBX?
?
?
On 11/25/16, Tim Haake dubtub88@... [AWAGroup] wrote:
?
?

Mike, Joe

I recently purchased a pair of SUPER WASP receivers from John. ?One is complete and the other was incomplete. ?I understand the Wasps were basically a kit since the Pilot Company was mainly a parts supplier to the builders at the time. ?Hope to get the completed one working son.

I bought what was advertised as a "Wasp" off of ebay but when I got it it was not a Wasp. ?There was a hand drawn schematic inside with scribble on it mentioning the "wasp" radio but it seems whom ever built it did not use the schematic at all.

John is a real nice guy and I love the radio. It should go well with my breadboard transmitter

Tim

From: "N3IBX N3IBX@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Thursday, November 24, 2016 8:26 AM
Subject: Re: [AWA Group] Pilot Wasp

?

Hello Mike,
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Joe Cro N3IBX ?
?
?
On 11/23/16, 'Mike Feher' n4fs@... [AWAGroup]<AWAGroup@yahoogroups.com> wrote:
?
?

Joe & the Group –
?
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Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
848-245-9115
?

14389. Interesting find

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-28 19:50:31 UTC
From: K3PID
Topic: 14389 Message: 14389

I was looking over (and thru) an S-39 that I purchased at an auction and I came across a 5 page instruction set plus schematic and pictorial wiring diagram for a Philmore 1 tube code oscillator kit model CO-206. The schematic and the wiring diagram are both “approved” by R Burke, 5-5-55. It uses a 12AX7 or 12AT7 with half wired as the rectifier and the other half as the oscillator. The schematic shows a three wire resistance power cord but the wiring diagram shows a two wire cord with a 350 Ohm resistor for the filament. The instructions give the option of using a 10,000 Ohm potentiometer in the cathode keying circuit to provide a variable tone... Maybe this winter when the snow is real deep and the BK is over, I might build it for fun...

Ron K3PID

14390. Hartley Pwr Supply

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-29 03:56:27 UTC
From: James Sweeden
Topic: 14390 Message: 14390
Attachments: 1 described; binary payloads are missing from this source WARC

Hello all. I put together a power supply for a TNT Hartley using a 71A and have attached a picture as I am looking for feedback concerning safety. As you see it is constructed on a piece of plywood but plan to put it into an enclosure once it has been tested and no further modifications are needed. It uses a LR8N3 3-terminal regulator with a TIP50 as a pass transistor. I placed a 3.5K pot in series with one of the resistors to make the B+ adjustable (100VDC - 250VDC) and mounted it to the front panel but am wondering if that is a safe way to to that Am I risking placing HV on the front panel should a part fail? I have connected the panel to earth ground so am thinking the fuse would blow should that happen but thought I would ask to see what you think. Also wanted to know if I should also connect the ground plane of the HV board to earth ground as well.

Thanks for your input, 73

James/KB7LJP

14391. Re: [AWA Group] Hartley Pwr Supply

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-29 05:00:35 UTC
From: Louis Vermond
Topic: 14390 Message: 14391
Attachments: 1 described; binary payloads are missing from this source WARC

Good evening, James.

I'll let others here answer your questions, but will jump in to say that you do "clean" work. VRY FB...

Looking forward to working you in 11 days / 18 hours.

GN, Lou

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https://www.avast.com/antivirus

14392. Re: Re: [AWA Group] Hartley Pwr Supply

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-29 11:44:29 UTC
From: N3IBX
Topic: 14390 Message: 14392

Lou,
? ? ? ? I think I must have missed the original post for it, but whoever built the PS in the pic you forwarded did a "HI HI FBOM" job of it! Nice,neat, and clean.I assume that one of the transformers is rated at 7.5V for the filaments and the other at ???? for the B+, probably in the neighborhood of 300v-400v.?

I'd like to see other examples of his handiwork like the RF deck he is going to use with it if you have a pic to show.?

Just my "two cents worth" on a job well done for the person who did it.?

Very best regards,
Joe Cro N3IBX?
?
?
On 11/29/16, 'Louis Vermond' ve3awa@... [AWAGroup] wrote:
?
?

□
?
Good evening, James.
?
I'll let others here answer your questions, but will jump in to say that you do "clean" work.? VRY FB...
?
Looking forward to working you in 11 days / 18 hours.
?
GN, Lou
?

(https://www.avast.com/antivirus)

This email has been checked for viruses by Avast antivirus software.
www.avast.com (https://www.avast.com/antivirus)

14393. Re: Hartley Pwr Supply

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-29 13:48:30 UTC
From: w0vlz@...
Topic: 14390 Message: 14393

James, nice job on the power supply. Fall must be power supply time. I've recently pulled an old PS project of mine off the shelf to complete....see
http://w0vlz.blogspot.com/search/label/Power%20Supply
http://w0vlz.blogspot.com/search/label/Power%20Supply .

Three things you may have already thought of that I do -

- Insure that your fuse is connected in the hot side of the AC line

- Ground everything that may be exposed. Normally this is taken care of by the metal chassis but you and I are using a wood chassis so separate ground lines to transformer shells and PC board ground planes are needed.

- If your transmitter does not require floating B- connect it also to AC earth ground.

btw, what are you using for a B+ transformer? Sources for HV parts are getting harder to find.

73,
Niel - W0VLZ

14394. Re: Hartley Pwr Supply

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-29 13:50:44 UTC
From: kk7uv@...
Topic: 14390 Message: 14394

Hi James. I'm using the same regulator and pass transistor setup in a power supply here. According to a Texas Instr. data sheet the failure mode on the regulator is typically a short or open on the in/out terminals. They mention nothing about the ADJ pin in failure mode. My hunch is you are unlikely to see any HV on the ADJ leg or on the adjustment pot. If your pot is at the ground end and the panel also grounded, you are likely safe. Your fused primary helps too. Like you, I'm interested in other opinions here.

Steve KK7UV

Steve KK7UV

14395. Re: [AWA Group] Hartley Pwr Supply

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-29 15:39:27 UTC
From: Larry Szendrei
Topic: 14390 Message: 14395

Joe, the original poster and builder of the supply (James/KB7LJP) said the Hartley used a 71A, which has a 5V filament, and that the supply is adjustable from 100 - 250V.

Missed you on the AWA topband net last night. We had a good group.

73,
-Larry/NE1S

On 11/29/16 6:44 AM, N3IBX N3IBX@... [AWAGroup] wrote:
> Lou,
> I think I must have missed the original post for it, but
> whoever built the PS in the pic you forwarded did a "HI HI FBOM" job
> of it! Nice,neat, and clean.I assume that one of the transformers is
> rated at 7.5V for the filaments and the other at ???? for the B+,
> probably in the neighborhood of 300v-400v.
>

14396. Re: Re: [AWA Group] Hartley Pwr Supply

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-29 16:41:01 UTC
From: N3IBX
Topic: 14390 Message: 14396

Hello Larry,
? ? ? ? ? ? ? ? ? I appreciate you bringing me up to speed on the power supply. From the looks of the "iron" on it I thought it might be a little lacking in voltages, and what you told me explains everything. I thought the pot on the front panel was probably there to adjust the A or B voltage.?

I did plan on joining the AWA ";Topband" Net last night, except my wife had what we call a "sugar crash". and I had to keep an eye on her. With a little orange juice and some sugar pills ingested all was well. She is a "hypoglycemic" and occasionally her blood sugar levels plummet to an unacceptable level. Unfortunately for the both of us at around 8PM last night she had one of her occurrences. Fortunately all was well afterwards.?

I do hope to be on the Net again in the near future. I'm glad a good time was had by all in attendance!

Mod-U-Later,
? ? ? ? ? ? ? ? ? ? Joe N3IBX
?
?
On 11/29/16, Larry Szendrei ne1s@... [AWAGroup] wrote:
?
?

Joe, the original poster and builder of the supply (James/KB7LJP) said the Hartley used a 71A, which has a 5V filament, and that the supply is adjustable from 100 - 250V.

Missed you on the AWA topband net last night. We had a good group.

73,
-Larry/NE1S

On 11/29/16 6:44 AM, N3IBX N3IBX@... [AWAGroup] wrote:

?

Lou,

? ? ? ? I think I must have missed the original post for it, but whoever built the PS in the pic you forwarded did a "HI HI FBOM" job of it! Nice,neat, and clean.I assume that one of the transformers is rated at 7.5V for the filaments and the other at ???? for the B+, probably in the neighborhood of 300v-400v.?

14397. Re: [AWA Group] Hartley Pwr Supply

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-30 03:27:53 UTC
From: James Sweeden
Topic: 14390 Message: 14397

Tnx. I have been working on the transmitter and hope to have it ready
for some testing by the end of the week. Glad to have a little more time!

73,

James/KB7LJP

On 28-Nov-16 9:00 PM, 'Louis Vermond' ve3awa@... [AWAGroup] wrote:
>
> Looking forward to working you in 11 days / 18 hours.
>

14398. Re: [AWA Group] Re: Hartley Pwr Supply

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-30 04:00:46 UTC
From: James Sweeden
Topic: 14390 Message: 14398

On 29-Nov-16 5:48 AM, w0vlz@... [AWAGroup] wrote:
>
> James, nice job on the power supply. Fall must be power supply time.
> I've recently pulled an old PS project of mine off the shelf to
> complete....see http://w0vlz.blogspot.com/search/label/Power%20Supply .
> Thanks, it is a good time of year for a project. I enjoyed seeing
> your PS and found your slat board design very interesting, may have to
> give that a try.
>
> Three things you may have already thought of that I do -
> - Insure that your fuse is connected in the hot side of the AC line
> I have that one covered.
>
> - Ground everything that may be exposed. Normally this is taken care
> of by the metal chassis but you and I are using a wood chassis so
> separate ground lines to transformer shells and PC board ground planes
> are needed.
> Good advice, I will do that.
>
> - If your transmitter does not require floating B- connect it also to
> AC earth ground.
> Will do that also.
>
> btw, what are you using for a B+ transformer? Sources for HV parts are
> getting harder to find.
> It as a unit from Mouser, P/N 553-VPS230-110, 230V CT output @ 0.11A.
> It has 4 windings, I have the primary windings in parallel and the
> secondary in series.
>
Thank you for the input.
73,
James/KB7LJP

14399. Re: Re: [AWA Group] Pilot Wasp

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-30 18:21:10 UTC
From: Tim Haake
Topic: 14381 Message: 14399

Joe,
I'll get a post off as soon as I got it working.
Tim

From: "N3IBX N3IBX@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Friday, November 25, 2016 5:58 PM
Subject: Re: Re: [AWA Group] Pilot Wasp

Hello Tim, Do you have a picture of the Pilot Wasp rx #2 you mentioned? I'd love to see what it looks like and think other members would as well.
Very best regards,Joe Cro N3IBX On 11/25/16, Tim Haake dubtub88@... [AWAGroup]<AWAGroup@yahoogroups.com> wrote: Mike, Joe
I recently purchased a pair of SUPER WASP receivers from John. One is complete and the other was incomplete. I understand the Wasps were basically a kit since the Pilot Company was mainly a parts supplier to the builders at the time. Hope to get the completed one working son.
I bought what was advertised as a "Wasp" off of ebay but when I got it it was not a Wasp. There was a hand drawn schematic inside with scribble on it mentioning the "wasp" radio but it seems whom ever built it did not use the schematic at all.
John is a real nice guy and I love the radio. It should go well with my breadboard transmitter
Tim

From: "N3IBX N3IBX@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Thursday, November 24, 2016 8:26 AM
Subject: Re: [AWA Group] Pilot Wasp

Hello Mike, Many thanks for sending me the pics and the QST article on your Pilot "Wasp". The example you got from John Dilks, K2TQN looks superb and hope you get lots of enjoyment out of it.
Thanks again and a Happy Thanksgiving to you and the entire group.
Joe Cro N3IBX On 11/23/16, 'Mike Feher' n4fs@... [AWAGroup]<AWAGroup@yahoogroups.com> wrote: Joe & the Group – Joe asked about my acquisition, but I thought I would share it with all. I purchased this from John Dilks about a month ago. As usual, as of yet I have not played with it. Hope everyone has a great Thanksgiving. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731848-245-9115

14400. Maple Syrup Net Tonight!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-11-30 22:04:42 UTC
From: Louis Vermond
Topic: 14400 Message: 14400
Attachments: 1 described; binary payloads are missing from this source WARC

Maple Syrup Net Tonight!

8PM 3843Kc. All Modes

With N3IBX at the helm

Tonights topic....

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14401. BK Preps

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-01 11:58:30 UTC
From: dulmagedon@...
Topic: 14401 Message: 14401

Been busy getting ready for the BK.
I reworked the last Hartley (01a)to my satisfaction. I did a hard rub on the regen I built with the 26 tubes during a demo and got it from the "it works" level to "it performs" and plan to use it a bit on 40M. Bought new batteries for it. Took the Dreipunkt German design(basically a Hartley) tx and gave it a good going over and a few minor modes. It has a special sound . I call it German CW. You'll hear it right away. Very distinct. It is on 80M in the 3500 to 3600s. I checked out the rat trap Hartley .Still works great so it is ready to go. Then I took my original 40m TNT which now sports a 10 tube and did a hard rub on it. I repositioned its riginal antenna coil for better coupling. Not too close to pull but close enough for good power. I was surprised I still had it as I had been using a cap take off on the coil. I also did a bit of by-passing which seemed to improve it noticebly. I hooked it to my ancient telegraph relay and hooked my hacksaw hb bug (dah completing) to it. many moons ago when I was first hm I had a heathkit electronic keyer (and still do) that I taught myself to use with my left hand. I figured I was too old for that now and so since getting back on CW the last few years I haven't tried it but this week while fooling around I tried doing it on the hb bug. Much to my surprise I can still do it. Now the hb bug is not for speed. It is just easier to use as it auto completes the dahs. It will have a distinct sound as I intened to use it on the TNT. And I will be sending left handed. (I believe non electronic bugs(ie viproplex etc) are allowed unless that rule has been changed.) I look forward to the event. 80M BTW has been open early mornings all week. And I do mean "OPEN!" not just open.

donVe3LYX

14402. Re: [AWA Group] BK Preps

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-01 16:44:43 UTC
From: Larry Szendrei
Topic: 14401 Message: 14402

On 12/1/16 6:58 AM, dulmagedon@... [AWAGroup] wrote:
> (I believe non electronic bugs(ie viproplex etc) are allowed unless
> that rule has been changed.)
Don, I am not aware of any restrictions on the type of key one can use in the BK or any other AWA CW contest. AFAIK you could use a solid-state electronic keyer or even a CW keyboard, but both of those would be silly for the BK.

73,
-Larry/NE1S

14403. Re: [AWA Group] BK Preps

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-01 20:24:55 UTC
From: dulmagedon@...
Topic: 14401 Message: 14403

Yes I couldn't sleep if I used modern stuff. But that how I am built. Anyway looking forward to the event.
donVe3LYX

14404. Re: [AWA Group] BK Preps

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-01 21:10:35 UTC
From: N1BUG
Topic: 14401 Message: 14404

> Don, I am not aware of any restrictions on the type of key one can
> use in the BK or any other AWA CW contest. AFAIK you could use a
> solid-state electronic keyer or even a CW keyboard, but both of
> those would be silly for the BK.

Starting this year I either use an iambic keyer or I don't operate.
If I learned anything last year while sadly under-performing as
W2ICE/1 and while recovering afterward it was that my days of using
a straight key are over. After several injuries and surgery, the arm
just isn't what it used to be.

Paul

14405. Re: [AWA Group] BK Preps

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-01 21:16:31 UTC
From: Steve
Topic: 14401 Message: 14405

>but both of those would be silly for the BK.

I've used my programmable keyer for years rather than pound out hundreds of CQ's by hand over the course of two weekends. It's lonely back here on the left coast.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

14406. BK Preps es Keyers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-01 21:43:11 UTC
From: Louis Vermond
Topic: 14406 Message: 14406

Ok, there is a need, but it is a bit counter...

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14407. Re: [AWA Group] BK Preps es Keyers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-01 21:46:12 UTC
From: Steve
Topic: 14406 Message: 14407

>Ok, there is a need, but it is a bit counter...

ur suggesting I should ice my arm for a week just to be in the spirit of '29...don't think so

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

14408. RE: [AWA Group] BK Preps es Keyers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-01 21:50:56 UTC
From: Mike Feher
Topic: 14406 Message: 14408

For regular CW QSOs I use a keyer. For the AWA events I always used a bug. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, December 01, 2016 4:46 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] BK Preps es Keyers

>Ok, there is a need, but it is a bit counter...

ur suggesting I should ice my arm for a week just to be in the spirit of
'29...don't think so

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

14409. Re: [AWA Group] BK Preps es Keyers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-01 23:33:07 UTC
From: Louis Vermond
Topic: 14406 Message: 14409
Attachments: 2 described; binary payloads are missing from this source WARC

For the AWA events I always used a bug.
Humph.... A bit more acceptable I suppose.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14410. ...to be in the spirit of '29

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-02 00:08:05 UTC
From: Louis Vermond
Topic: 14410 Message: 14410
Attachments: 1 described; binary payloads are missing from this source WARC

Awaiting the West Coast

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14411. No Restrictions on Keying

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-02 01:19:15 UTC
From: Whitebear1122
Topic: 14401 Message: 14411

There are no 1929 BK keying restrictions what-so-ever. You can use a key or a bug or even a car horn button :) It doesn’t matter which one you use, just be there with it :)

And I want to remind Paul since he seemed to have forgotten, that he did a FABULOUS job last year as W2ICE/1 and over-performed. Thanks again Paul for doing that last winter. Next week Bill K4JYS will be flooding the airwaves as W2ICE/4.

73, Scott WA9WFA

> On Dec 1, 2016, at 3:10 PM, N1BUG paul@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> > Don, I am not aware of any restrictions on the type of key one can
> > use in the BK or any other AWA CW contest. AFAIK you could use a
> > solid-state electronic keyer or even a CW keyboard, but both of
> > those would be silly for the BK.
>
> Starting this year I either use an iambic keyer or I don't operate.
> If I learned anything last year while sadly under-performing as
> W2ICE/1 and while recovering afterward it was that my days of using
> a straight key are over. After several injuries and surgery, the arm
> just isn't what it used to be.
>
> Paul
>
>

14412. Re: [AWA Group] BK Preps es Keyers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-02 01:24:14 UTC
From: dulmagedon@...
Topic: 14406 Message: 14412

I am refering to me. What U do is UR business. I will be happy to work any of you regardless. I enjoy doing it that way to capture as much of the old feeling as possible. Might even dig out a pair of suspenders.
donVe3LYX

14413. Re: [AWA Group] BK Preps es Keyers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-02 02:33:49 UTC
From: w0vlz@...
Topic: 14406 Message: 14413
Attachments: 1 described; binary payloads are missing from this source WARC

Don't forget the bow tie.

14414. Meanwhile other ham adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-02 10:47:19 UTC
From: dulmagedon@...
Topic: 14414 Message: 14414

Have to go to Watertown in the morning and meet my sister. She has the other half of my Collins TCS station.
Guy wouldn't deal with a Canadian but sis' came thru for me. It is supposed to have a PSU with it. Here is hoping it is operational or close. TCS 12 tx. I know it has a non stock milliamp meter (lower). I hope it is a standard size as I have several. I have the RX up and running already. It came from Florida direct by mail with no issues. Also killed my chair yesterday while reorganizing my bench. Not the first chair I have killed BTW. XYL heard the crash and paniced a bit. Was kind of a "whale on the beach" moment as I tried to free myself from the chair and find a way to get up again. Tis the only chair I have had in my shack since the 1980s.

donVe3LYX

14415. Re: ...to be in the spirit of '29

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-02 11:35:08 UTC
From: Alessandro Santucci
Topic: 14410 Message: 14415

Wonderful and evocative...hi

73

Alex I5SKK ex I0SKK

14416. ...to be in the spirit of '29 es I5SKK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-02 15:35:12 UTC
From: Louis Vermond
Topic: 14416 Message: 14416

Wonderful and evocative...hi 73 Alex I5SKK ex I0SKK

Alex,

Da voi sito web vedo che siamo spiriti affini.

Will you be working the Kelley Party?

73, Lou
VE3AWA

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14417. National SW-3 Help

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-03 14:10:46 UTC
From: Tim Haake
Topic: 14417 Message: 14417

In the past year I have bought a few of the little National black boxes. The first was an SW-3, then a SRR, and then a 1-10.I decided to get he SW-3 out and get it working and immediately became confused with what I have. The set came with a lot of spares, a set of coils in boxes marked SW-5, and spare tubes type, 56, 27, and 58. I also got a number of copies of information from old QSTs and a SW-3 manual manual from Vintage Manuals.
First off I am confused with the set in that the info from QST and Vintage Manuals shows a front of the receiver with a control under the main tuning knob which is a side turning type thumb control and my receiver does not have one. Second my receiver has a total of 4 places to plug things into inside the chassis. Two of them are standard 5-pin tube sockets and two of them are glass ceramic mounted above the chassis sheet metal. The schematic shows three tubes and TWO coils in all the circuit diagrams I have yet I do not have that many places in the set. Where am I going wrong with this set?
Secondly the QST data info comments on running this set on 135+ to +180 volts DC and the appropriate power as required for the choice of tubes since the set could be had in several filament flavors. I also came up with a model National model 5880-AB "dog house" power supply that puts out 2.5 volts filament and 300 volts DC.
Can an SW-3 owners hep me out?
Thanks TIMWA0TSY

14418. Re: National SW-3 Help

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-03 14:20:30 UTC
From: w0vlz@...
Topic: 14417 Message: 14418

Tim,

If you don't have the RF gain control under the tuning knob and only two tube sockets you may have something that's not an SW3. Post some photos so that we can take a look.

73,
Niel - W0VLZ
https://www.prismnet.com/~nielw/index.htm https://www.prismnet.com/~nielw/index.htm

14419. Re: [AWA Group] Re: National SW-3 Help

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-03 14:57:07 UTC
From: Tim Haake
Topic: 14417 Message: 14419

Niel,
OK, MY STUPID! I pulled off the shelf the SRR receiver and not the SW-3 ! They both look quite similar but two different receivers inside. OK so with that resolved what do I do about the B+ issue? As I said earlier the dog house I have puts out 300V and it is marked clearly as being a 5880-AB which I am lead to believe that is the correct power supply. The tubes in the dog house are a pair of type 58's and one 56 which are 2.5 volt filaments so that matches that much of the 5880-AB supply. I am concerned about the much higher B+ of 300 volts.
TIM

From: "w0vlz@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Saturday, December 3, 2016 8:20 AM
Subject: [AWA Group] Re: National SW-3 Help

  Tim,

If you don't have the RF gain control under the tuning knob and only two tube sockets you may have something that's not an SW3. Post some photos so that we can take a look.

73,
Niel - W0VLZ
https://www.prismnet.com/~nielw/index.htm

14420. Re: [AWA Group] Re: National SW-3 Help

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-03 15:44:46 UTC
From: w0vlz@...
Topic: 14417 Message: 14420

Tim,

Check your power supply to see if the parts are original. The transformer and choke are potted together. If the guts have been changed out someone may have taken some liberties with component values

The original National power supplies were rated for a 110V line. You're probably running 10% higher. I have a good sized 12 V filament transformer under the desk connected as an auto-transformer to get my station line voltage down to around 110.

You need to check the PS voltage under load. I believe the load/bleeder resistor is in the SW-3 so the voltage you see is the peak charge on the filter caps. Voltage under load should be quite a bit lower.

Inside the SW3 is a multitap load/dropping resistor that splits out the various voltages required. If that resistor is bad you'll have voltage problems also.

Which coils do you have with your SW3? See https://www.prismnet.com/~nielw/sw3coils.htm https://www.prismnet.com/~nielw/sw3coils.htm Do your coils match the tube lineup?

Hope this all helps.

73,
Niel - W0VLZ
https://www.prismnet.com/~nielw/index.htm https://www.prismnet.com/~nielw/index.htm

14421. Re: [AWA Group] Re: National SW-3 Help

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-03 19:52:30 UTC
From: Roger Kuchera
Topic: 14417 Message: 14421

Howdy Tim, This may help you out on the ID; The side-moving dial below the main tuning control, is the gain controlfor a SW-3. Further, the 2 sockets mounted on "stilts" will be an odd 6-pin configuration and they are forcoils for the RF and detector. Why the odd 6-pin socket has several stories. The spacing normally doesnot match the standard 6-pin spacing (unless of course someone changed them).

There are 3 distinct models of the SW-3. I believe the National 1-10 was a VHF/UHF (in the day) RXwhich covered approximately 1 through 10 Meters (not metres).

Please feel free to email with any other questions. BTW: Do you have coils for an SW-3? I may havesome spares.
Roger/K1TG

On Saturday, December 3, 2016 10:44 AM, "w0vlz@aggienetwork.com [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv1744752154 #yiv1744752154 .yiv1744752154ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv1744752154 div.yiv1744752154ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv1744752154 div.yiv1744752154photo-title a, #yiv1744752154 div.yiv1744752154photo-title a:active, #yiv1744752154 div.yiv1744752154photo-title a:hover, #yiv1744752154 div.yiv1744752154photo-title a:visited {text-decoration:none;}#yiv1744752154 div.yiv1744752154attach-table div.yiv1744752154attach-row {clear:both;}#yiv1744752154 div.yiv1744752154attach-table div.yiv1744752154attach-row div {float:left;}#yiv1744752154 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv1744752154 div.yiv1744752154ygrp-file {width:30px;}#yiv1744752154 div.yiv1744752154attach-table div.yiv1744752154attach-row div div a {text-decoration:none;}#yiv1744752154 div.yiv1744752154attach-table div.yiv1744752154attach-row div div span {font-weight:normal;}#yiv1744752154 div.yiv1744752154ygrp-file-title {font-weight:bold;}#yiv1744752154 --> <!--#yiv1744752154 #yiv1744752154ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv1744752154 #yiv1744752154ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv1744752154 #yiv1744752154ygrp-mkp #yiv1744752154hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv1744752154 #yiv1744752154ygrp-mkp #yiv1744752154ads {margin-bottom:10px;}#yiv1744752154 #yiv1744752154ygrp-mkp .yiv1744752154ad {padding:0 0;}#yiv1744752154 #yiv1744752154ygrp-mkp .yiv1744752154ad p {margin:0;}#yiv1744752154 #yiv1744752154ygrp-mkp .yiv1744752154ad a {color:#0000ff;text-decoration:none;}-->

Tim,

Check your power supply to see if the parts are original. The transformer and choke are potted together. If the guts have been changed out someone may have taken some liberties with component values

The original National power supplies were rated for a 110V line. You're probably running 10% higher. I have a good sized 12 V filament transformer under the desk connected as an auto-transformer to get my station line voltage down to around 110.

You need to check the PS voltage under load. I believe the load/bleeder resistor is in the SW-3 so the voltage you see is the peak charge on the filter caps. Voltage under load should be quite a bit lower.

Inside the SW3 is a multitap load/dropping resistor that splits out the various voltages required. If that resistor is bad you'll have voltage problems also.

Which coils do you have with your SW3? See https://www.prismnet.com/~nielw/sw3coils.htm
Do your coils match the tube lineup?

Hope this all helps.

73,
Niel - W0VLZ
https://www.prismnet.com/~nielw/index.htm

14422. Re: [AWA Group] Re: National SW-3 Help

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-03 22:27:08 UTC
From: Tim Haake
Topic: 14417 Message: 14422

Thanks Roger for the iput. I have several of these receivers and what I did was get the SRR and the SW-3 confused. I also have a 1-10. T SRR has 3 tubes and one coil. It is a super regen designed for at the time 5 Meters but they also made HF band coils for it so if you pull tte quench oscillator tube and pluug in the correct low band coil you got a simple low band regen.
Any way after figuring out I picked the wrong receiver and pulling the correct one out of the box I hooked up my HB power supply and I have been listening to 4 Meters all afternoon. I'll need to try the SRR someday.
I have coils for the SW-3 which are in original boxes marked SW-5. I think they should be the same since the SW-3 and SW- 5 are the same with exception of the audio stages I think.
TIM

From: "Roger Kuchera rwkuchera@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Sent: Saturday, December 3, 2016 1:52 PM
Subject: Re: [AWA Group] Re: National SW-3 Help

  Howdy Tim,   This may help you out on the ID; The side-moving dial below the main tuning control, is the gain controlfor a SW-3. Further, the 2 sockets mounted on "stilts" will be an odd 6-pin configuration and they are forcoils for the RF and detector. Why the odd 6-pin socket has several stories. The spacing normally doesnot match the standard 6-pin spacing (unless of course someone changed them).
     There are 3 distinct models of the SW-3. I believe the National 1-10 was a VHF/UHF (in the day) RXwhich covered approximately 1 through 10 Meters (not metres).
     Please feel free to email with any other questions. BTW: Do you have coils for an SW-3? I may havesome spares.
Roger/K1TG

On Saturday, December 3, 2016 10:44 AM, "w0vlz@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Tim,

Check your power supply to see if the parts are original. The transformer and choke are potted together. If the guts have been changed out someone may have taken some liberties with component values

The original National power supplies were rated for a 110V line. You're probably running 10% higher. I have a good sized 12 V filament transformer under the desk connected as an auto-transformer to get my station line voltage down to around 110.

You need to check the PS voltage under load. I believe the load/bleeder resistor is in the SW-3 so the voltage you see is the peak charge on the filter caps. Voltage under load should be quite a bit lower.

Inside the SW3 is a multitap load/dropping resistor that splits out the various voltages required. If that resistor is bad you'll have voltage problems also.

Which coils do you have with your SW3? See https://www.prismnet.com/~nielw/sw3coils.htm
Do your coils match the tube lineup?

Hope this all helps.

73,
Niel - W0VLZ
https://www.prismnet.com/~nielw/index.htm

14423. Re: Meanwhile other ham adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-03 23:24:40 UTC
From: dulmagedon@...
Topic: 14414 Message: 14423

Picked up my TCS 12 today. The transmitter looks good. Nothing burnt and no odd stains or smells. It does have a non stock MA meter. It should be a small black round one but it has a square pastic one (300ma) installed. I had hoped I had a replacement but mine are all too big. This one is the small meters with an 1 11/16" face. That is the good news. The bad news is no cabinet. It came mounted in a steel cabinet with a serious hb PSU built underneath. I dont wish to run the tx out of the cabinet and I understand the TCS rx and tx cabinets are interchangable so I will pop the TX into the rx's cabinet and see of my tin banger friend can make me a duplicate for the rx. I haven't tried powering it yet. Tired from the drive and don't feel safe today. Some damage in shipping PSU had a busted 5u4GB. I happen to have a couple in stock so I cleaned up the broken glass and replaced it. One of the modulator tubes was out of its socket so I reinstalled it after making sure it was good. Anyway I now have my Collins station. Just have to get it all working now.
donVe3LYX

14424. Re: [AWA Group] Re: National SW-3 Help

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-04 01:56:01 UTC
From: Larry Szendrei
Topic: 14417 Message: 14424

On 12/3/16 5:27 PM, Tim Haake dubtub88@... [AWAGroup] wrote:
>
> Any way after figuring out I picked the wrong receiver and pulling the
> correct one out of the box I hooked up my HB power supply and I have
> been listening to 4 Meters all afternoon.
>

Tim, I assume you mean 40 Meters. Glad you got it sorted out and working. What did you do about the B+ voltage from the power supply? 300V is way too hot; I think the first thing to complain would be the voltage divider resistor, which would fail open. (They often do anyway, but why accelerate it?)

73 and have fun,
-Larry/NE1S
> .
>
>

14425. Re: [AWA Group] Re: Meanwhile other ham adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-04 04:21:40 UTC
From: Leonard Meek
Topic: 14414 Message: 14425

Don, I picked up a TCS-12 from someones junk pile a couple of years ago It had a bunch of those paper caps in mica looking cases. Almost every one of them was shorted or leaking. The band switch contacts were pretty ratty too, but I got it working pretty good.

The TCS was always a favorite with me. It was my first short wave radio. I was 14 when I stole it out of an amphib tank. I built a power supply for it, and even wound a 12V winding onto the power xfmr. Wish I still had it. It was in better shape than the one I have now.

----- Original Message -----
From: dulmagedon@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: Saturday, December 03, 2016 1:24 PM
Subject: [AWA Group] Re: Meanwhile other ham adventures

Picked up my TCS 12 today. The transmitter looks good. Nothing burnt and no odd stains or smells. It does have a non stock MA meter. It should be a small black round one but it has a square pastic one (300ma) installed. I had hoped I had a replacement but mine are all too big. This one is the small meters with an 1 11/16" face. That is the good news. The bad news is no cabinet. It came mounted in a steel cabinet with a serious hb PSU built underneath. I dont wish to run the tx out of the cabinet and I understand the TCS rx and tx cabinets are interchangable so I will pop the TX into the rx's cabinet and see of my tin banger friend can make me a duplicate for the rx. I haven't tried powering it yet. Tired from the drive and don't feel safe today. Some damage in shipping PSU had a busted 5u4GB. I happen to have a couple in stock so I cleaned up the broken glass and replaced it. One of the modulator tubes was out of its socket so I reinstalled it after making sure it was good. Anyway I now have my Collins station. Just have to get it all working now.
donVe3LYX

14426. Re: [AWA Group] Re: Meanwhile other ham adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-04 12:04:11 UTC
From: N3IBX
Topic: 14414 Message: 14426

Hello Don,
? ? ? ? ? ? ? ? The very best of luck with your TCS-12 station. I just wanted to let you know that there were two cabinets made for the "TCS" series. One had them stacked horizontally, and the other one had them stacked vertically. I have a TCS-12 rx and tx with the vertical stacking cabinet. I think it may haver been made for submarine use as a backup station. Gett5ing back to the TCS, they are fun to use and will do around 20W+ output on AM phone, and a little bit more on CW. The power supply I use is from an old GE deskmate "Progline". It seems to work very well with it.

The best of luck with your TCS and hope to hear it on the air someday.?

Mod-U-Later,
Joe Cro N3IBX
?
?
On 12/03/16, dulmagedon@... [AWAGroup] wrote:
?
?

Picked up my TCS 12 today. The transmitter looks good. Nothing burnt and no odd stains or smells. It does have a non stock MA meter. It should be a small black round one but it has a square pastic one (300ma) installed. I had hoped I had a replacement but mine are all too big. This one is the small meters with an 1 11/16" face. That is the good news. The bad news is no? cabinet. It came mounted in a steel cabinet with a serious hb PSU built underneath. I dont wish to run the tx out of the cabinet and I understand the TCS rx and tx cabinets are interchangable so I will pop the TX into the rx's cabinet and see of my tin banger friend can make me a duplicate for the rx. I haven't tried powering it yet. Tired from the drive and don't feel safe today. Some damage in shipping PSU had a busted 5u4GB. I happen to have a couple in stock so I cleaned up the broken glass and replaced it. One of the modulator tubes was out of its socket so I reinstalled it after making sure it was good.? Anyway I now have my Collins station. Just have to get it all working now.
donVe3LYX

14427. Re: [AWA Group] Re: Meanwhile other ham adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-04 12:37:10 UTC
From: dulmagedon@...
Topic: 14414 Message: 14427

Yes My Italian (COSREM)friends have warned me about the Caps in the rx especially. I have replaced enough to get it working. The TX looks very good, almost NOS. Nothing bent or mutilated. Lacing all good and unmolested. I know they are not favoured for Cw because of the clicking relay although my Knwood also does that so it may not bother me at all. The PSU is very HD however I havent quite firgured out it yet and dont want to apply any power till I understand its design. Power requirements are identical to my ARC5s (also 1625 tubes) or my No 19 however an extra PSU never is a waste. It is ugly though so may get a new shirt (cabinet)
I have been using the rx a lot the last week. It works quite well and is very quite despite its sensitivity. Still have to get the BFO working. Been listening on 160M a bit as these rigs will do 160 80 and 40. Today would have been Dads 93 birthday so it is a good weekend to get it since I bought it in his memory and with his money. My brother has promised a photo copy of Dads No #1 Wireless School Wireless Mechanics Instructors certificate which I will frame and hang above the station as well as a photo I have of Dad standing under the right hand wing of the Avro Arrow at its rollout which was the purpose for being hired by Collins (he did the radio design)
I got my radio interest from him so I owe him at least that. I am BK ready BTW and can hardly wait.
donVe3LYX

14428. Re: [AWA Group] Re: Meanwhile other ham adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-04 12:40:47 UTC
From: dulmagedon@...
Topic: 14414 Message: 14428

hope to hear it on the air someday

I am counting on working U!
I want to do the vertical stack.
donVe3LYX

14429. Re: Re: [AWA Group] Re: Meanwhile other ham adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-04 12:51:33 UTC
From: N3IBX
Topic: 14414 Message: 14429

Don,
? ? ? ? The vertical stack would be FB IMHO. I believe the vertical cabinet was made for the TCS to be used in WWII subs and such. It also saves precious space in the Hamshack. Perhaps you'd want to have a "ART-13" TX next to it - HI! Another FBOM TX from the era.?

I stand corrected on this and perhaps someone on the reflector could clarify it, but I think the "TCS" system was used in some of the "PBY" flying boats. I also think they were used in amphibious landing craft of the type that was used during the invasion of "Normandy" on 6 June 1944.?

My point is they were small and very versatile to get the communications job done. A stock TCS TX with a 4 to 1 balun on it can tune a 15' whip on 160M. They use a variometer on the output of the tank circuit and have plenty of "L" to tune just about anything.?

Another FB thing about them is that the 1625 tubes used are all interchangeable. If your final tube became inoperative, just pop a tube out of the modulator and use CW!

What's not to like about a TCS? I think everybody should have one!

Very best regards,
Joe N3IBX
?
?
On 12/04/16, dulmagedon@... [AWAGroup] wrote:
?
?

hope to hear it on the air someday

I am counting on working U!
I want to do the vertical stack.
donVe3LYX

14430. Re: Re: [AWA Group] Re: Meanwhile other ham adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-04 13:36:42 UTC
From: dulmagedon@...
Topic: 14414 Message: 14430
Attachments: 1 described; binary payloads are missing from this source WARC

Well here is the station. Must have been a big temptation just to nix the mod and make a quad four !
Anyway when I first got my ARc5 set I bought a dozen NOS 1625s of ebay in boxes an still have 14 of them so Hopefully I will be ok for now anyway. Same outputs as my Arc5s but I have no modulator for the ARCs5 so built one , a series mod which works well but robs Hi voltage as it is powered by its seriesed connection. It works pretty good and I was using it it a few times on 80 this week with KA2J and the group. Dave KA2J helped me sort through it originally by spending some time in on air testing with me and I have not forgotten his efforts. The TCS has its modulator on board and is as I understand screen and plate modulated simultaneously. So it should pack a bit more punch. I was worried about no 160M antenna but as I understand your post, it should be able to tune my 80m longwire easily. So power out on Am should be similar to what i know get on the No 19 after my modification to the drive control hobble. Perhaps a but more then the 19 but in the ballpark. And I can use it to drive my linear if need be on 80M or 40M. I hope it goes well. Still trying to figure out the wiring from the supplied PSU. I think it wont turn on unless plugged into the TX because of the power switch but want to be dang sure before I try it. Also discovered the Mic/key plug is that odd small one. I have one of them here but will swap it out for a 1/4" because i have about a 1/2 dozen carbon mics here anyway used in .... well some will remember.. another great radio adventure. The ARC5s and the No 19 use crystal mics but with no real speech amp or pre-amp the TCS wont.
Anyway tis fun.
donVe3LYX

14431. Modular Twin #27 Hartley

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-04 18:59:16 UTC
From: dfaklis@...
Topic: 14431 Message: 14431
Attachments: 3 described; binary payloads are missing from this source WARC

Ready to go for BK...160-40 (attached pics). Solid-state, variable, regulated, HV power supply ala N6GA, eBay filament supply, and twin #27 tubes in a modular fashion for lightning fast band changes :)

HV and filament heat through RG6 and F-connectors, coarse (500pf) and fine (90pf) variables connected with jumpers, plate/link coils from #12 solid Cu also connected with jumpers, and a Bencher BY-1 in SK mode (cathode, 25v across the key, with 200vdc on the plates). Shunt fed and a 10K grid resistor with a parallel 220pf cap.

Thanks for the help with the link. I'm now using 2-4 turns instead of a dozen, into a MFJ tuner. On 80, my QRP wattmeter says 2.6 watts out into 50 ohms with 6.4 watts in (i.e. Ip = 32 ma), but the tone suffers a bit there. The HV supply displays negligible sag, but I can get a big whoop with tight coupling (~3 watts max at 200vdc).

Inverted L on 160, dipole on 80, 2el wire Yagi (west) and dipole on 40.

Thanks to all for the help! I have lots to learn and hope to play around on the air during the week. Forgive me if I maximize output power in the BK and sound "vintage"; it's just a big thirst for high QSO rate!

73, Dean, NW2K

14432. Re: APPROVE -- g3zdq wants to join AWAGroup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 01:52:58 UTC
From: Louis Vermond
Topic: 14432 Message: 14432

Comment from user: I have been communicating with Lou VE3AWA and with his help and encouragement built my interpretation of a Hull Hartley low power transmitter to use for the BK QSO Party. Ian G3ZDQ

Please welcome our new member.

Ian will be away from home until Friday....

73, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14433. Re: APPROVE -- g3zdq wants to join AWAGroup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 02:19:07 UTC
From: dulmagedon@...
Topic: 14432 Message: 14433

Now we are talking. I have been able to work Wales GW3OQK from here with my after midnight power level hartley so welcome the participation. They use different traditional freqs then us because of digital activity and licensing so we need to know where they want to be. Of course that is just pond hop stuff. Among themselves the sky is the limit. I wonder of Tom will be on. Ameliasburgh to Amberg would be cool.
donVe3LYX

14434. TNT Hartley Ready for Testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 05:45:36 UTC
From: James Sweeden
Topic: 14434 Message: 14434

I have my TNT Hartley built to a point where I think I am ready to test it. From the reading I have done on the web I believe it can be tested for oscillation without connecting anything to the antenna coil. Is that correct? I can very my B+ supply from ~ 100VDC to ~250VDC so thought I would start testing with it turned down. If I wanted to connect it to a dummy load should I use a 50 ohm load or would a light bulb be okay? As far as connecting it to an antenna I am at a total loss. I use a 20 meter EDZ fed with window line for the 40 meter band so want to know if the Hartley can be connected to that directly or does it need to be run through a transmatch? At some point I am going to want it to share the antenna with a receiver so will need to figure out how that is going to work also. Some of the options I have are - coax relay(electric), coax switch(manual), knife switch, Johnson Matchbox(I think it has a relay to switch between receive and transmit but haven't checked that out yet). Any help you can give or point me to will be greatly appreciated and if there are other things I should know will be happy to hear about them.

I am looking at all these questions and thinking that building the transmitter was the easy part!

Thank you!

73,

James/KB7LJP

14435. Re: TNT Hartley Ready for Testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 12:46:41 UTC
From: dulmagedon@...
Topic: 14434 Message: 14435

I use a sniffer for a quick check. A Sniffer is a loop of stiff wire soldered to a flashlight bulband fstened to a wooden stick (Paint stirrers are wonderful for this). You hold it near the coil as though it were another loop but an inch or so away and press the key. if there is RF it will light. If not it wont. 100% reliable. I itlights with reasonable brightness you are in business and only need to figure out the freq . I use a knife switch from Lowes (science project drawer in hardware) in my endfed antenna single pole double throw since I am only dealing with a single wire. If double just use a double pole double throw. I can easily reach it from my chair when operating. I find it very convenient. If I know your testing freq I will listen for you. Depending on your antenna coupling you may be able to put a signal out but te antenna matcher will be a good help and cover you butt to some extent for extra emissions. In you case with a too short wire I would use it. Set it up on you normal radio on your choosen freq first then hook your Bk rig up and it should only need a minor tweak if any. I will check back a few times to see if you post Ur freq so I can listen for you.
All the best Don VE3LYX

14436. Re: [AWA Group] Re: National SW-3 Help

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 14:53:20 UTC
From: Roger Kuchera
Topic: 14417 Message: 14436

Howdy again Tim, Another tidbit re: SW-3 coils: They came in 3 basic varieties, as follows:
Type 1 (earliest) - color code is found in 3 grooves on the top rim of the coil form Type 2 - Numbers are on the bottom of the coil form denote the frequency range Type 3 (Latest) - I have never seen one of these but I think they have numbers on the bottom
I also have coils in the boxes marked "SW-5" and they seem to work just fine in the SW-3. Allcoils are basically the same but the number of tickler turns vary somewhat. The newest type having theleast number of turns.
Anything I can hear on my ICOM-7700, I can hear on my SW-3. Good luck with your restoration.Take care and stay well.
Ropger/K1TG

On Saturday, December 3, 2016 8:57 PM, "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv9081345391 #yiv9081345391 .yiv9081345391ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv9081345391 div.yiv9081345391ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv9081345391 div.yiv9081345391photo-title a, #yiv9081345391 div.yiv9081345391photo-title a:active, #yiv9081345391 div.yiv9081345391photo-title a:hover, #yiv9081345391 div.yiv9081345391photo-title a:visited {text-decoration:none;}#yiv9081345391 div.yiv9081345391attach-table div.yiv9081345391attach-row {clear:both;}#yiv9081345391 div.yiv9081345391attach-table div.yiv9081345391attach-row div {float:left;}#yiv9081345391 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv9081345391 div.yiv9081345391ygrp-file {width:30px;}#yiv9081345391 div.yiv9081345391attach-table div.yiv9081345391attach-row div div a {text-decoration:none;}#yiv9081345391 div.yiv9081345391attach-table div.yiv9081345391attach-row div div span {font-weight:normal;}#yiv9081345391 div.yiv9081345391ygrp-file-title {font-weight:bold;}#yiv9081345391 -->

On 12/3/16 5:27 PM, Tim Haake dubtub88@... [AWAGroup] wrote:

Any way after figuring out I picked the wrong receiver and pulling the correct one out of the box I hooked up my HB power supply and I have been listening to 4 Meters all afternoon.

Tim, I assume you mean 40 Meters. Glad you got it sorted out and working. What did you do about the B+ voltage from the power supply? 300V is way too hot; I think the first thing to complain would be the voltage divider resistor, which would fail open. (They often do anyway, but why accelerate it?)

73 and have fun,
-Larry/NE1S
.

14437. Re: TNT Hartley Ready for Testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 16:12:58 UTC
From: dulmagedon@...
Topic: 14434 Message: 14437
Attachments: 3 described; binary payloads are missing from this source WARC

Then lit bulb is with me trying to hold it, take the photo and run the keyer with only two hands, If I had three hands the bulb would be brighter;>) as I would have held it parralell donVe3LYX

14438. New BK Op

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 16:21:25 UTC
From: Bill Stewart
Topic: 14438 Message: 14438

I recently had a 40m Hartley-to-Hartley QSO with Jim, KK4GFR.
He was using his recently built Hartley, sporting a '27 at about four watts out. He is in KY, so aim your ears to the South. After the QSO, he called me on the phone. He is very enthusiastic so hope he will hang with us for a long time. GL to all in the BK.
73 de Bill K4JYS

14439. Re: Re: [AWA Group] Re: Meanwhile other ham adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 16:34:34 UTC
From: dulmagedon@...
Topic: 14414 Message: 14439

It works on CW (tuned up on 3580) output isnt huge but enough.havent figued out yet how the mike is wired. I was keying through the PSU connection that came with the set. One jack which says key or mic on the set proper. I assume one tip contact goes to the mic wiring and one goes to the keying relay. Which one though? Even after I sort it out I may install a separate mic jack. Don't like potential trouble spots.
donVe3LYX

14440. Re: [AWA Group] Re: APPROVE -- g3zdq wants to join AWAGroup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 16:44:07 UTC
From: N1BUG
Topic: 14432 Message: 14440

Welcome Ian!

It is good to see some interest from across the pond. I would love to see photos of your Hull Hartley! Perhaps we shall be able to work during the BK QSO Party. I have made it across the Atlantic with my TNT transmitter on 160 and 40 meters. Oddly not yet on 80 but that is mostly due to lack of effort. I am very rarely to never QRV with the OT radio outside the BK event.

73,
Paul N1BUG

On 12/04/2016 08:52 PM, 'Louis Vermond' ve3awa@...
[AWAGroup] wrote:
> □
>
> Comment from user: I have been communicating with Lou VE3AWA and
> with his help and encouragement built my interpretation of a Hull
> Hartley low power transmitter to use for the BK QSO Party. Ian G3ZDQ
>
> Please welcome our new member.
>
> Ian will be away from home until Friday....
>
> 73, Lou

14441. Re: [AWA Group] Re: APPROVE -- g3zdq wants to join AWAGroup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 17:28:04 UTC
From: Roger Kuchera
Topic: 14432 Message: 14441

Welcome Ian. It's a great bunch. Lots of knowledge and parts.
Roger/K1TG

On Monday, December 5, 2016 11:44 AM, "N1BUG paul@... [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:

Welcome Ian!

It is good to see some interest from across the pond. I would love
to see photos of your Hull Hartley! Perhaps we shall be able to work
during the BK QSO Party. I have made it across the Atlantic with my
TNT transmitter on 160 and 40 meters. Oddly not yet on 80 but that
is mostly due to lack of effort. I am very rarely to never QRV with
the OT radio outside the BK event.

73,
Paul N1BUG

On 12/04/2016 08:52 PM, 'Louis Vermond' ve3awa@...
[AWAGroup] wrote:
> □
>
> Comment from user: I have been communicating with Lou VE3AWA and
> with his help and encouragement built my interpretation of a Hull
> Hartley low power transmitter to use for the BK QSO Party. Ian G3ZDQ
>
> Please welcome our new member.
>
> Ian will be away from home until Friday....
>
> 73, Lou

Posted by: N1BUG <paul@...>

Yahoo Groups Links

14442. Re: [AWA Group] Re: TNT Hartley Ready for Testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 17:44:07 UTC
From: James Sweeden
Topic: 14434 Message: 14442

Thanks for the info, will put together a sniffer this afternoon and give
a try. Need to make a trip to town this morning but will post freq when
I have things working.

73,

James/KB7LJP

On 05-Dec-16 4:46 AM, dulmagedon@... [AWAGroup] wrote:
>
> I use a sniffer for a quick check. A Sniffer is a loop of stiff wire
> soldered to a flashlight bulband fstened to a wooden stick (Paint
> stirrers are wonderful for this). You hold it near the coil as though
> it were another loop but an inch or so away and press the key. if
> there is RF it will light. If not it wont. 100% reliable. I itlights
> with reasonable brightness you are in business and only need to figure
> out the freq . I use a knife switch from Lowes (science project drawer
> in hardware) in my endfed antenna single pole double throw since I am
> only dealing with a single wire. If double just use a double pole
> double throw. I can easily reach it from my chair when operating. I
> find it very convenient. If I know your testing freq I will listen for
> you. Depending on your antenna coupling you may be able to put a
> signal out but te antenna matcher will be a good help and cover you
> butt to some extent for extra emissions. In you case with a too short
> wire I would use it. Set it up on you normal radio on your choosen
> freq first then hook your Bk rig up and it should only need a minor
> tweak if any. I will check back a few times to see if you post Ur freq
> so I can listen for you.
>
>

14443. 1935-ish homebrew superhet (photos attached)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 20:07:54 UTC
From: Larry Szendrei
Topic: 14443 Message: 14443
Attachments: 5 described; binary payloads are missing from this source WARC

Hello,

As some of you may know*, over the past 3 weeks or so I've been building a mid-1930s superhet communications receiver. It's been on "the list" for a few years now, but for whatever reason it suddenly became the most appealing project on the list, so I decided to "strike while the iron was hot" and get busy.

Topology is as follows - Jones "Super-Gainer" front-end with a type 57 regenerative mixer and 56 oscillator, two IF stages with AVC at 455 KHz using 58s, a 2B7 diode detector and 1st audio, 56 split-load phase inverter, PP 59s in the audio output, 5Z3 rectifier, and 24A BFO using the Dynatron circuit. 10 tubes in all. I am building it on the carcass of a "Columbia SG-8," which was a TRF AM broadcast set from 1929. It was my grandfather's, he had picked up the chassis and matching electrodynamic speaker on Radio Row in NYC in the 1930s. He had torn it apart and it was the foundation for many projects by him, and then me, as far back as I can remember but has been neglected as an almost bare chassis for the past 40 years or so. The only parts I am using that are original to that set are the chassis, power transformer, filter choke, and the speaker which still works and sounds great.

About two weeks ago I had completed and was testing the front end only, using an external power supply and feeding the mixer output into a BC-453 tuned to 455 KHz. Last Tuesday and Wednesday I finished it up to the ("2nd") detector and was feeding its output into an external audio amp. It worked extremely well (about as well as any communications receiver of that era that I own, and I own a few), and I used it in a QSO with W2PFY on 40M AM. So far I have only wound coils for 40M. Actually they go from 40M to almost 20M; with a little tweaking of the coils I think I'll be able to get them to cover both bands. Eventually I'll wind sets to cover at least 160M and 80M as well.

As of this morning the power supply and audio sections are just about done, and the BFO will be the last section to complete - not counting a front panel. A Pilot drum dial will replace the large pointer knob on the bandspread tuning condenser. I am waiting to install it last to reduce the possibility of damage to it. The 2 under-chassis photos show the progress that has been made in the past week - actually a little less than that.

*it's about all I've been talking about on the air recently

73,
-Larry/NE1S

14444. Re: TNT Hartley Ready for Testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 21:25:43 UTC
From: James Sweeden
Topic: 14434 Message: 14444

Well that would be due to my lack of knowledge I am afraid, somehow I was thinking the TNT was a variation of the Hartley design. I do have lots to learn so am very glad to have such a great support group for help! What I have built is a TNT so maybe what I was reading about testing with no load doesn't apply?

73,

James/KB7LJP

On 05-Dec-16 8:50 AM, Louis Vermond wrote:
> Hi Jim,
> Wondering why you refer to your rig as, "TNT Hartley". Usually one or
> the tuther...
> 73, Lou
> VE3AWA
>
> I have my TNT Hartley built to a point where I think I am ready to test
> it. From the reading I have done on the web I believe it can be tested
> for oscillation without connecting anything to the antenna coil. Is
> that correct? I can very my B+ supply from ~ 100VDC to ~250VDC so
> thought I would start testing with it turned down. If I wanted to
> connect it to a dummy load should I use a 50 ohm load or would a light
> bulb be okay? As far as connecting it to an antenna I am at a total
> loss. I use a 20 meter EDZ fed with window line for the 40 meter band
> so want to know if the Hartley can be connected to that directly or does
> it need to be run through a transmatch? At some point I am going to
> want it to share the antenna with a receiver so will need to figure out
> how that is going to work also. Some of the options I have are - coax
> relay(electric), coax switch(manual), knife switch, Johnson Matchbox(I
> think it has a relay to switch between receive and transmit but haven't
> checked that out yet). Any help you can give or point me to will be
> greatly appreciated and if there are other things I should know will be
> happy to hear about them.
>
> I am looking at all these questions and thinking that building the
> transmitter was the easy part!
>
> Thank you!
>
> 73,
>
> James/KB7LJP
>
>
>

> ---
> Avast logo <https://www.avast.com/antivirus>
>
> This email has been checked for viruses by Avast antivirus software.
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14445. Re: [AWA Group] Re: TNT Hartley Ready for Testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 21:29:47 UTC
From: James Sweeden
Topic: 14434 Message: 14445

Today is not going the way I thought it would so will try to have
everything ready for tomorrow. I would love to have you listen for me
so will post freq when am all set.

Thank you and 73,

James/KB7LJP

On 05-Dec-16 4:46 AM, dulmagedon@... [AWAGroup] wrote:
>
> I will check back a few times to see if you post Ur freq so I can
> listen for you.
>

14446. Around 3560 for a bit...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 21:39:43 UTC
From: dfaklis@...
Topic: 14446 Message: 14446

If you're around, please give a listen. Thank you, 73, Dean, NW2K

14447. Re: Around 3560 for a bit...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 22:02:59 UTC
From: dulmagedon@...
Topic: 14446 Message: 14447

Sounds wonderful. Tried to record it. Will know later if I got it. Classic note!
donVe3LYX

14448. Re: Around 3560 for a bit...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 22:14:15 UTC
From: dulmagedon@...
Topic: 14446 Message: 14448
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

14449. Re: [AWA Group] Re: Around 3560 for a bit...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 22:16:44 UTC
From: aflowers@frontiernet.net
Topic: 14446 Message: 14449

I found you on the regen before I read your email talking with someone. I just turned on the rig and there you were. I didn't have time to hook up the TX.

On Monday, December 5, 2016 5:03 PM, "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  Sounds wonderful. Tried to record it. Will know later if I got it. Classic note! donVe3LYX

14450. KK4GFR

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 22:43:07 UTC
From: Mike Feher
Topic: 14450 Message: 14450

Please welcome KK4GFR to the group. He did not give a name in his intro, so, hope he will introduce himself. Here is his intro:

"Lifelong interest in old radio and homebrew. Active cw ham and just built a Hartley."

73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

14451. Re: [AWA Group] Re: Around 3560 for a bit...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 22:59:01 UTC
From: dfaklis@...
Topic: 14446 Message: 14451

Don, thank you for the recording. Eric, thanks for the Q. Andy, thank you for the report. I made a 1/2 dozen Q's and am there again.

Is that what these rigs are supposed to sound like? When I couple loosely, I can get a great note, but very little output. When I couple more tightly, I get the "whoop" like in the recording. That was 6 watts in, ~2.5 w out.

Is 250vdc x 0.050ma too much the pair of #27?

Thanks! 73, Dean, NW2K

14452. Re: KK4GFR

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 23:03:37 UTC
From: kk4gfr@...
Topic: 14450 Message: 14452

Hello, My name is Jim Kirk and my call is kk4gfr. When I figure it out, I'll send picture of my new Hartley. 73

14453. Re: [AWA Group] Re: KK4GFR

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 23:11:54 UTC
From: Larry Szendrei
Topic: 14450 Message: 14453

On 12/5/16 6:03 PM, kk4gfr@... [AWAGroup] wrote:
>
> Hello, My name is Jim Kirk and my call is kk4gfr. When I figure it
> out, I'll send picture of my new Hartley. 73
>
> _
Welcome, Jim.

You can either send the group an mail with the image file attached, or
paste the image right in the body of the message.

73,
-Larry/NE1S

14454. Re: [AWA Group] Re: Around 3560 for a bit...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 23:13:52 UTC
From: Larry Szendrei
Topic: 14446 Message: 14454

On 12/5/16 5:59 PM, dfaklis@... [AWAGroup] wrote:
>
> Is 250vdc x 0.050ma too much the pair of #27?
>
Nope, but 250VDC at 50 mA is probably pushing it ;-)

Tune up quickly and keep the dahs short!

73,
-Larry/NE1S

14455. Re: [AWA Group] Re: KK4GFR

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 23:22:52 UTC
From: Bill Stewart
Topic: 14450 Message: 14455

Welcome Jim..glad you found us....Bill K4JYS

----- Original Message -----

From: "kk4gfr@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, December 5, 2016 6:03:37 PM
Subject: [AWA Group] Re: KK4GFR

Hello, My name is Jim Kirk and my call is kk4gfr. When I figure it out, I'll send picture of my new Hartley. 73

14456. Re: [AWA Group] TNT Hartley Ready for Testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 23:25:06 UTC
From: Louis Vermond
Topic: 14434 Message: 14456
Attachments: 2 described; binary payloads are missing from this source WARC

de James/KB7LJP ... What I have built is a TNT so maybe what I was reading about testing with no load doesn't apply? Would still apply.

I do have lots to learn so am very glad to have such a great support group for help! See below AWAGroup.

I have my TNT Hartley built to a point where I think I am ready to test it.

From the reading I have done on the web I believe it can be tested for oscillation without connecting anything to the antenna coil. Is that correct?

I can very my B+ supply from ~ 100VDC to ~250VDC so thought I would start testing with it turned down.

If I wanted to connect it to a dummy load should I use a 50 ohm load or would a light bulb be okay?

As far as connecting it to an antenna I am at a total loss. I use a 20 meter EDZ fed with window line for the 40 meter band so want to know if the Hartley can be connected to that directly or does
it need to be run through a transmatch? See second sentence of #3 below.

At some point I am going to want it to share the antenna with a receiver so will need to figure out how that is going to work also. Johnson Matchbox (I think it has a relay to switch between receive and transmit but haven't checked that out yet).

I am looking at all these questions and thinking that building the transmitter was the easy part!

73, James/KB7LJP

Frm: OTB, March, 1983 Vol. 23 / #4
Precursor to Kelley Party

Coupling to the transmatch/antenna

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https://www.avast.com/antivirus

14457. Fwd: Picture

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 23:31:27 UTC
From: William Kirk
Topic: 14457 Message: 14457
Attachments: 1 described; binary payloads are missing from this source WARC

Hello, My name is Jim. I recently joined the group. This is a picture of my 40/80 meter Hartley. So far I have had 8 qso's with it. One was Hartley to Hartley with Bill K4JYS. The greatest thrill for me was a regen contact with a xtal control transmitter. This has that beat! Maybe, at some time, I can make a Hartley, regen contact. Almost forgot, it's a type 27 tube and about 4 watts out. 73 Jim

14458. Re: [AWA Group] Re: Around 3560 for a bit...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 23:37:37 UTC
From: aflowers@frontiernet.net
Topic: 14446 Message: 14458

Dean,
You may find that a less coupling (about 50%-70% max power out) will be easier to copy. I found that moving the ground tap back toward the grid end of the tank reduced power a bit but cleaned up the note, and moving it toward to plate increased power but often at the expense of the note. Moving the location of the tap also seems to affect the drifting a bit. Also try reducing the plate voltage. You might find that at 200V it regulates better and the chirp goes away.
Lots of variables to play with, but you have good antennas and even whole watt out should be fine.
FWIW, Dean was my first QSO with an all-1920's RX and TX. I'm trying out '99s for detector and one stage AF so that I can use dry cells in an attempt to cut down on the hum...how do you guys with SW-3's do it?
I'll be around later tonight (say 10pm EST) if anyone wants to tune up some radios.
Andy K0SM/2

On Monday, December 5, 2016 6:14 PM, "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

> On 12/5/16 5:59 PM, dfaklis@... [AWAGroup] wrote:
>
> Is 250vdc x 0.050ma too much the pair of #27?
> Nope, but 250VDC at 50 mA is probably pushing it ;-)
>
> Tune up quickly and keep the dahs short!
>
> 73,
> -Larry/NE1S

14459. Around 3560 for a bit... and Andy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 23:51:13 UTC
From: Louis Vermond
Topic: 14459 Message: 14459

FWIW, Dean was my first QSO with an all-1920's RX and TX. Photo pse...

I'll be around later tonight (say 10pm EST) if anyone wants to tune up some radios. Freq?

Lou

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https://www.avast.com/antivirus

14460. Re: [AWA Group] Re: Around 3560 for a bit...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-05 23:59:51 UTC
From: dulmagedon@...
Topic: 14446 Message: 14460

Good job. enjoy!
donVe3LYX

BTW just got everything working on my Collins TCS TX. Cw and Phone.

14461. Re: Fwd: Picture

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-06 00:13:45 UTC
From: dulmagedon@...
Topic: 14457 Message: 14461

Somebodies GMC truck radio is missing its tuning cap.
Nice job. I like it.
donVe3LYX

14462. Around 1825 now....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-06 00:14:22 UTC
From: dfaklis@...
Topic: 14462 Message: 14462

If you're in the shack, please give a listen on 160. Thanks! 73, Dean, NW2K

14463. Re: Around 1825 now....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-06 00:47:35 UTC
From: dulmagedon@...
Topic: 14462 Message: 14463
Attachments: 1 described; binary payloads are missing from this source WARC

Just can tell you are there. Not strong.
BTW morning on 80M have been wonderful. before 9 AM est.
donVe3LYX

14464. Re: [AWA Group] Around 3560 for a bit... and Andy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-06 00:57:49 UTC
From: aflowers@frontiernet.net
Topic: 14459 Message: 14464
Attachments: 1 described; binary payloads are missing from this source WARC

I've attached a picture from the ipad. I'll take some better ones as things get cleaned up and we get near the weekend. Right now things are little crowded.
On the left is the 1924-style 80M transmitter (with slightly more modern tubes at the moment). You can see the green light of the recapped Heathkit PS3 is underneath the bench providing the B+. Behind the TX is a variac from the AWA flea market attached to a 7.5V filament transformer (thanks Lou!) which is dialed down to 5V for the parallel 71A's that are in there right now.
On the right is the movable-tickler "low loss tuner" with detector and one stage AF with CX-299's. The design generally follows 1924 practice (the GR transformer I'm using actually came out in March of 1925), most specifically a tuner in the December 1924 QST using parts I had available. It's built into the carcass of an old NBD clone, which is why you see all those holes in the panel and why the tickler is mounted the way it is. I'm going to make it a little nicer, but it's probably good enough to try to use. You can see the knife switch in the upper right which will allow me to switch to the K3 receiver if I need that modern single signal passband.
I'm using Cannonball Master headphones that were manufactured in the metropolis of Springwater, NY sometime in the late 20's. (You can ask NW2K about Springwater--he lives there.)
I'll try to be around 3560 and up a little after 10pm, avoiding any nets that might be in the area.
Andy K0SM/2

On Monday, December 5, 2016 6:50 PM, "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

☐FWIW, Dean was my first QSO with an all-1920's RX and TX. Photo pse... I'll be around later tonight (say 10pm EST) if anyone wants to tune up some radios. Freq?
Lou

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www.avast.com |

14465. Re: [AWA Group] Around 3560 for a bit... and Andy [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-06 01:04:14 UTC
From: Louis Vermond
Topic: 14465 Message: 14465

I'll try to be around 3560 and up a little after 10pm, avoiding any nets that might be in the area. I'll be there, Andy. Lou

---
This email has been checked for viruses by Avast antivirus software.
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14466. Re: Around 1825 now....

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-06 03:14:02 UTC
From: dfaklis@...
Topic: 14462 Message: 14466

Don, Thanks!

I was fortunate to make some QSOs on 160, best was Maine and there were several RBN spots. Now I just need to work a bit more on 40.

As I was telling Andy K0SM, there are too many darn "knobs" on these transmitters. Most of which I have no clue about. Learning a little makes you want to learn more.

73, Dean, NW2K

14467. Re: [AWA Group] TNT Hartley Ready for Testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-06 04:37:01 UTC
From: James Sweeden
Topic: 14434 Message: 14467

Thank you, just what I needed. I see I will need to change some connections to place the ground end of the antenna coil adjacent to the cold end of the plate coil. It looks like there is more to the "Coupling to the transmatch/antenna" article than shown, is that available somewhere for me to read?

73,

James/KB7LJP

On 05-Dec-16 3:25 PM, 'Louis Vermond' ve3awa@... [AWAGroup] wrote:
>
> I do have lots to learn so am very glad to have such a great support
> group for help! See below AWAGroup.
>

14468. Re: [AWA Group] TNT Hartley Ready for Testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-06 11:00:34 UTC
From: dulmagedon@...
Topic: 14434 Message: 14468

However be careful not to over think it. I 'd plug and play immediately. If your antenna works on other rigs the pre29 won't know any different. At least try it.
donVe3LYX

14469. 80M is wideopen right now. East west and north south. 636 AM est

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-06 11:40:26 UTC
From: dulmagedon@...
Topic: 14469 Message: 14469

I can hear WWV and CHU strong. usually only CHU here when conditions are good. Rarely WWV. So conditions are right now exceptional. I am heading down to the shack and will listen on 3560 + - 5kc
donVe3LYX

14470. Re: [AWA Group] Re: National SW-3 Help

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-06 14:06:36 UTC
From: Tim Haake
Topic: 14417 Message: 14470

Larry,
I had a power supply for another receiver project so I modified it with a 2.5V transformer and it all seems to work just find. The B+ is running about 160V DC and the SW-3 seems to like it. The SW-3 does have some nasty microphonics though. Several years ago I built a 40 meter tube regen from a QST article. Used a couple of maybe they were 12AX7 or was it 12AU7s. It has great sensitivity and great stability. Built it just for 40 Meters so the bandspread covers just 40 Mc. on the whole dial. Much much better then the SW-3.
I need to look into modifying the SW-3 coil to cover the 40 band the same way. The coil set I have in it now is the 4 to 8 Mc set are thereabouts. and it is too broad to do any real CW work. I had intended to use the SW-3 (and when I get it working my SW-5) as active used receivers on 40 CW.
TIM

From: "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Saturday, December 3, 2016 7:56 PM
Subject: Re: [AWA Group] Re: National SW-3 Help

  On 12/3/16 5:27 PM, Tim Haake dubtub88@... [AWAGroup] wrote:

Any way after figuring out I picked the wrong receiver and pulling the correct one out of the box I hooked up my HB power supply and I have been listening to 4 Meters all afternoon.

Tim, I assume you mean 40 Meters. Glad you got it sorted out and working. What did you do about the B+ voltage from the power supply? 300V is way too hot; I think the first thing to complain would be the voltage divider resistor, which would fail open. (They often do anyway, but why accelerate it?)

73 and have fun,
-Larry/NE1S
.

14471. RE: [AWA Group] Re: National SW-3 Help

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-06 14:42:39 UTC
From: Mike Feher
Topic: 14417 Message: 14471

Tim –

There were specific coil sets just for the ham bands. You may want to see if you can find a set of those, rather than tear up the ones you have now. Coil turns info can be found on the web. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Tuesday, December 06, 2016 9:07 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: National SW-3 Help

Larry,

I had a power supply for another receiver project so I modified it with a 2.5V transformer and it all seems to work just find. The B+ is running about 160V DC and the SW-3 seems to like it. The SW-3 does have some nasty microphonics though. Several years ago I built a 40 meter tube regen from a QST article. Used a couple of maybe they were 12AX7 or was it 12AU7s. It has great sensitivity and great stability. Built it just for 40 Meters so the bandspread covers just 40 Mc. on the whole dial. Much much better then the SW-3.

I need to look into modifying the SW-3 coil to cover the 40 band the same way. The coil set I have in it now is the 4 to 8 Mc set are thereabouts. and it is too broad to do any real CW work. I had intended to use the SW-3 (and when I get it working my SW-5) as active used receivers on 40 CW.

TIM

From: "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Saturday, December 3, 2016 7:56 PM
Subject: Re: [AWA Group] Re: National SW-3 Help

On 12/3/16 5:27 PM, Tim Haake dubtub88@... [AWAGroup] wrote:

Any way after figuring out I picked the wrong receiver and pulling the correct one out of the box I hooked up my HB power supply and I have been listening to 4 Meters all afternoon.

Tim, I assume you mean 40 Meters. Glad you got it sorted out and working. What did you do about the B+ voltage from the power supply? 300V is way too hot; I think the first thing to

complain would be the voltage divider resistor, which would fail open. (They often do anyway, but why accelerate it?)

73 and have fun,
-Larry/NE1S

.

<http://geo.yahoo.com/serv?s=97359714/grpId=39470910/grpspId=1705063108/msgId=14422/stime=1480804049>
<http://y.analytics.yahoo.com/fpc.pl?ywarid=515FB27823A7407E&a=10001310322279&js=no&resp=img&cf12=CP>

14472. Switch on secondary center tap?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-06 18:13:37 UTC
From: aflowers@frontiernet.net
Topic: 14472 Message: 14472

I picked up a Homebrew PS at an estate sale. It's a standard full-wave rectifier arrangement with a 5U4 with an 800V CT secondary. It has a power switch and fuse in the primary *and* a separate switch on the secondary center tap. What would be the purpose of a C.T. switch? Maybe let the rectifier warm up first before drawing current?
The thing has several safety issues, so I'm gutting it down to the chokes and transformer and working from there, but I'm just curious why someone might do this.
Andy K0SM/2

14473. Re: [AWA Group] Switch on secondary center tap?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-06 18:18:26 UTC
From: William Kirk
Topic: 14472 Message: 14473

Hello Andy, I have seen this done to be used as a standby switch. Removing the B+ from whatever is in standby but letting the filaments stay warm. Jim KK4GFR

On Tue, Dec 6, 2016 at 12:13 PM, 'aflowers@...' aflowers@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
>
> I picked up a Homebrew PS at an estate sale. It's a standard full-wave
> rectifier arrangement with a 5U4 with an 800V CT secondary. It has a power
> switch and fuse in the primary *and* a separate switch on the secondary
> center tap. What would be the purpose of a C.T. switch? Maybe let the
> rectifier warm up first before drawing current?
>
> The thing has several safety issues, so I'm gutting it down to the chokes
> and transformer and working from there, but I'm just curious why someone
> might do this.
>
> Andy K0SM/2
>
>
>

14474. Re: [AWA Group] Switch on secondary center tap?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-06 18:36:10 UTC
From: Larry Szendrei
Topic: 14472 Message: 14474

Yep. What Jim said.

Only issue with that approach is it's important that the xfmr construction is such that the CT tap is adequately insulated from the xfmr frame, because when disconnected the CT floats at a high potential relative to ground.

-Larry/NE1S

On 12/6/16 1:18 PM, William Kirk kk4gfr@... [AWAGroup] wrote:
> Hello Andy, I have seen this done to be used as a standby switch.
> Removing the B+ from whatever is in standby but letting the filaments
> stay warm. Jim KK4GFR
>
> On Tue, Dec 6, 2016 at 12:13 PM, 'aflowers@...
> <mailto:aflowers@...>' aflowers@...
> <mailto:aflowers@...> [AWAGroup] <AWAGroup@yahoogroups.com
> <mailto:AWAGroup@yahoogroups.com>> wrote:
>
>
> I picked up a Homebrew PS at an estate sale. It's a standard
> full-wave rectifier arrangement with a 5U4 with an 800V CT
> secondary. It has a power switch and fuse in the primary *and* a
> separate switch on the secondary center tap. What would be the
> purpose of a C.T. switch? Maybe let the rectifier warm up first
> before drawing current?
>
> The thing has several safety issues, so I'm gutting it down to the
> chokes and transformer and working from there, but I'm just
> curious why someone might do this.
>
> Andy K0SM/2
>
> .
>
>

14475. Re: [AWA Group] Switch on secondary center tap?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-06 18:44:38 UTC
From: Roger Kuchera
Topic: 14472 Message: 14475

GA Andy, You put your finger on a reason to use a CT switch. With the exception of bridge rectifiers and low-voltage supplies,I always include a CT switch in my homebrew supplies. Be forewarned that the windings are hot and should not berelied upon to make the supply "safe" while servicing or trouble-shooting. It is only safe when the AC Mains switch isoff and the line cord disconnected.
  I do not use tube rectifiers of any kind. The warm-up is intended for the unit it supplies. Having said this, if the unitbeing supplied is all solid-state then the CT switch becomes superfluous.
Roger/K1TG

On Tuesday, December 6, 2016 1:23 PM, "William Kirk kk4gfr@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv7593810343 #yiv7593810343 .yiv7593810343ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv7593810343 div.yiv7593810343ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv7593810343 div.yiv7593810343photo-title a, #yiv7593810343 div.yiv7593810343photo-title a:active, #yiv7593810343 div.yiv7593810343photo-title a:hover, #yiv7593810343 div.yiv7593810343photo-title a:visited {text-decoration:none;}#yiv7593810343 div.yiv7593810343attach-table div.yiv7593810343attach-row {clear:both;}#yiv7593810343 div.yiv7593810343attach-table div.yiv7593810343attach-row div {float:left;}#yiv7593810343 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv7593810343 div.yiv7593810343ygrp-file {width:30px;}#yiv7593810343 div.yiv7593810343attach-table div.yiv7593810343attach-row div div a {text-decoration:none;}#yiv7593810343 div.yiv7593810343attach-table div.yiv7593810343attach-row div div span {font-weight:normal;}#yiv7593810343 div.yiv7593810343ygrp-file-title {font-weight:bold;}#yiv7593810343 --> <!--#yiv7593810343 #yiv7593810343ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv7593810343 #yiv7593810343ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv7593810343 #yiv7593810343ygrp-mkp #yiv7593810343hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv7593810343 #yiv7593810343ygrp-mkp #yiv7593810343ads {margin-bottom:10px;}#yiv7593810343 #yiv7593810343ygrp-mkp .yiv7593810343ad {padding:0 0;}#yiv7593810343 #yiv7593810343ygrp-mkp .yiv7593810343ad p {margin:0;}#yiv7593810343 #yiv7593810343ygrp-mkp .yiv7593810343ad a {color:#0000ff;text-decoration:none;}-->

Hello Andy, I have seen this done to be used as a standby switch. Removing the B+ from whatever is in standby but letting the filaments stay warm. Jim KK4GFR
On Tue, Dec 6, 2016 at 12:13 PM, 'aflowers@...' aflowers@frontiernet.net [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

I picked up a Homebrew PS at an estate sale. It's a standard full-wave rectifier arrangement with a 5U4 with an 800V CT secondary. It has a power switch and fuse in the primary *and* a separate switch on the secondary center tap. What would be the purpose of a C.T. switch? Maybe let the rectifier warm up first before drawing current?
The thing has several safety issues, so I'm gutting it down to the chokes and transformer

and working from there, but I'm just curious why someone might do this.
Andy K0SM/2

14476. Re: [AWA Group] Switch on secondary center tap?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-06 19:18:14 UTC
From: aflowers@frontiernet.net
Topic: 14472 Message: 14476

Jim,
I think that was the purpose.
That was one of my safety concerns....it looks like the B- is tied to the chassis on the other side of the switch as it was wired.
The plan is to put two pairs of 1N4007s in a socket so that I can use a variac for a variable B+ supply but still retain the ability put in a 5U4. As you surmised, Larry, the filament supply is on the same transformer, so a variac isn't too useful if I want a wide range of voltage. It's going to be choke input for better regulation, since this is going to be an extra supply for BK, hopefully.
The guy who had this built everything and labelled everything. This includes when the filter caps were tested: January '68 and March '88. (They'll be replaced!)
Andy K0SM/2

On Tuesday, December 6, 2016 1:37 PM, "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  Yep. What Jim said.

Only issue with that approach is it's important that the xfmr construction is such that the CT tap is adequately insulated from the xfmr frame, because when disconnected the CT floats at a high potential relative to ground.

-Larry/NE1S

On 12/6/16 1:18 PM, William Kirk kk4gfr@... [AWAGroup] wrote:

  Hello Andy, I have seen this done to be used as a standby switch. Removing the B+ from whatever is in standby but letting the filaments stay warm. Jim KK4GFR
On Tue, Dec 6, 2016 at 12:13 PM, 'aflowers@...' aflowers@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

I picked up a Homebrew PS at an estate sale. It's a standard full-wave rectifier arrangement with a 5U4 with an 800V CT secondary. It has a power switch and fuse in the primary *and* a separate switch on the secondary center tap. What would be the purpose of a C.T. switch? Maybe let the rectifier warm up first before drawing current?
The thing has several safety issues, so I'm gutting it down to the chokes and transformer and working from there, but I'm just curious why someone might do this.
Andy K0SM/2

.

14477. Re: [AWA Group] Around 3560 for a bit... and Andy [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-06 20:21:39 UTC
From: Larry Szendrei
Topic: 14459 Message: 14477

On 12/5/16 7:57 PM, 'aflowers@...' aflowers@...
[AWAGroup] wrote:
> I've attached a picture from the ipad.
The station looks FB, Andy.

Perhaps the larger hole in the RCVR panel can be filled with a meter to show filament voltage, as was done back in the day? and the smaller hole filled with a switch in series with the filament(s)?

Nature abhors a vacuum (except when confined within the envelope of a tube, of course)!

73,
-Larry/NE1S

14478. Re: [AWA Group] Around 3560 for a bit... and Andy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-06 21:37:02 UTC
From: aflowers@frontiernet.net
Topic: 14459 Message: 14478

Larry,
I actually have new panel cut the size I want for the finished product--I just haven't gotten to it yet as I'm still trying to figure out some better. I'm going to keep this panel around since it already has holes conveniently drilled for National DX capacitors. The big hole was for a meter, and I still have it. It's just on the wrong side of the circuit since there is no RF amp tube to measure!
I'm probably not going to do more construction on it before the BK, but I'll do my best to try to use it as is. I don't think I'll be able to search and pounce with it. In fact, I don't think the idea of a separate bandspread knob was around in 1924, but they did do things like cut or remove plates from condensers. I haven't done that yet, but I probably will pull a few plates from mine to see how much it improves. As it is now, 3.5-4.0MHz fits in about one whole rotation of the vernier, or about 1/5 turn of the condenser. With a passband several KHz wide you don't need real fine tuning--just good enough that when you tune to a station and let go of the knob he's still there, somewhere. When Lou and I were tinkering with it a couple months ago we joked that it was fabulous for early 1925 when there were only five or six signals spread across the band! I listened to the MSN on it a few weeks ago, and it was stable enough for SSB reception if one took care to get it tuned in just right.
Andy K0SM/2

On Tuesday, December 6, 2016 3:22 PM, "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

> On 12/5/16 7:57 PM, 'aflowers@...' aflowers@... [AWAGroup] wrote:
>
> I've attached a picture from the ipad.

The station looks FB, Andy.

Perhaps the larger hole in the RCVR panel can be filled with a meter to show filament voltage, as was done back in the day? and the smaller hole filled with a switch in series with the filament(s)?

Nature abhors a vacuum (except when confined within the envelope of a tube, of course)!

73,
-Larry/NE1S

14479. TNT Testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-06 23:03:30 UTC
From: James Sweeden
Topic: 14434 Message: 14479

Built the sniffer and powered up the transmitter. Holding the sniffer near the plate coil while keying lights the bulb more than a dull red so that seemed good. Found the signal on my receiver (lower end of 40 meters) but the tone is not good, very buzzy. The receiver is about 8 ft. away with nothing connected to the antenna input. Connecting a power meter and 50 ohm load to the transmitter doesn't change the tone. My plate voltage is 100VDC and the plate current when keyed is ~15ma. The needle on the power meter just barely moves. Checked my wiring again and don't see any errors. I did use .0047mfd ceramic disk caps across the filament as didn't have anything else that value so not sure if that might be a problem. In the grid circuit I used a dipped silver mica cap labeled 250pf across the resistor but I didn't check it before soldering it in so wonder if maybe what I installed was 25pf. It's not real easy to remove so thought I would ask if a 25pf cap might cause the problem I am having before doing that.

Thanks for any help you can give.

73,

James/KB7LJP

On 05-Dec-16 8:12 AM, dulmagedon@... [AWAGroup] wrote:
>
> Then lit bulb is with me trying to hold it, take the photo and run the
> keyer with only two hands, If I had three hands the bulb would be
> brighter;>) as I would have held it parralell
> donVe3LYX
>
>
>

14480. Re: [AWA Group] TNT Testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-06 23:21:10 UTC
From: Steve
Topic: 14434 Message: 14480

> It's not
> real easy to remove so thought I would ask if a 25pf cap might cause the
> problem I am having before doing that.

James....both the grid resistor and the cap can be quite critical in influencing efficiency as well as keying. It's well worth experimenting with these values if everything else seems in order.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

14481. Re: TNT Testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-06 23:27:24 UTC
From: dulmagedon@...
Topic: 14434 Message: 14481

first before doing anything else using the sniffer find the spot where your bulb glows the brightest. Then check it on that freq on ur rx. check your grdlk resistor for value. Make sure your heater voltage is in the ballpark.
100v isnt much but since you are making rf ? Try less coupling on the antenna coil . If all else fails hook it to Ur antenna and give us the freq!
donVe3LYX.
I want to test on 3565 if it is open in about 10minutes . just a quick one with my last hartley I built for this years deal. Hope someone has a moment to listen

14482. Re: TNT Testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-06 23:30:15 UTC
From: dulmagedon@...
Topic: 14434 Message: 14482

100V , B plus I am refereing to here.

14483. Re: TNT Testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-07 09:43:25 UTC
From: dulmagedon@...
Topic: 14434 Message: 14483

You can connect the cathode lead directly to one of the filaments leads and it will all work . The best way to do the cathode is a splitter. A low value resistor(20 to 50 ohms) from each side (each filament) joined at the centre with a .01 across or parallel with each resistor and the cathode lead coming of where they join. Some of my old books (1927 etc) suggest using Christmas light bulbs for the resistors. (I use 6 volt pilot lamp bulbs) Any value of cap from .001 to .01 will work for resistor bypass HOWEVER it is not necessary to do it that way. Just connecting it direct will work especially for your first go round. Refinements can come later. 250pf may be a bit gentle for a TX although for a regen (same circuit lower voltage) it would be good. however it should not cause a problem where as too much could potentially be difficult to tame. As mentioned before and by others gridleak resistor can be an issue. Also BTW a accidentally resonant RFC can give a lot of grief. Just some stuff I remembered while I was pretending to sleep.
Tested my new one last night. Worked N8CT so it is good to go.
donVe3LYX

14484. Re: [AWA Group] TNT Testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-07 11:28:20 UTC
From: Larry Szendrei
Topic: 14434 Message: 14484

On 12/6/16 6:03 PM, James Sweeden kb7ljp@... [AWAGroup] wrote:
>
> Built the sniffer and powered up the transmitter. Holding the sniffer
> near the plate coil while keying lights the bulb more than a dull red
> so that seemed good. Found the signal on my receiver (lower end of 40
> meters) but the tone is not good, very buzzy. The receiver is about 8
> ft. away with nothing connected to the antenna input. Connecting a
> power meter and 50 ohm load to the transmitter doesn't change the
> tone. My plate voltage is 100VDC and the plate current when keyed is
> ~15ma. The needle on the power meter just barely moves. Checked my
> wiring again and don't see any errors. I did use .0047mfd ceramic
> disk caps across the filament as didn't have anything else that value
> so not sure if that might be a problem. In the grid circuit I used a
> dipped silver mica cap labeled 250pf across the resistor but I didn't
> check it before soldering it in so wonder if maybe what I installed
> was 25pf. It's not real easy to remove so thought I would ask if a
> 25pf cap might cause the problem I am having before doing that.
>
> Thanks for any help you can give.
>
> 73,
>
> James/KB7LJP
>

James,

With my TNT I get a bunch of weak responses in my receiver on frequencies other than the "real" one, which is much, much stronger than the others. The notes of the weaker spurious responses are typically rougher than the one that's "real." Make sure your receiver is tuned to the frequency that gives the strongest signal on the S-meter. If you have a frequency counter put a short (6-8") insulated wire on the input and sniff around the tank coil with it; it will indicate the actual output frequency. (I use a 2M "rubber ducky" antenna on the freq. counter input.)

I agree that 25 pF would be way too small for the grid DC blocking cap, even 250 pF seems too small, as Don indicated. I'd think something between 2000 - 5000 pF would be more appropriate.

73/GL,
-Larry/NE1S

14485. Re: [AWA Group] Re: TNT Testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-07 18:17:26 UTC
From: James Sweeden
Topic: 14434 Message: 14485

With the sniffer near the plate coil I find that the bulb glows brighter as I lower the freq and the plate current drops but I do not come to a peak where the bulb starts to dim again. I am sure I have at least one extra turn on the grid coil so think I should start removing turns to see if I can find a peak and get to fall in the 40 meter band (when I am as low as I can go the freq is ~6.7). Does that sound like a good idea? I tried 130 VDC on the plate but that didn't help. I will also try to measure the freq as suggested in another post to see if I am where I think I am.

Thank you,

James/KB7LJP

On 06-Dec-16 3:27 PM, dulmagedon@... [AWAGroup] wrote:
>
> first before doing anything else using the sniffer find the spot where
> your bulb glows the brightest. Then check it on that freq on ur rx.
> check your grdlk resistor for value. Make sure your heater voltage is
> in the ballpark.
> 100v isnt much but since you are making rf ? Try less coupling on the
> antenna coil . If all else fails hook it to Ur antenna and give us the
> freq!
> donVe3LYX.
>

14486. Re: [AWA Group] TNT Testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-07 18:19:39 UTC
From: James Sweeden
Topic: 14434 Message: 14486

Good idea, I will give that a try.

James/KB7LJP

On 07-Dec-16 3:28 AM, Larry Szendrei ne1s@... [AWAGroup] wrote:
>
>
>
> With my TNT I get a bunch of weak responses in my receiver on
> frequencies other than the "real" one, which is much, much stronger
> than the others. The notes of the weaker spurious responses are
> typically rougher than the one that's "real." Make sure your receiver
> is tuned to the frequency that gives the strongest signal on the
> S-meter. If you have a frequency counter put a short (6-8") insulated
> wire on the input and sniff around the tank coil with it; it will
> indicate the actual output frequency. (I use a 2M "rubber ducky"
> antenna on the freq. counter input.)
>
> I agree that 25 pF would be way too small for the grid DC blocking
> cap, even 250 pF seems too small, as Don indicated. I'd think
> something between 2000 - 5000 pF would be more appropriate.
>

14487. VE7SL & BK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-07 18:26:20 UTC
From: Steve
Topic: 14434 Message: 14487

Unfortunately I will not be on for this year's BK event...the first one I have missed in several years since first building my TNT.

My xyl, who has been in Florida for the past 2 weeks will be returning home on Saturday night and it's probably not the best idea to quickly disappear into the shack for the evening :-)

Unfortunately, the second weekend is the 160m Stew Perry event, one which I have always been able to operate in but this year, both BK's were moved back one week. This allowed participation in the ARRL 160 CW which had always been a conflict but unfortunately has now created a new conflict with the very popular 160 SP event.

Hopefully this notification will prevent several of you for searching for me during this year's BK!

Steve 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

14488. Re: [AWA Group] VE7SL & BK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-07 18:37:01 UTC
From: N1BUG
Topic: 14434 Message: 14488

You will be missed but we understand!

This brings up an important point. All 160m BK activity this year
needs to be on the FIRST weekend, NOT the second as has been the
case in past years.

I plan to participate but it is going to be difficult pulling myself
away from projects. I am in a particularly productive building
spree, though it is not OT stuff.

73,
Paul N1BUG

On 12/07/2016 01:26 PM, 'Steve' ve7sl@... [AWAGroup] wrote:
> Unfortunately I will not be on for this year's BK event...the first one I
> have missed in several years since first building my TNT.
>
> My xyl, who has been in Florida for the past 2 weeks will be returning home
> on Saturday night and it's probably not the best idea to quickly disappear
> into the shack for the evening :-)
>
> Unfortunately, the second weekend is the 160m Stew Perry event, one which I
> have always been able to operate in but this year, both BK's were moved back
> one week. This allowed participation in the ARRL 160 CW which had always
> been a conflict but unfortunately has now created a new conflict with the
> very popular 160 SP event.
>
> Hopefully this notification will prevent several of you for searching for me
> during this year's BK!
>
> Steve 73

14489. Re: [AWA Group] VE7SL & BK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-07 18:31:31 UTC
From: Larry Szendrei
Topic: 14434 Message: 14489

On 12/7/16 1:26 PM, 'Steve' ve7sl@... [AWAGroup] wrote:
>
> Unfortunately I will not be on for this year's BK event...the first one I
> have missed in several years since first building my TNT.
>
You'll be missed, Steve. I always look forward to a BK QSO with VE7SL
every year on 40M, if not 80M as well.

73,
-Larry/NE1S

14490. Re TNT Testing and SW-3

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-07 18:46:55 UTC
From: JAMES HANLON
Topic: 14490 Message: 14490

I run a 10 Hartley myself, both "barefoot" and as the oscillator in my MOPA. I do not have any particular trouble with a hummy signal even though I do run 7.5 vac on the filaments. However, in the BK I have noticed that many TNT rigs sound very hummy. Is it perhaps related to that particular oscillator circuit?

On the SW-3, mine has never been microphonic. Perhaps tapping the tubes or other potentially offending parts would turn up the problem. I run a home-brew, VR tube regulated power supply for my B+. It probably helps the receiver stability when I key a big rig like my Globe King 275 plugged into the same power outlet.

Jim, W8KGI

14491. Re: [AWA Group] Re: TNT Testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-07 18:58:04 UTC
From: Don Dulmage
Topic: 14434 Message: 14491

James you have it figured right.
excellant.
donVe3LYX

On Wed, 12/7/16, James Sweeden kb7ljp@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Re: TNT Testing
To: AWAGroup@yahoogroups.com
Received: Wednesday, December 7, 2016, 1:17 PM

With the sniffer near the plate coil I find that
the bulb glows
brighter as I lower the freq and the plate current
drops but I do
not come to a peak where the bulb starts to dim
again. I am sure
I have at least one extra turn on the grid coil so
think I should
start removing turns to see if I can find a peak and
get to fall
in the 40 meter band (when I am as low as I can go the
freq is
~6.7). Does that sound like a good idea? I tried
130 VDC on the
plate but that didn't help. I will also try to
measure the freq
as suggested in another post to see if I am where I
think I am.
Thank you,
James/KB7LJP

On 06-Dec-16
3:27 PM,
dulmagedon@...
[AWAGroup] wrote:

first before doing anything else using the
sniffer find
the spot where your bulb glows the brightest.
Then check
it on that freq on ur rx. check your grdlk
resistor for
value. Make sure your heater voltage is in the
ballpark.

100v isnt much but since you are making rf ?
Try less
coupling on the antenna coil . If all else
fails hook it
to Ur antenna and give us the freq!

donVe3LYX.

14492. Re: [AWA Group] VE7SL & BK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-07 19:29:26 UTC
From: Steve
Topic: 14434 Message: 14492

Tnx Larry & Paul....working the '1's is always the highlight for me.
Hopefully again next year. Setting up is also huge task for me as it usually
takes at least two full days ...as well as requiring some antenna radial
deployment. Right now it is howling out front with ~ -10 wind chill...which
some would say is perfect weather for antenna work.

> You'll be missed, Steve. I always look forward to a BK QSO with VE7SL
> every year on 40M, if not 80M as well.

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

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http://ve7sl.blogspot.ca/

14493. Re: [AWA Group] Re: TNT Testing

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-07 19:36:06 UTC
From: James Sweeden
Topic: 14434 Message: 14493
Attachments: 1 described; binary payloads are missing from this source WARC

I am using a 71A. The plate the tuning cap is mounted on is really two plates spaced apart from each other to form a cap to get me in the 40 meter band (if that is really where I am).

Thanks for your help.

James/KB7LJP

P.S. Tried sending this direct several times using 2 different addresses and 2 different e-mail programs but received delivery failure notice each time, not sure what the problem is so am sending to the group. I have checked my freq with a counter and it, like me, thinks I am in the 40 meter band.

On 07-Dec-16 10:22 AM, Louis Vermond wrote:
> Please send me a top photo of ur TNT. What tube are you using? Tks,
> Lou VE3AWA
>

14494. TNT Testing de VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-07 22:44:41 UTC
From: Louis Vermond
Topic: 14494 Message: 14494
Attachments: 1 described; binary payloads are missing from this source WARC

Tks James,
First reaction to opening the photo was, "Nnnice!". You seem to be an old hand at tank coil winding.

I am using a 71A. I've a rig using a 71A. Found that the best grid leak value to be in the 38K range. (The best resistance value was rather broad.) I determined that value by using a 50K rheostat in place of the fixed leak. Key down, I tuned the rheo looking for the lowest Ip, best signal tone, least chirp and drift.

As well, I found that 225V B+ was not a problem, but used 200V when operating the rig. At 200V the output was, as I recall, 3Ws under proper loading.

I am wondering if you will achieve the Kelley legal input of 10Ws with that tank and antenna coil mount spacing. After you've gotten the rig operating OK and your satisfied with the output, fine, but if to low, suggest that you temporarily mount the antenna coil outboard closer to the tank for a comparison. As has been mentioned here already, the greater the load, the less Collins like the signal quality. So what. Load 'er up for that 10Ws because the Kelley Gang here is expecting big things from Port Angeles, Washington.

The plate the tuning cap is mounted on is really two plates spaced apart from each other.... What is the maximum capacity of this plate condenser?

P.S. Tried sending this direct several times using 2 different addresses and 2 different e-mail programs but received delivery failure notice each time, not sure what the problem is ... Nor do I.

I have checked my freq with a counter and it, like me, thinks I am in the 40 meter band. You're almost home, James!

73, Lou
VE3AWA

Look closely. Impressive detail work.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14495. Re: [AWA Group] TNT Testing de VE3AWA [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-08 00:03:15 UTC
From: Larry Szendrei
Topic: 14494 Message: 14495

On 12/7/16 5:44 PM, 'Louis Vermond' ve3awa@... [AWAGroup] wrote:
>
> □
>
> Look closely. Impressive detail work.
>

Indeed. I see some Tektronix ceramic terminal strips weer used, as well.

73,
-Larry/NE1S
>
>

14496. Removing octal socket from tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-08 00:40:02 UTC
From: aflowers@frontiernet.net
Topic: 14496 Message: 14496

Surely there is a good way to do this, but web searching is getting me nothing but noise of how to repair or replace a socket that I already loose; I want to separate the base from a well glued tube. I'm making a 5U4 replacement and I have a few junky, dirty tubes with octal bases that I can sacrifice, but they have tight bases!
What's the best way to get off a socket without blood? Any (relatively safe) household solvents do the trick?
Thanks,Andy K0SM/2

14497. Re: [AWA Group] Removing octal socket from tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-08 00:52:06 UTC
From: Louis Vermond
Topic: 14496 Message: 14497

Break the bulb. Remove stem and potting glue with a needlenose pliers. Easy really...

MSN tonight, Andy?

Lou

----- Original Message -----
From: 'aflowers@...' aflowers@... [AWAGroup]
To: AWAGroup
Sent: 2016-12-07 7:40 PM
Subject: [AWA Group] Removing octal socket from tube

Surely there is a good way to do this, but web searching is getting me nothing but noise of how to repair or replace a socket that I already loose; I want to separate the base from a well glued tube. I'm making a 5U4 replacement and I have a few junky, dirty tubes with octal bases that I can sacrifice, but they have tight bases!

What's the best way to get off a socket without blood? Any (relatively safe) household solvents do the trick?

Thanks,
Andy K0SM/2

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https://www.avast.com/antivirus

14498. Re: [AWA Group] Removing octal socket from tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-08 01:33:14 UTC
From: aflowers@frontiernet.net
Topic: 14496 Message: 14498

"Hulk Smash!"
I can attest that the barbarian approach works. Thanks, Lou!
Andy K0SM/2

On Wednesday, December 7, 2016 7:51 PM, "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

☐Break the bulb. Remove stem and potting glue with a needlenose pliers. Easy really... MSN tonight, Andy? Lou ----- Original Message ----- From: 'aflowers@...' aflowers@... [AWAGroup] To: AWAGroup Sent: 2016-12-07 7:40 PM Subject: [AWA Group] Removing octal socket from tube

Surely there is a good way to do this, but web searching is getting me nothing but noise of how to repair or replace a socket that I already loose; I want to separate the base from a well glued tube. I'm making a 5U4 replacement and I have a few junky, dirty tubes with octal bases that I can sacrifice, but they have tight bases!
What's the best way to get off a socket without blood? Any (relatively safe) household solvents do the trick?
Thanks, Andy K0SM/2

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www.avast.com |

14499. Re: [AWA Group] Removing octal socket from tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-08 01:42:57 UTC
From: Louis Vermond
Topic: 14496 Message: 14499

5 cents, pse.

----- Original Message -----
From: 'aflowers@frontiernet.net' aflowers@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-12-07 8:33 PM
Subject: Re: [AWA Group] Removing octal socket from tube

"Hulk Smash!"

I can attest that the barbarian approach works. Thanks, Lou!

Andy K0SM/2

On Wednesday, December 7, 2016 7:51 PM, "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

☐
Break the bulb. Remove stem and potting glue with a needlenose pliers. Easy really...

MSN tonight, Andy?

Lou

----- Original Message -----
From: 'aflowers@frontiernet.net' aflowers@... [AWAGroup]
To: AWAGroup
Sent: 2016-12-07 7:40 PM
Subject: [AWA Group] Removing octal socket from tube

Surely there is a good way to do this, but web searching is getting me nothing but noise of how to repair or replace a socket that I already loose; I want to separate the base from a well glued tube. I'm making a 5U4 replacement and I have a few junky, dirty tubes with octal bases that I can sacrifice, but they have tight bases!

What's the best way to get off a socket without blood? Any (relatively safe) household solvents do the trick?

Thanks,
Andy K0SM/2

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https://www.avast.com/antivirus

14500. Re: Removing octal socket from tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-08 01:53:10 UTC
From: pacquerat@...
Topic: 14496 Message: 14500

Andy,

Part of the base adhesive chemistry is shellac. Soak the base in a small cup of De-natured alcohol overnight. In the morning, shake out the alcohol from the base and begin wiggling it. As it loosens dunk in alcohol and continue. when it is real loose, shake out remaining alcohol and start to de-solder the pins while twisting the base. Move from pin to pin with the soldering iron, with a little luck, all the pins will de-solder and the envelope will pull free leaving the pins almost clean. The remaining base adhesive should be crumbly and can be removed with a a soft scraper or screwdriver. A final cleaning of the pins and it should be fine...

I have waned to replace bases on a few 250's and a couple of 245's and use porcelain bases. However, I need a cement that won't break the glass and can take the heat as well as be RF transparent. I am aware of Sauereisen Cement but was hoping for a hardware store alternative like furnace cement. Anyone have something that works?

GL with diode replacement.

Chas
WA1JFD

14501. Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-08 02:25:30 UTC
From: dulmagedon@...
Topic: 14501 Message: 14501

The TCS 12 Collins is now working properly. Currently set up on 3705kcs AM phone. Lifelong dream come true.

donVe3LYX

14502. Re: [AWA Group] Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-08 03:06:27 UTC
From: N3IBX
Topic: 14501 Message: 14502

Don,
? ? ? ? Congratulations and the best of luck with your TCS-12. May it serve you well for many years to come!?;
Joe Cro N3IBX
?
?
On 12/07/16, dulmagedon@yahoo.ca [AWAGroup] wrote:
?
?

The TCS 12 Collins is now working properly. Currently set up on 3705kcs AM phone.
Lifelong dream come true.
donVe3LYX

14503. Re: [AWA Group] TNT Testing de VE3AWA [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-08 04:37:33 UTC
From: James Sweeden
Topic: 14494 Message: 14503

Thanks for the kind words.

I will change the grid leak resistor to something close to 38K. Can that be wire wound? I pulled the cap across the grid leak resistor to see if it was 250pf or 25pf and it measured 250pf which was what I thought I was installing. What value does your 71A rig use?

I should have left myself a little more room on the left hand side of the board but when I get it working will devise a way to move the antenna coil for tighter coupling.

I think the tuning cap is about 120pf and the whole assy. about 470pf. I placed a 470pf silver mica cap across the tank coil after winding it and tested that with my grid dip meter and found I could tune from just under the 40 meter band on up. The setup installed does the same starting at about 6.7Mc.

Thank you for your help!

73,

James/KB7LJP

On 07-Dec-16 2:44 PM, 'Louis Vermond' ve3awa@... [AWAGroup] wrote:
>
> □
>
> Tks James,
>
> First reaction to opening the photo was, "Nnnice!". You seem to be an
> old hand at tank coil winding.
>
> I am using a 71A. I've a rig using a 71A. Found that the best grid
> leak value to be in the 38K range. (The best resistance value was
> rather broad.) I determined that value by using a 50K rheostat in
> place of the fixed leak. Key down, I tuned the rheo looking for the
> lowest Ip, best signal tone, least chirp and drift.
>
> As well, I found that 225V B+ was not a problem, but used 200V when
> operating the rig. At 200V the output was, as//I recall, 3Ws under
> proper loading.
>
> I am wondering if you will achieve the Kelley legal input of 10Ws with
> that tank and antenna coil mount spacing. After you've gotten the rig
> operating OK and your satisfied with the output, fine, but if to low,
> suggest that you temporarily mount the antenna coil outboard closer to

> the tank for a comparison. As has been mentioned here already, the
> greater the load, the less Collins like the signal quality. So what.
> Load 'er up for that 10Ws because the Kelley Gang here is expecting
> big things from Port Angeles, Washington.
>
> The plate the tuning cap is mounted on is really two plates spaced
> apart from each other.... What is the maximum capacity of this plate
> condenser?
>
> P.S. Tried sending this direct several times using 2 different
> addresses and 2 different e-mail programs but received delivery
> failure notice each time, not sure what the problem is ... Nor do I.
> I have checked my freq with a counter and it, like me, thinks I am in
> the 40 meter band. You're almost home, James!
>

14504. Re: [AWA Group] TNT Testing de VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-08 04:44:27 UTC
From: James Sweeden
Topic: 14494 Message: 14504

Yes, I was given those by my Elmer, Ken Warren K7RPX, who worked for Tektronix for many years. Sadly he passed away last Feb. He was a good friend and a very knowledgeable Ham, if there was something he didn't know I never found out about it!

73,

James/KB7LJP

On 07-Dec-16 4:03 PM, Larry Szendrei ne1s@... [AWAGroup] wrote:
>
>
> Indeed. I see some Tektronix ceramic terminal strips weer used, as well.
>

14505. Re: [AWA Group] Adventures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-08 12:30:58 UTC
From: dulmagedon@...
Topic: 14501 Message: 14505

This is the radio Dad was most known for. The ARC552. It is in there somewhere, trust me. I think it was also know as "the gas can radio"as it was a plug in deal I believe.I was 9 or 10 years old then but already had my rocket radio and a couple of other Remco plastic specials. This is where my radio interest began. I have been in this plant many times , usually Saturday mornings.
The company also built 75A receivers at the Bermondsey Road plant.
So the Collins station for me is in Dad's memory. My brother Dave who was executor said Dad had an ARC552 set but somehow in the frey of his passing it has vanished.
I well remember the days when they were designing this radio which included a free trip for the family to California while Dad had to spend days at Lockheed making sure the radio design would fit the Fighter jet cockpit design.
Never heard Dad ever say a bad word about Collins. I always wanted a Collins something ever since. Now I have it. Dad would be pleased I think.
donVe3LYX

14506. Re: [AWA Group] TNT Testing de VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-08 17:27:29 UTC
From: Louis Vermond
Topic: 14494 Message: 14506
Attachments: 1 described; binary payloads are missing from this source WARC

Hi James,
I will change the grid leak resistor to something close to 38K. Something close, yes. 10K (for a 210) and 50K (245) were not OK.

Can that be wire wound? Yes.

I pulled the cap across the grid leak resistor to see if it was 250pf or 25pf and it measured 250pf which was what I thought I was installing. 250pfd. / .00025 is the norm.

What value does your 71A rig use? .00025 Sangamo.

I think the tuning cap is about 120pf and the whole assy. about 470pf. I have never seen or heard of this approach. Clever.

Thank you for your help! Glad to help.

73, Lou VE3AWA

71A with 38K Lavite leak at right

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https://www.avast.com/antivirus

14507. G3ZDQ Hull Hartley Transmitter for the Bruce Kelly QSP Party

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-08 19:20:33 UTC
From: g3zdq@...
Topic: 14507 Message: 14507
Attachments: 5 described; binary payloads are missing from this source WARC

Hi my name is Ian G3ZDQ, licenced since 1968, I've been building and collecting UK radios and transmitters for quite a while and Eddystone radios for the last 15 years. Checking the Eddystone web site, I saw a request had been posted for Ceramic Beehive Insulators. Over several months the posting remained, seemingly unanswered. Now in addition to collecting and renovating Eddystones, British RAF receivers, KW and various others, I also have an interest in radio components and have collected quite a few early components, some unused and boxed, including two unused Eddystone beehive insulators. Many have been given by radio enthusiasts who have reached that point in their lives where they suddenly realise they either need to pass the bits on or heaven forbid dump them in the trash before an unthinking relative does! So that's how I first came to know Lou VE3AWA, I replied to his posting and a whole new chapter unfolded on my radio hobby. The wonderful world of home built vintage transmitters. Thanks Lou!

About 2 weeks after the beehive insulators arrived in Canada a parcel arrived in my back porch. You can imagine my surprise. Inside was a beautiful UX-171A triode valve, circa 1927, valve holder, a data sheet and a note from Lou, with a few words " a little nudge". Well, that valve had to be used and four months later you can see the result. My interpretation of a Hull Hartley transmitter, which I am hoping to use in the forthcoming Bruce Kelly QSO Party this coming weekend in December 2016.

When Lou sent the UX-171A valve, there was no suggestion as to what form of transmitter to build, so I did quite a lot of searching about the BK QSO Party and what types of transmitters were being used. There is an amazing amount of information out there and some superb photos of the transmitters that have been built and used. Lou sent me some photos of the many types of transmitter that he has created, which gave me a clue as to how to start. One particular photo from Wireless World Review August 1924 shows a low power rig, which uses similar components and construction to mine, although I only saw this article after I had finished my rig.

I eventually decided on the Hull Hartley design. Not quite sure why. It just looked right and gave the prospect of a stable signal for my first attempt. I used the circuit and papers from “Building a Classic – The Hull Hartley Transmitter” (VE7SL) as a guide. Once I had the circuit my first challenge was collecting the necessary components and not just any components. It had to look right as well as function! I searched my collection and my junk box and amazingly came up with everything I needed apart from the main coils. In the garage I had an early circa 1930 half completed home made receiver built on wooden base, which I decided would make an excellent base for my transmitter. The wood was a little distorted and as stability was is fundamental to achieving my goal, I decided to strengthen the base with 3/4 inch ply. After sanding and applying several coats of Danish oil the finished

base looked the part, a rich golden colour, showing the grain and the old screw holes from its use in the receiver.

Prototyping the layout was great fun and took many days … many days! The Hull Hartley design positions the valve on top of the main tuning capacitor and also many of the other resistors and capacitors to reduce lead lengths and improve mechanical stability. I did not have any National DX variable capacitors but what I did have were several precision capacitors mounted in wooden cases. One of these had a tuning dial which offered a Vernier scale. The wooden case allows the valve base and the grid and filament components to be mounted in a similar way to the original Hull Hartley design. The grid capacitor uses an early Lissen component which has had the pitch removed by carefully heating with a paint stripper gun. A 250 pF silver mica capacitor 500 V dc working has then been carefully fitted within the old case. The grid resistor was initially 10K ohm and gave a roughish note. After testing and a suggestion by Lou this has been changed to 33K. The note is okay now but does change a bit every time I power up!

The transmitter is putting out just over 1 watt into 50 ohms. I tested it with Lou VE3AWA on Friday 2nd December 2016 using a 40 meter Inverted V. So far we have not made contact, but I will be monitoring the 40 band between 22:00 and 03:00 GMT during the next two BK weekends. So Please keep an ear out for an interesting CW tone from the UK! Apart from monitoring the usual 40 meter BK frequencies, I will also be operating between 7.050 and 7.060 MHz. Unfortunately the 7.040 QRP frequency is likely to suffer from digital interference.

Apologies for the long introduction but I hope you find the photos interesting.

14508. Re: [AWA Group] Re: Removing octal socket from tube

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-08 19:26:49 UTC
From: Larry Szendrei
Topic: 14496 Message: 14508

On 12/7/16 8:53 PM, pacquerat@... [AWAGroup] wrote:
> I have waned to replace bases on a few 250's and a couple of 245's and
> use porcelain bases. However, I need a cement that won't break the
> glass and can take the heat as well as be RF transparent. I am aware
> of Sauereisen Cement but was hoping for a hardware store alternative
> like furnace cement. Anyone have something that works?

I've successfully used the high-temperature black RTV silicone that the
auto parts stores sell for gasket sealing. It remains pliable so there
is no risk of glass cracking from thermal expansion coefficient
mismatch. I've also used it to re-glue plate caps on transmitting tubes
such as 812As, and it seems to hold up OK.

73,
-Larry/NE1S

14509. Re: [AWA Group] G3ZDQ Hull Hartley Transmitter for the Bruce Kelly QSP Party [6 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-08 20:09:36 UTC
From: Steve
Topic: 14507 Message: 14509

Congrats Ian on a wonderful-looking radio! Well done.

I wish you every success in reaching NA after all of that hard (but fun) work.

May I have permission to post a tx photo to my web pages showing various examples of '29 construction?

Steve 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

14510. Re: G3ZDQ Hull Hartley Transmitter for the Bruce Kelly QSP Party

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-08 20:18:53 UTC
From: dulmagedon@...
Topic: 14507 Message: 14510

Let us know when you are testing. I have done some pond hopping with GW3OQK in and around 7035 to as high as 7052. I would be happy to listen for you. Our best times were when he was on a 2200 to 2300Z which seems early here but worked for the pond hops.
donVE3LYX 73

14511. Re: [AWA Group] G3ZDQ Hull Hartley Transmitter for the Bruce Kelly QSP Party

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-08 21:21:33 UTC
From: g3zdq@...
Topic: 14507 Message: 14511

Hi Steve,

I would be very pleased to have you add any of my Hartley tx photos to your web site. I have already learned a great deal from the photos of other vintage tx rigs shown on your site and hope it will continue to help others.

73 Ian
G3ZDQ

In a message dated 08/12/2016 20:09:43 GMT Standard Time, AWAGroup@yahoogroups.com writes:

Congrats Ian on a wonderful-looking radio! Well done.

I wish you every success in reaching NA after all of that hard (but fun) work.

May I have permission to post a tx photo to my web pages showing various examples of '29 construction?

Steve 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

14512. BK 160 Meter Times

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-08 22:19:43 UTC
From: Bill Stewart
Topic: 14512 Message: 14512

Anyone gonna be on 160?
Any suggestions on activity time frames?
Is there another contest next w/e (17th)?
If so, guess this w/e would be the only time
for BK operations.
73 de Bill K4JYS

14513. Re: [AWA Group] G3ZDQ Hull Hartley Transmitter for the Bruce Kelly QSP Party

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-08 22:29:25 UTC
From: Louis Vermond
Topic: 14507 Message: 14513
Attachments: 4 described; binary payloads are missing from this source WARC

Ian,

Thank you for posting photos and bio. A unique project there and certainly here.

GL BK, Lou
VE3AWA

Attached is the article showing the example rig Ian included in his post.

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https://www.avast.com/antivirus

14514. Re: [AWA Group] Re: G3ZDQ Hull Hartley Transmitter for the Bruce Kelly QSP Pa...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-08 23:36:51 UTC
From: g3zdq@...
Topic: 14514 Message: 14514

Many thanks for the offer Don.

Unfortunately will not have time for any more tests before this weekends BK. I plan to be monitoring the 7.100 - 7.125 range for any BK signals from 23:00 GMT Saturday and Sunday from 22:00 and will reply in that range..

I will also try calling between 7.050 and 7.060 from time to time between 23:00 GMT and 03:00 GMT Saturday night.

After BK will let you know when I may be able to test again with Lou.

GL with BK. 73 Ian
G3ZDQ

In a message dated 08/12/2016 20:18:58 GMT Standard Time,
AWAGroup@yahoogroups.com writes:

Let us know when you are testing. I have done some pond hopping with GW3OQK in and around 7035 to as high as 7052. I would be happy to listen for you. Our best times were when he was on a 2200 to 2300Z which seems early here but worked for the pond hops.
donVE3LYX 73

14515. Re: [AWA Group] G3ZDQ Hull Hartley Transmitter for the Bruce Kelly QSP Party ...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-08 23:40:28 UTC
From: g3zdq@...
Topic: 14515 Message: 14515

Lou,

Thanks for the article and your help and support in getting this far with the Hartley.

GL this weekend.

73 Ian
G3ZDQ

In a message dated 08/12/2016 22:30:44 GMT Standard Time, AWAGroup@yahoogroups.com writes:

☐
Ian,

Thank you for posting photos and bio. A unique project there and certainly here.

GL BK, Lou
VE3AWA

Attached is the article showing the example rig Ian included in his post.

_____
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14516. ARRL AM Operating Event this Sunday December 11th:

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-09 02:31:28 UTC
From: N3IBX
Topic: 14516 Message: 14516

?Hello All,
? ? ? ? ? ? ? ?There will be an AM Operating event this Sunday December 11, between 7AM and 5PM on the usual AM Operating frequencies on 40M and 75M. This is being done in celebration and recognition of the first American signals being heard across the Atlantic Ocean in Ardrossan Scotland ninety-five years ago on December 11, 1921 with 1BCG in Greenwich, Ct. being heard the first, loudest and most often. There were a total of 26 US stations beng heard in Scotland during that momentous event.?

The commemorative?AM station will be "N1BCG". It will consist of a E.F. Johnson "Valiant" transmitter and a National "NC-303" receiver with a little over 100W output into a conventional type dipole antenna.?

If you hear N1BCG calling on one of the popular AM haunts on 40M and 75M; get back to them and exchange signal reports, audio quality, and how much you enjoy AM. ?It won't matter whether you're running vintage gear, a "ricebox", a Flex radio or even Class E. equipment. Let them know of your support for the mode.?

I was told of the above operating event by Norm Fusaro, W3IZ of the ARRL. Many thanks to Norm for passing this information along. I hope to hear you on the bands!

Mod-U-Later,
? ? ? ? ? ? ? ? ? ? ?Joe Cro N3IBX

14517. Re: BK 160 Meter Times

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-09 03:26:55 UTC
From: dfaklis@...
Topic: 14512 Message: 14517

Bill, I will be on 160 this Saturday during BK.

I will be operating the Stew Perry TBDC the following weekend.

73, Dean, NW2K

14518. Re: [AWA Group] Re: BK 160 Meter Times

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-09 15:18:40 UTC
From: Bill Stewart
Topic: 14512 Message: 14518

Hey Dean,
Hope to wrk you on TB as well as other BK bands.
I will be QRV on 160 around the following times
(+/- depending on how business is on other bands):
8PM, 10PM and 12Midnite. These times are not
nailed down and can go to 160 most any time. Will
be using separate station on 160.

If the SP is the following w/e, guess this w/e will be our
only workable time.

GL, 73 de Bill K4JYS

From: "dfaklis@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Thursday, December 8, 2016 10:26:55 PM
Subject: [AWA Group] Re: BK 160 Meter Times

Bill, I will be on 160 this Saturday during BK.

I will be operating the Stew Perry TBDC the following weekend.

73, Dean, NW2K

14519. Re: [AWA Group] G3ZDQ Hull Hartley Transmitter for the Bruce Kelly QSP Party

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-09 17:00:27 UTC
From: Steve
Topic: 14507 Message: 14519

>I would be very pleased to have you add any of my Hartley tx photos to
your web site.

Thanks Ian...ur now in the gallery !

http://members.shaw.ca/ve7sl/tnt.html

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

14520. ISO Meissner 14-1005 RF Ant Coil

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-09 17:56:33 UTC
From: Carl Nord
Topic: 14520 Message: 14520
Attachments: 1 described; binary payloads are missing from this source WARC

In search of 1 Meissner 14-1005 Ant RF coil to finish a project. Already bought out Playthings of The Past!

Please let me know price including shipping to Connecticut

Thanks and 73

Carl Nord

WA1KPD

14521. BK 160 Meter Times de VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-09 19:01:14 UTC
From: Louis Vermond
Topic: 14521 Message: 14521

Hi Bill,

Which rig(s) are you using for the BK?

Lou

Hey Dean,
Hope to wrk you on TB as well as other BK bands.
I will be QRV on 160 around the following times
(+/- depending on how business is on other bands):
8PM, 10PM and 12Midnite. These times are not
nailed down and can go to 160 most any time. Will
be using separate station on 160.

If the SP is the following w/e, guess this w/e will be our
only workable time.

GL, 73 de Bill K4JYS

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https://www.avast.com/antivirus

14522. Re: [AWA Group] BK 160 Meter Times de VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-09 19:18:17 UTC
From: Bill Stewart
Topic: 14521 Message: 14522

Hi Lou,
'29 Hartley 80/40m
'29 TNT (usually try a few Qs with it) 80m
'24 four-coil Meissner 160m @3w out
B

----- Original Message -----

From: "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Friday, December 9, 2016 2:01:14 PM
Subject: [AWA Group] BK 160 Meter Times de VE3AWA

Hi Bill,

Which rig(s) are you using for the BK?

Lou

Hey Dean,
Hope to wrk you on TB as well as other BK bands.
I will be QRV on 160 around the following times
(+/- depending on how business is on other bands):
8PM, 10PM and 12Midnite. These times are not
nailed down and can go to 160 most any time. Will
be using separate station on 160.

If the SP is the following w/e, guess this w/e will be our
only workable time.

GL, 73 de Bill K4JYS

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14523. BK WA6VYN on now 7.107

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-09 22:28:46 UTC
From: Doug Forbes
Topic: 14521 Message: 14523

I know it's early but thought I'd just see if anyone heard it.

Doug Forbes WA6VYN

On 12/9/2016 12:18 PM, Bill Stewart cwopr@... [AWAGroup] wrote:
>
>
> Hi Lou,
> '29 Hartley 80/40m
> '29 TNT (usually try a few Qs with it) 80m
> '24 four-coil Meissner 160m @3w out
> B
>
> ---
> *From: *"'Louis Vermond' ve3awa@... [AWAGroup]"
> <AWAGroup@yahoogroups.com>
> *To: *AWAGroup@yahoogroups.com
> *Sent: *Friday, December 9, 2016 2:01:14 PM
> *Subject: *[AWA Group] BK 160 Meter Times de VE3AWA
>
> □
>
> Hi Bill,
> Which rig(s) are you using for the BK?
> Lou
>
> Hey Dean,
> Hope to wrk you on TB as well as other BK bands.
> I will be QRV on 160 around the following times
> (+/- depending on how business is on other bands):
> 8PM, 10PM and 12Midnite. These times are not
> nailed down and can go to 160 most any time. Will
> be using separate station on 160.
>
> If the SP is the following w/e, guess this w/e will be our
> only workable time.
>
> GL, 73 de Bill K4JYS
>
>
>
> ---
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>

14524. BK 160 Meter Times W2ICE/4 de VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-09 23:53:47 UTC
From: Louis Vermond
Topic: 14524 Message: 14524
Attachments: 1 described; binary payloads are missing from this source WARC

'29 Hartley 80/40m
'29 TNT (usually try a few Qs with it) 80m
'24 four-coil Meissner 160m @3w out
B

Hello Bill es TKS.

Hope to work your Meissner. GL....

73, Lou
VE3AWA

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14525. UK active BK event today

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 10:24:27 UTC
From: tannebri1@...
Topic: 14525 Message: 14525

Hi All

Although not old enough to enter the event I will monitor 40M tonight for an hour or two and will have the HRO/6L6 setup warmed up. Unfortunately only have one suitable xtal for the 6L6 and that is 7100Kcs

73 Brian

G6HUI

14526. Re: BK 160 Meter Times W2ICE/4 de VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 11:19:57 UTC
From: dfaklis@...
Topic: 14524 Message: 14526

Sounds good for tonight. I will then plan for 160 at EST: 8pm, 10pm, and midnight, +/-.

Thanks! 73, Dean, NW2K

14527. Re: UK active BK event today

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 11:26:54 UTC
From: Thomas Höppe
Topic: 14525 Message: 14527

Hello Brian!

I had nearly the same plans. I wanted to take my most powerful WW2 spy-set replica and try to make QSOs during the BC party. I have beverage RX antennas for RX, but I think I need to good signal to get heard. Then I checked the rules on the homepage. QSOs with XTAL controlled stations don□t count. The stations getting called by non rule conform stations are advised to □point them to the webpage□. Calling in with XTAL controlled 6L6 will only waste valuable time for the rule conform station that could be used to make valid QSOs inside NA. With 10W input limit it will be hard to make valid QSOs from EU to NA. But this are the rules we have to accept.

My Hartley only makes 2W out. So I decided NOT to try.

My plans are to make a callup for tests to cross the lake around Christmas.
What do you think about that?

My 2 cents ..Tom, DJ5RE

14528. Re: UK active BK event today

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 11:57:47 UTC
From: dulmagedon@...
Topic: 14525 Message: 14528

So I decided NOT to try.

WAS???????
You could work Ian in UK. He is ready to roll. Who knows we might hear U .
I will be late starting as I have to attend a Christmas party late afternoon. I am going to start out on 80M with the Dreipunkt (Hartley) till the D cells get tired then I think the Rattrap also on 80M. At midnight, the monster hartley and it has been copied in Europe before BTW. It runs on 40m And usually around 7035 to 7050 if possible.(no traffic)
donVe3LYX

14529. Re: UK active BK event today

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 12:24:14 UTC
From: Thomas Höppe
Topic: 14525 Message: 14529

Yes Don, you red right.

I don☐t have the suitable setup. My Type 27 Hartley is not powerful enough.
I always had in mind to use one of the spy radios.

After checking the rules exactly I found out it makes no sense. Possible QSOs with the spy sets will not count. Imagine, you are not the winner as you wasted your time working me, and the QSO does not count? I could not sleep anymore!

Most of my replicas are late 30☐ies/early 40☐ies.

We☐ll have fun around the Christmas days! I checked 160m at DL0AO yesterday,
the winter RX antennas work great! I worked 28 US-Stations in one hour,
including 3x W7 callsign area. One East-Coast station was ☐QRP☐ .5W!

If you want to try although it will not count, I could offer a sked around 05.00 UTC on Sunday for those who want to try although it will not count.

Big Brother will watch you in any case ;-)

73s Tom

14530. Re: [AWA Group] BK 160 Meter Times W2ICE/4 de VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 14:02:11 UTC
From: Bill Stewart
Topic: 14524 Message: 14530

Lou,
I never heard from AWA re. W2ICE/4. I will be using my call.
Hope we can make it on 160 and other bands...gl...de Bill K4JYS

----- Original Message -----

From: "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Friday, December 9, 2016 6:53:47 PM
Subject: [AWA Group] BK 160 Meter Times W2ICE/4 de VE3AWA

'29 Hartley 80/40m
'29 TNT (usually try a few Qs with it) 80m
'24 four-coil Meissner 160m @3w out
B

Hello Bill es TKS.

Hope to work your Meissner. GL....

73, Lou
VE3AWA

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14531. Re: UK active BK event today

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 14:41:54 UTC
From: tannebri1@...
Topic: 14525 Message: 14531

Hi All

I do not think that any BK station would turn down a Trans Atlantic QSO even if they do not get any points just to be able to say "I made it across the pond like the pioneers did all those years ago". So I will give them a call if they are calling CQ without an answer.

73 Brian

14532. WA6VYN on 7.109 now

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 15:27:09 UTC
From: Doug Forbes
Topic: 14507 Message: 14532

Doug Forbes WA6VYN

14533. Re: UK active BK event today

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 15:28:02 UTC
From: dulmagedon@...
Topic: 14525 Message: 14533

Winning was never even a consideration for me. Fun is. I know during the bk I always look for certain calls. Once I log them I calm down and enjoy the fun. Anyway Tom whatever I hope you are listening a bit. It would be interesting if you can hear any.
donVe3LYX

14534. AW: [AWA Group] Re: UK active BK event today

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 15:43:06 UTC
From: Thomas Höppe
Topic: 14525 Message: 14534
Attachments: 3 described; binary payloads are missing from this source WARC

Hi again!

Brian is right! There might be stations interested to try DX, even when it does not count.

I want to offer skeds. I would call CQ tomorrow, 11.12.2016

It could look like this:

05.00- 05.30 UTC I call CQ AWA at 7035 +/- QRM, using a modern rig and 2 El. Beam.

05.30- 06.00 UTC I call CQ AWA at 3565 +/- QRM, using modern rig and beverage system for RX

06.15 until 07.00 UTC (sunrise) I call CQ AWA at 7028-7033 using a 2x Type 27 Hartley with 2W out, RX modern. This QSOs would count! You need a good RX!

So HW?

Please your short answer to know if anyone is interested in that test. We can also repeat that outside the BC party with RX and TX vintage.

NW PSE KKKK

Tom, DJ5RE

Von: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Gesendet: Samstag, 10. Dezember 2016 15:42
An: AWAGroup@yahoogroups.com
Betreff: [AWA Group] Re: UK active BK event today

Hi All

I do not think that any BK station would turn down a Trans Atlantic QSO even if they do not get any points just to be able to say "I made it across the pond like the pioneers did all those years ago". So I will give them a call if they are calling CQ without an answer.

73 Brian

14535. Sked proposal tomorrow...any interest?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 15:26:05 UTC
From: Thomas Höppe
Topic: 14535 Message: 14535

Hi again!

Brian is right! There might be stations interested to try DX, even when it does not count.

I want to offer skeds. I would call CQ tomorrow, 11.12.2016

It could look like this:

05.00- 05.30 UTC I call CQ AWA at 7035 +/- QRM, using a modern rig and 2 El. Beam.

05.30- 06.00 UTC I call CQ AWA at 3565 +/- QRM, using modern rig and beverage system for RX

06.15 until 07.00 UTC (sunrise) I call CQ AWA at 7028-7033 using a 2x Type 27 Hartley with 2W out, RX modern. This QSOs would count! You need a good RX!

So HW?

Please your short answer to know if anyone is interested in that test. We can also repeat that outside the BC party with RX and TX vintage.

NW PSE KKKK

Tom, DJ5RE

14536. transatlantic reception anniversary special event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 16:02:00 UTC
From: Niel - W0VLZ
Topic: 14536 Message: 14536

Overlapping with the BK is the transatlantic reception anniversary special event. See http://www.arrl.org/news/transatlantic-reception-anniversary-special-event-set-for-december-11. Looks like some of us may want to QSY down to 7040 for a while Sunday.

73,
Niel - W0VLZ (debugging his Hull Hartley again)

14537. Re: [AWA Group] Sked proposal tomorrow...any interest?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 16:24:13 UTC
From: N1BUG
Topic: 14535 Message: 14537

Hi Tom!

I have decided for personal reasons I will not operate the BK party
this year.

But I will try to be awake at 06:15 to 07:00 to listen for your
Hartley signal! If I hear you I will make a recording.

I am sure your 2W signal will make it across the pond unless
propagation is bad. Good luck!

73,
Paul N1BUG

On 12/10/2016 10:26 AM, Thomas H?ppe thomas.hoeppe@...
[AWAGroup] wrote:
>
>
> Hi again!
>
>
>
>
> Brian is right! There might be stations interested to try DX, even
> when it does not count.
>
> I want to offer skeds. I would call CQ tomorrow, 11.12.2016
>
> It could look like this:
>
> 05.00- 05.30 UTC I call CQ AWA at 7035 +/- QRM, using a modern rig
> and 2 El. Beam.
>
> 05.30- 06.00 UTC I call CQ AWA at 3565 +/- QRM, using modern rig and
> beverage system for RX
>
> 06.15 until 07.00 UTC (sunrise) I call CQ AWA at 7028-7033 using a
> 2x Type 27 Hartley with 2W out, RX modern. This QSOs would count!
> You need a good RX!
>
>
>
>
> So HW?
>
> Please your short answer to know if anyone is interested in that
> test. We can also repeat that outside the BC party with RX and TX
> vintage.

>
>
>
> NW PSE KKKK
>
>
>
> Tom, DJ5RE

14538. AW: [AWA Group] Sked proposal tomorrow...any interest?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 16:32:33 UTC
From: Thomas Höppe
Topic: 14535 Message: 14538

Hi Paul!

Great to hear you give it a try.
I am not angry if you also call in in case you hear me, hi.
I'll bring the Hartley out to the hut before I go to sleep, so there is time
for the rig to acclimate in the new location.
So we have a deal. I show up on the bands as I listed below from the DL0AO
clubhouse.
I`ll use a 2 El. "shorty" beam on 40m.

TNX my friend!

Tom, DJ5RE -QTH BY = Bavaria....;-)

-----Ursprüngliche Nachricht-----
Von: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Gesendet: Samstag, 10. Dezember 2016 17:24
An: AWAGroup@yahoogroups.com
Betreff: Re: [AWA Group] Sked proposal tomorrow...any interest?

Hi Tom!

I have decided for personal reasons I will not operate the BK party this
year.

But I will try to be awake at 06:15 to 07:00 to listen for your Hartley
signal! If I hear you I will make a recording.

I am sure your 2W signal will make it across the pond unless propagation is
bad. Good luck!

73,
Paul N1BUG

On 12/10/2016 10:26 AM, Thomas Höppe thomas.hoeppe@... [AWAGroup]
wrote:
>
>
> Hi again!
>
>
>
> Brian is right! There might be stations interested to try DX, even
> when it does not count.
>
> I want to offer skeds. I would call CQ tomorrow, 11.12.2016
>

> It could look like this:
>
> 05.00- 05.30 UTC I call CQ AWA at 7035 +/- QRM, using a modern rig and
> 2 El. Beam.
>
> 05.30- 06.00 UTC I call CQ AWA at 3565 +/- QRM, using modern rig and
> beverage system for RX
>
> 06.15 until 07.00 UTC (sunrise) I call CQ AWA at 7028-7033 using a 2x
> Type 27 Hartley with 2W out, RX modern. This QSOs would count!
> You need a good RX!
>
>
>
> So HW?
>
> Please your short answer to know if anyone is interested in that test.
> We can also repeat that outside the BC party with RX and TX vintage.
>
>
>
> NW PSE KKKK
>
>
>
> Tom, DJ5RE

Yahoo Groups Links

14539. Re: UK active BK event today

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 16:41:20 UTC
From: tannebri1@...
Topic: 14525 Message: 14539

Hi Tom

I will certainly listen for you on 7035

Brian G6HUI

14540. Re: [AWA Group] Sked proposal tomorrow...any interest?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 16:51:29 UTC
From: dulmagedon@...
Topic: 14535 Message: 14540

Gonna be a sad Bk with no N1BUG. Tis the hi point of the weekend when he works me.
donVe3LYX

14541. Re: UK active BK event today

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 17:03:27 UTC
From: dulmagedon@...
Topic: 14525 Message: 14541
Attachments: 1 described; binary payloads are missing from this source WARC

I'm in. Will be listening and ready to reply.

14542. AW: [AWA Group] Re: UK active BK event today [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 17:05:52 UTC
From: Thomas Höppe
Topic: 14525 Message: 14542
Attachments: 4 described; binary payloads are missing from this source WARC

Great Don! It will be exciting to see what happens!

Tom, DJ5RE

Von: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Gesendet: Samstag, 10. Dezember 2016 18:03
An: AWAGroup@yahoogroups.com
Betreff: [AWA Group] Re: UK active BK event today [1 Attachment]

I'm in. Will be listening and ready to reply.

14543. Re: AW: [AWA Group] Sked proposal tomorrow...any interest?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 17:15:24 UTC
From: N1BUG
Topic: 14535 Message: 14543

When I hear you I will call in... but will be with a modern rig. :-(

I'll use inverted V with Beverages for receiving if needed.

Paul N1BUG

On 12/10/2016 11:32 AM, Thomas H?ppe thomas.hoeppe@...
[AWAGroup] wrote:
> Hi Paul!
>
> Great to hear you give it a try.
> I am not angry if you also call in in case you hear me, hi.
> I'll bring the Hartley out to the hut before I go to sleep, so there is time
> for the rig to acclimate in the new location.
> So we have a deal. I show up on the bands as I listed below from the DL0AO
> clubhouse.
> I`ll use a 2 El. "shorty" beam on 40m.
>
> TNX my friend!
>
> Tom, DJ5RE -QTH BY = Bavaria....;-)

14544. Re: [AWA Group] Sked proposal tomorrow...any interest?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 17:17:30 UTC
From: N1BUG
Topic: 14535 Message: 14544

Sorry Don. But you will have fun working the others! I hope you will
be able to hear my friend Tom from across the pond.

Paul N1BUG

On 12/10/2016 11:51 AM, dulmagedon@... [AWAGroup] wrote:
>
>
> Gonna be a sad Bk with no N1BUG. Tis the hi point of the weekend
> when he works me.
> donVe3LYX

14545. Your W2ICE/1 Experience

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 17:35:37 UTC
From: Bill Stewart
Topic: 14545 Message: 14545

Hey Paul,
Sorry you won't be in the BK this year. I am in a bit of a quandary here. It's down to the wire and have never heard anything re. my use of W2ICE/4 in this years BK. Just wondering, when you used 'ICE' in the BK if you received FCC/AWA paperwork regarding it's use. Or, did you just go ahead and use the call. I don't wanna get into any trouble from either so I am sorta hesitant to use it unless I have some 'official' authorization. I've just sent Tim, W1GIG and Scott, WA9WFA emails, but thought you might have some quick advice. Thanks...73 de Bill K4JYS

14546. Re: [AWA Group] Your W2ICE/1 Experience

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 18:26:34 UTC
From: Whitebear1122
Topic: 14545 Message: 14546

Guys, No there isn’t any paperwork required. You simply operate at W2ICE/4, just like they pass W1HRX around the country for the AWA AM QSO Party.

So no trouble.
> On Dec 10, 2016, at 11:35 AM, Bill Stewart cwopr@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
>
> Hey Paul,
> Sorry you won't be in the BK this year. I am in a bit of a
> quandary here. It's down to the wire and have never heard
> anything re. my use of W2ICE/4 in this years BK. Just
> wondering, when you used 'ICE' in the BK if you received
> FCC/AWA paperwork regarding it's use. Or, did you just go
> ahead and use the call. I don't wanna get into any trouble
> from either so I am sorta hesitant to use it unless I have
> some 'official' authorization. I've just sent Tim, W1GIG and
> Scott, WA9WFA emails, but thought you might have some
> quick advice. Thanks...73 de Bill K4JYS
>
>

14547. Ready to Rumble!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 18:31:53 UTC
From: dulmagedon@...
Topic: 14547 Message: 14547
Attachments: 1 described; binary payloads are missing from this source WARC

Well I am ready, The Drei-punkt (far right (aka hartley) is tuned up on 3607 and I gave it a quick test. It has a very distinct voice. I can't run it long because the tube is on D cells. Hopefully I can log a couple at least. The Rat trap is at the ready next to it and the J38 key is plugged into the PSU for the Monster Hartley for after midnite adventures on 40M. GL to all. I will be late starting.Hopefully around 8pm my time since I have to attend a Christmas Party first. I made sure everything is ready to go so I can throw my coat off run down stairs and fire up. I am just a wee bit cranked I think.
donVe3LYX

14548. W2ICE/4 Ready to Get On the Air!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 18:42:22 UTC
From: Whitebear1122
Topic: 14545 Message: 14548

Oops I accidentally deleted some of this reply and didn't notice it. I emailed Bill separately with the go-ahead.

The registered FCC holder of this callsign is the AWA club and they have authorized it to be used as a special event by one of the members. So there is no paperwork required nor FCC notification. Once they gave us the approval to have Bill run the callsign, that is all that was needed. They do the same thing with W1HRX, James Millen's callsign, for their AWA AM QSO Party. Often W2AN, AWA flagship station, is heard in the 1929 QSO Party. I haven't heard anything about W2AN this year so I hope to run into them as well.

I will be on late tonight after getting home. I hope some of the guys will still be around since it will be 10:30 or later.. I'll be on 40 meters tomorrow though.

Best of luck to all and I hope to hear and work each and every one of you :)

73, Scott WA9WFA

> On Dec 10, 2016, at 12:26 PM, Whitebear1122 whitebear1122@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> Guys, No there isn't any paperwork required. You simply operate at W2ICE/4, just like they pass W1HRX around the country for the AWA AM QSO Party.
>
>
> So no trouble.

14549. AW: AW: [AWA Group] Sked proposal tomorrow...any interest?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 18:59:27 UTC
From: Thomas Höppe
Topic: 14535 Message: 14549

Perfect! The TX is already out, tuned....

See you...Tom, DJ5RE

-----Ursprüngliche Nachricht-----
Von: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Gesendet: Samstag, 10. Dezember 2016 18:15
An: AWAGroup@yahoogroups.com
Betreff: Re: AW: [AWA Group] Sked proposal tomorrow...any interest?

When I hear you I will call in... but will be with a modern rig. :-(

I'll use inverted V with Beverages for receiving if needed.

Paul N1BUG

On 12/10/2016 11:32 AM, Thomas Höppe thomas.hoeppe@... [AWAGroup]
wrote:
> Hi Paul!
>
> Great to hear you give it a try.
> I am not angry if you also call in in case you hear me, hi.
> I'll bring the Hartley out to the hut before I go to sleep, so there
> is time for the rig to acclimate in the new location.
> So we have a deal. I show up on the bands as I listed below from the
> DL0AO clubhouse.
> I`ll use a 2 El. "shorty" beam on 40m.
>
> TNX my friend!
>
> Tom, DJ5RE -QTH BY = Bavaria....;-)

Yahoo Groups Links

14550. Re: [AWA Group] Sked proposal tomorrow...any interest?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 19:01:53 UTC
From: Louis Vermond
Topic: 14535 Message: 14550

I hope you will be able to hear my friend Tom from across the pond. Paul N1BUG

And Ian, G3ZDQ as well. 23:00Z - 03:00Z 40 meters...

Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14551. Testing 40m at 3pm EST

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 19:43:28 UTC
From: aflowers@frontiernet.net
Topic: 14551 Message: 14551

I just got a temporary 40M Vee up so that I can get on 40M this evening fro the BK, in addition to the 80m. I'll be around 7112 +/- at 3pm EST to test out a 203A transmitter that I scrounged together last night. It would be nice to have a signal report if anyone is around.
Thanks!Andy K0SM/2

14552. Re: [AWA Group] Sked proposal tomorrow...any interest?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 19:59:08 UTC
From: N1BUG
Topic: 14535 Message: 14552

> And Ian, G3ZDQ as well. 23:00Z - 03:00Z 40 meters...

Indeed. I will try to listen for Ian from time to time and make a recording if I can.

Paul

14553. Hope to See you in the BK 1929 Event tonight!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 20:19:49 UTC
From: Whitebear1122
Topic: 14553 Message: 14553

I just got the push pull Colpitts hooked up and running on 80m with a nice signal. For some reason it sounds pretty rough on 40m so don’t be expecting me to show up with a sweet signal on 40m :)

Bill K4JYS will be operating the Bruce Kelley Special Event Station as W2ICE/4. Bill was top dog last year and agreed to operate as W2ICE/4 this year and put this special call sign in as many logs as possible! This is the 3rd year with Bruce Kelley’s callsign being heard on the air in this 1929 event since his passing. I first operated as W2ICE/0 in 2014, N1BUG Paul operated as W2ICE/1 in 2015, and now Bill K4JYS will have the honors in 2016.

Good luck to all.

73, Scott WA9WFA

14554. Re: [AWA Group] Testing 40m at 3pm EST

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 20:23:36 UTC
From: aflowers@frontiernet.net
Topic: 14551 Message: 14554

Thanks Lou.
I hear N8AFT talking to Lou now and I heard W0VLZ breifly (he didnt' hear me, but I only have 50ma antenna current at the moment. I'll fix the coupling before tonight!) There's RF and someone could hear it, so that's good start.
Andy K0SM/2

On Saturday, December 10, 2016 2:43 PM, "'aflowers@...' aflowers@frontiernet.net [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

I just got a temporary 40M Vee up so that I can get on 40M this evening fro the BK, in addition to the 80m. I'll be around 7112 +/- at 3pm EST to test out a 203A transmitter that I scrounged together last night. It would be nice to have a signal report if anyone is around.
Thanks!Andy K0SM/2

14555. Re: [AWA Group] Re: UK active BK event today

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 20:33:21 UTC
From: Larry Szendrei
Topic: 14525 Message: 14555

On 12/10/16 9:41 AM, tannebri1@... [AWAGroup] wrote:
> Hi All
>
> I do not think that any BK station would turn down a Trans Atlantic
> QSO even if they do not get any points just to be able to say "I made
> it across the pond like the pioneers did all those years ago". So I
> will give them a call if they are calling CQ without an answer.
>
> 73 Brian
>
I will welcome calls from any EU station that hears me whether they are
running 1929-compliant equipment, or not!

73,
-Larry/NE1S

14556. Re: [AWA Group] Testing 40m at 3pm EST

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 20:35:35 UTC
From: Louis Vermond
Topic: 14551 Message: 14556

It would be nice to have a signal report if anyone is around. Andy

40 mtrs. Andy was 576C into St. Marys, Ont.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14557. Re: [AWA Group] Sked proposal tomorrow...any interest?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 20:35:50 UTC
From: Larry Szendrei
Topic: 14535 Message: 14557

Unfortunately I'll be QRT and in bed before 0500 UTC. But some of the
night owls will be there, I'm sure.

73,
-Larry/NE1S

On 12/10/16 10:26 AM, Thomas H?ppe thomas.hoeppe@... [AWAGroup]
wrote:
>
> Hi again!
>
> Brian is right! There might be stations interested to try DX, even
> when it does not count.
>
> I want to offer skeds. I would call CQ tomorrow, 11.12.2016
>
> It could look like this:
>
> 05.00- 05.30 UTC I call CQ AWA at 7035 +/- QRM, using a modern rig and
> 2 El. Beam.
>
> 05.30- 06.00 UTC I call CQ AWA at 3565 +/- QRM, using modern rig and
> beverage system for RX
>
> 06.15 until 07.00 UTC (sunrise) I call CQ AWA at 7028-7033 using a 2x
> Type 27 Hartley with 2W out, RX modern. This QSOs would count! You
> need a good RX!
>
> So HW?
>
> Please your short answer to know if anyone is interested in that test.
> We can also repeat that outside the BC party with RX and TX vintage.
>
> NW PSE KKKK
>
> Tom, DJ5RE
>

14558. Re: [AWA Group] W2ICE/4 Ready to Get On the Air!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 20:40:02 UTC
From: Bill Stewart
Topic: 14545 Message: 14558

Whew...that was close. I was about to pass up this opportunity 'cuz
I just wasn't aware of how it was done....didn't want to do anything
illegal. Thanks to Scott, Paul and a bit of prodding from Lou, I
have the proper guidance and W2ICE/4 will be on the air from
North Carolina.

Here in the last few hours, before starting, does anyone have any
operating time suggestions? For 160m, I plan to be around 1810kc
at 8PM, 10PM and 12Midnight...any need to go past midnight?
I will be running a separate xmtr on 160m, so I will actually be
checking the band at other times as well. On other bands, its hard
to nail down certain operating times. I will probably start out on
40m. May hang out on 40m 'till 9PM or so (there are so many nets
on 80 it's just real hard to find a clear freq...they seem to thin out
around 9PM). Any folks from out west have any operating time
suggestions?

I appreciate the privilege of being allowed to operate as W2ICE/4.
I look forward to working as many stations as possible.

GL...73 de Bill W2ICE/4 - - K4JYS

----- Original Message -----

From: "Whitebear1122 whitebear1122@comcast.net [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Saturday, December 10, 2016 1:42:22 PM
Subject: [AWA Group] W2ICE/4 Ready to Get On the Air!!

Oops I accidentally deleted some of this reply and didn’t notice it. I emailed Bill separately with the go-ahead.

The registered FCC holder of this callsign is the AWA club and they have authorized it to be used as a special event by one of the members. So there is no paperwork required nor FCC notification. Once they gave us the approval to have Bill run the callsign, that is all that was needed. They do the same thing with W1HRX, James Millen’s callsign, for their AWA AM QSO Party. Often W2AN, AWA flagship station, is heard in the 1929 QSO Party. I haven’t heard anything about W2AN this year so I hope to run into them as well.

I will be on late tonight after getting home. I hope some of the guys will still be around since it will be 10:30 or later.. I’ll be on 40 meters tomorrow though.

Best of luck to all and I hope to hear and work each and every one of you :)

73, Scott WA9WFA

On Dec 10, 2016, at 12:26 PM, Whitebear1122 whitebear1122@comcast.net [AWAGroup] < AWAGroup@yahoogroups.com > wrote:

Guys, No there isn’t any paperwork required. You simply operate at W2ICE/4, just like they pass W1HRX around the country for the AWA AM QSO Party.

So no trouble.

14559. Re: [AWA Group] W2ICE/4 Ready to Get On the Air!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 20:49:07 UTC
From: Larry Szendrei
Topic: 14545 Message: 14559

On 12/10/16 3:40 PM, Bill Stewart cwopr@... [AWAGroup] wrote:
> I will probably start out on
> 40m. May hang out on 40m 'till 9PM or so (there are so many nets
> on 80 it's just real hard to find a clear freq...they seem to thin out
> around 9PM).

My plan is to start out on 40M for the 1st 2-3 hours as well (starting
at 2300Z).

73,
-Larry/NE1S

14560. Re: [AWA Group] Sked proposal tomorrow...any interest?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 20:58:20 UTC
From: G3ZDQ
Topic: 14535 Message: 14560

Thanks Lou,
Hartley is tuned up and ready to go. Will try and find clear freq near to 7.050 to start with.

Ian G3ZDQ
Sent from my iphone

> On 10 Dec 2016, at 19:01, 'Louis Vermond' ve3awa@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> □
>
> I hope you will be able to hear my friend Tom from across the pond. Paul N1BUG
>
> And Ian, G3ZDQ as well. 23:00Z - 03:00Z 40 meters...
>
> Lou
>
>
>
>
>
> This email has been checked for viruses by Avast antivirus software.
> www.avast.com
>
>
>

14561. RE: [AWA Group] W2ICE/4 Ready to Get On the Air!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 21:26:56 UTC
From: Carl Nord
Topic: 14545 Message: 14561
Attachments: 1 described; binary payloads are missing from this source WARC

I expect to be on around 9 tonight on 40, and then tomorrow on 40. Was setting up the station today and the rcvr was as dead as could be. Finally traced it to the shielded lead that goes from the Ant terminal to the W.L. coil. It had shorted out. Interesting thing is even with that I could hear stations

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, December 10, 2016 3:49 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] W2ICE/4 Ready to Get On the Air!!

On 12/10/16 3:40 PM, Bill Stewart cwopr@... [AWAGroup] wrote:

I will probably start out on
40m. May hang out on 40m 'till 9PM or so (there are so many nets
on 80 it's just real hard to find a clear freq...they seem to thin out
around 9PM).

My plan is to start out on 40M for the 1st 2-3 hours as well (starting at 2300Z).

73,
-Larry/NE1S

14562. Re: [AWA Group] W2ICE/4 Ready to Get On the Air!!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 21:50:38 UTC
From: Bill Stewart
Topic: 14545 Message: 14562

Simple problems can sure cause hair pulling.
Great station Carl...see ya on 40...73 de Bill

----- Original Message -----

From: "'Carl Nord' chnord@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Saturday, December 10, 2016 4:26:56 PM
Subject: RE: [AWA Group] W2ICE/4 Ready to Get On the Air!!

I expect to be on around 9 tonight on 40, and then tomorrow on 40. Was setting up the station today and the rcvr was as dead as could be. Finally traced it to the shielded lead that goes from the Ant terminal to the W.L. coil. It had shorted out. Interesting thing is even with that I could hear stations

Carl Nord
WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, December 10, 2016 3:49 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] W2ICE/4 Ready to Get On the Air!!

On 12/10/16 3:40 PM, Bill Stewart cwopr@... [AWAGroup] wrote:

I will probably start out on
40m. May hang out on 40m 'till 9PM or so (there are so many nets
on 80 it's just real hard to find a clear freq...they seem to thin out
around 9PM).

My plan is to start out on 40M for the 1st 2-3 hours as well (starting at 2300Z).

73,
-Larry/NE1S

14563. Tuner Question

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 21:52:47 UTC
From: Carl Nord
Topic: 14563 Message: 14563
Attachments: 1 described; binary payloads are missing from this source WARC

Question- I have always used my regular ant tuner to match up the G5RV. Does the TNT really care at all about having 50 Ohms?

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, December 10, 2016 4:27 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] W2ICE/4 Ready to Get On the Air!!

I expect to be on around 9 tonight on 40, and then tomorrow on 40. Was setting up the station today and the rcvr was as dead as could be. Finally traced it to the shielded lead that goes from the Ant terminal to the W.L. coil. It had shorted out. Interesting thing is even with that I could hear stations

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, December 10, 2016 3:49 PM
To: AWAGroup@...m
Subject: Re: [AWA Group] W2ICE/4 Ready to Get On the Air!!

On 12/10/16 3:40 PM, Bill Stewart cwopr@... [AWAGroup] wrote:

I will probably start out on
40m. May hang out on 40m 'till 9PM or so (there are so many nets
on 80 it's just real hard to find a clear freq...they seem to thin out
around 9PM).

My plan is to start out on 40M for the 1st 2-3 hours as well (starting at 2300Z).

73,
-Larry/NE1S

14564. 23 Min.s to go.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 22:37:48 UTC
From: Louis Vermond
Topic: 14564 Message: 14564
Attachments: 5 described; binary payloads are missing from this source WARC

Hello,

First of all, Ian, I am tuned up on 7050 and will start the Party listening for you on that frequency. Will slide up to 7100 up as well of course.

Below is my station for this year. TPTG / 80 and TNT / 40. Will not be on 160 this weekend due to TNT problems on that band.

Carl. I agree with Bill, great station. Hope to CUL.

GL All

Lou VE3AWA

I've added vernier driven Cardwells to the TPTG rig on shelf. Much QSY better.
Close-ups below.

Before...

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14565. Re: [AWA Group] 4 Min.s to go.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 22:56:35 UTC
From: G3ZDQ
Topic: 14564 Message: 14565

Okay Lou,
Listening at the moment on 7.050. Just heard a few very weak tones. Unfortunately some digital again. Will try to find a clear freq nearby. GL.
Nice photo of your station.

Ian G3ZDQ

Ian Flemming
Email: g3zdq@aol.com

> On 10 Dec 2016, at 22:37, 'Louis Vermond' ve3awa@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> Hello,
>
> First of all, Ian, I am tuned up on 7050 and will start the Party listening for you on that frequency. Will slide up to 7100 up as well of course.
>
> Below is my station for this year. TPTG / 80 and TNT / 40. Will not be on 160 this weekend due to TNT problems on that band.
>
> Carl. I agree with Bill, great station. Hope to CUL.
>
> GL All
>
> Lou VE3AWA
>
> I've added vernier driven Cardwells to the TPTG rig on shelf. Much QSY better.
> Close-ups below.
> <2016 KP Stn 900.jpg>
>
> <800.jpg>
>
> Before...
> <Pre-clean Tank Cap. Extender 900.jpg>
>
> <900 Plate cap.jpg>
>
> <`900 Grid Cap.jpg>
>
>
>
>
>
> This email has been checked for viruses by Avast antivirus software.
> www.avast.com

>
>
>

14566. Re: [AWA Group] 4 Min.s to go.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-10 22:58:53 UTC
From: Louis Vermond
Topic: 14564 Message: 14566

QSL...

----- Original Message -----
From: G3ZDQ g3zdq@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-12-10 5:56 PM
Subject: Re: [AWA Group] 4 Min.s to go.

Okay Lou,
Listening at the moment on 7.050. Just heard a few very weak tones. Unfortunately some digital again. Will try to find a clear freq nearby. GL.
Nice photo of your station.

Ian G3ZDQ

Ian Flemming
Email: g3zdq@...

On 10 Dec 2016, at 22:37, 'Louis Vermond' ve3awa@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Hello,

First of all, Ian, I am tuned up on 7050 and will start the Party listening for you on that frequency. Will slide up to 7100 up as well of course.

Below is my station for this year. TPTG / 80 and TNT / 40. Will not be on 160 this weekend due to TNT problems on that band.

Carl. I agree with Bill, great station. Hope to CUL.

GL All

Lou VE3AWA

I've added vernier driven Cardwells to the TPTG rig on shelf. Much QSY better.
Close-ups below.
<2016 KP Stn 900.jpg>

<800.jpg>

Before...
<Pre-clean Tank Cap. Extender 900.jpg>

<900 Plate cap.jpg>

<`900 Grid Cap.jpg>

This email has been checked for viruses by Avast antivirus software.
www.avast.com

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14567. 3608

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-11 03:06:35 UTC
From: dulmagedon@...
Topic: 14567 Message: 14567

on 3608 . Band is quiet. Upstairs to get a coffee. Gong back down now and will try again. Moving to 40M at midnite.
donVe3LYX

14568. Intermission

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-11 04:14:41 UTC
From: dfaklis@...
Topic: 14568 Message: 14568
Attachments: 1 described; binary payloads are missing from this source WARC

This is a BK multiop. YL is operating the Beverage switch!

73, Dean, NW2K

14569. Re: Intermission

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-11 04:19:13 UTC
From: dulmagedon@...
Topic: 14568 Message: 14569

I am on 40M now. Where are U?
donVe3LYX

14570. Re: [AWA Group] Intermission [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-11 04:23:25 UTC
From: Eric NO3M
Topic: 14568 Message: 14570

Surprised not more activity on 160M. Band is reasonably quiet. QSOs w/
NY, NC, and MN so far... lots of CQing!

Will resume on 160 at midnight EST, ramp up the power to 20W input!

73 Eric NO3M (W8CDX)

On 12/10/2016 11:14 PM, dfaklis@... [AWAGroup] wrote:
>
> This is a BK multiop. YL is operating the Beverage switch!
>
>
> 73, Dean, NW2K
>
>

14571. Re: Intermission

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-11 05:23:24 UTC
From: dulmagedon@...
Topic: 14568 Message: 14571

ZZZZZZZZZZZZ till early morning. No luck tonite.

donVe3LYX

14572. Re: [AWA Group] Sked proposal tomorrow...any interest?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-11 07:15:18 UTC
From: N1BUG
Topic: 14535 Message: 14572

0710z...

I just spent more than one hour trying to hear DJ5RE. Nothing.

BUT... I can not hear ANY signal from Europe on the whole band. Not one signal. Dead!

I can hear some W stations and some South America...

Earlier I listened for G3ZDQ 2300z - 0200z. Nothing.

Paul N1BUG

14573. Re: [AWA Group] Sked proposal tomorrow...any interest?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-11 07:26:01 UTC
From: Eric NO3M
Topic: 14535 Message: 14573

Got called by UY5AA on 160M after midnight and power increase to 20W
input (he was out of band down at 1807). Later ragchewed with DF2PY
same rig and power on 160. Shame not more guys have rigs for down
there, seemed like a decent night and QRN was very low. Just 4 BK stns
in the log on 160.

Don't know if I'll mess around much tomorrow. GL to everyone and have fun.

73 Eric NO3M (W8CDX)

On 12/11/2016 02:15 AM, N1BUG paul@... [AWAGroup] wrote:
> 0710z...
>
> I just spent more than one hour trying to hear DJ5RE. Nothing.
>
> BUT... I can not hear ANY signal from Europe on the whole band. Not
> one signal. Dead!
>
> I can hear some W stations and some South America...
>
> Earlier I listened for G3ZDQ 2300z - 0200z. Nothing.
>
> Paul N1BUG
>
>
>

14574. Re: [AWA Group] Sked proposal tomorrow...any interest?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-11 07:48:17 UTC
From: N1BUG
Topic: 14535 Message: 14574

Nice going Eric!

I think the problem may be MUF below 7 MHz. I tend to hear Europe
best on 40 around my sunset. In the mornings the band doesn't open
to the Pacific or Asia until well after my sunrise.

Paul

On 12/11/2016 02:26 AM, Eric NO3M no3m@... [AWAGroup] wrote:
> Got called by UY5AA on 160M after midnight and power increase to 20W
> input (he was out of band down at 1807). Later ragchewed with DF2PY
> same rig and power on 160. Shame not more guys have rigs for down
> there, seemed like a decent night and QRN was very low. Just 4 BK stns
> in the log on 160.
>
> Don't know if I'll mess around much tomorrow. GL to everyone and have fun.
>
> 73 Eric NO3M (W8CDX)
>
> On 12/11/2016 02:15 AM, N1BUG paul@... [AWAGroup] wrote:
>> 0710z...
>>
>> I just spent more than one hour trying to hear DJ5RE. Nothing.
>>
>> BUT... I can not hear ANY signal from Europe on the whole band. Not
>> one signal. Dead!
>>
>> I can hear some W stations and some South America...
>>
>> Earlier I listened for G3ZDQ 2300z - 0200z. Nothing.
>>
>> Paul N1BUG

14575. 1929 Party report from Bavaria

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-11 08:37:15 UTC
From: thomas.hoeppe@...
Topic: 14575 Message: 14575

Hello AWA'ers!

As planned, I was QRV this morning. I fell out of the bed a bit earlier as expected (may be my XYL kicked me out...), I decided to drive out to the DL0AO clubhouse a bit earlier. When I arrived there, 40m was totally clean.....I even checked if the antenna is working. Nearly no sigs, just a few very weak stations from South America. Strange! I tried 80m, where the band was alive. Around the QRP frequency I found W8CDX and W2ICE/4. I called them (with modern rig). QSOs were easy....sigs up to S7 using a 170m long beverage to NA for RX. I was running QRO (2x GS35b amp) and a 35m high groundplane (parallel fed), so I was heard on the other side. Reports I got were not as good as expected, so I think it would not have worked using a 1929 TX with max. 10W input. I went on 40m as promised, from 05.00-05.30 with QRO. I called "CQ AWA"....no results. The band was dead. Then, from 05.30-06.00 CQ AWA on 3565. K4JYS came in with his personel call, again easy to copy. This was the only station answering my CQ! I am afraid conditions were good, but there were not more stations awake in the AWA. Bill was using a Hartley, 10W input into a windom. So not an outstanding DX setup. The next timeslot was 40m with the Hartley/3W out. You guess it....again no QSO. Band still dead.
Later I said hello in the low band chat on ON4KST where I learned that W8CDX was Eric, NO3M.
So I ended with 3 (unvalid) QSO's using modern rig on my side, with 2 individual stations. Congrats to Eric and Bill who made it over the pond.
Thanks for those who listened on 40m. We had no chance during that conditions. But it was a surprise to see 80m good for DX with 10W input.

73s de Tom, DJ5RE in Bavaria

14576. Re: Sked proposal tomorrow...any interest?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-11 10:25:05 UTC
From: tannebri1@...
Topic: 14535 Message: 14576

Hi

Nothing on 40M I'm affraid conditions against us I think. Also did not hear anything on 80M but then my antenna is not very good on 80M.

Hope you all had fun

Brian G6HUI

14577. Re: Intermission

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-11 11:35:11 UTC
From: dfaklis@...
Topic: 14568 Message: 14577

On 80 (6:30am EST), band sounds great.

73, Dean, NW2K

14578. Re: Intermission

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-11 12:12:36 UTC
From: dulmagedon@...
Topic: 14568 Message: 14578

Going to try 40M with the monster H and perhapsthe TNT. I can run them till 8 am i believe . Probably 7035 then 7100 . Be one in a few minutes. At 8 am will try again with the dripunkt Der Schwaben Sender. aroound 3608.
donVe3LYX

14579. W2ICE/$ Ops.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-11 12:52:04 UTC
From: Bill Stewart
Topic: 14579 Message: 14579

GM All,
A bit blurry eyed this AM...went QRT just after 1AM,
but raring to go. I will be on 40m most of the day, at
least until 5PM. If any one wants to try 160 in late
afternoon, maybe after 5PM, let me know. Otherwise,
I will probably finish out on 80. So far, forty was mostly
a bust here. I only worked two stns. Hope it improves today.
Good business on 80 tho.
73 de Bill W2ICE/4 - K4JYS

14580. Re: [AWA Group] Re: Intermission

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-11 13:02:54 UTC
From: G3ZDQ
Topic: 14568 Message: 14580

Been calling on 7.050 since 12:00Z. But not heard any AWA yet. There is a Dutch naval contest today until 15:59. So the band is fairly active with strong CW stations on 7.035. Strong SSB on 7.100.

Last night I called/ listened on 7.050. - 7.055 until about 02:30Z. After 01:00 most signals started to fall off and by 02:00 the band was almost dead apart from one Spanish station on SSB. Local noise levels were about S3 at 23:00Z rising to S7 by 02:00. I think the muf was too low for 40 by then.

Am taking another break and will call again at 20:30Z nearest 7.050. Will also listen to see if I can hear and work anyone on 7.035 & 7.100 from time to time.

73 Ian
G3ZDQ

> On 11 Dec 2016, at 12:12, dulmagedon@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> Going to try 40M with the monster H and perhapsthe TNT. I can run them till 8 am i believe . Probably 7035 then 7100 . Be one in a few minutes. At 8 am will try again with the dripunkt Der Schwaben Sender. aroound 3608.
> donVe3LYX
>
>

14581. Re: [AWA Group] Ideas on stuffing/cheating interstage audio transformers

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-11 16:34:13 UTC
From: Jim Hill
Topic: 14268 Message: 14581

Andy:
I would be interested in seeing how the Stancor works with your idea. I doubt if the plate current is enough to overheat the secondary winding, and the core won't be going into saturation. Why don't you temporarily connect it in a working receiver and check the difference?

Here's another tip I used years ago; the zap method. Take a receiver power transformer you have in your junk box, connect one end of the secondary to one side of the open winding, and just very briefly touch the other two leads together. There will be a spark. Remove power from the power tx, and check the audio transformer for continuity using an ohmmeter. Don't use an autoranging DMM. I had this work with audio transformers, and even with a Hallicrafters S-20R IF transformer that had an intermittent winding.

Of course, take precautions - at least follow the "one hand in your pocket" rule. Let us know if it helps.
Jim

At 10:22 AM 10/23/2016, you wrote:
>
>
>
>I'm looking for some advice on how to resurrect/reuse some burnt out
>audio transformers that have one or both windings open. I'm looking
>at ways of stuffing them so that I can reuse the shells in a
>functional piece of equipment that looks right on the outside. This
>is a ham receiver--I really don't mind having "distortion" that
>makes for a bandpass filter as I'll be using it primarily for CW
>reception. In fact, I've read of people in the old days using a
>pair of 6:1 transformers of the same model just to get an audio
>bandpass filter of sorts for CW work--opposite of what you might do
>if you wanted to listen to music.
snip

14582. Where is everybody?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-11 20:22:18 UTC
From: dulmagedon@...
Topic: 14582 Message: 14582

Was on 40m for a bit after lunch. I heard nothing. I moved to 80M 3567 to 3575 . I heard some one tune up but then gone and it was a strong signal too and an oldie. Going to have a hot chocolate then try again. Used the German dreipunkt (three point) hartley this morning for a few. Switched the the new 80M hartley this afternoon. It runs an 01A. Has a lot less chirp then the other one.
donVe3LYX

14583. Kelley activity at VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-11 20:29:31 UTC
From: Louis Vermond
Topic: 14583 Message: 14583
Attachments: 1 described; binary payloads are missing from this source WARC

Welcome from St. Marys, Ont. where there is 18" of snow and it's still falling.

Had two QSOs last night, both on 80. W2ICE/4 and John, N2BE. Bill had an R5 sig with John at R3. That was a struggle, but with repeats we made the exchange. Both agreed that it was a fun contact.

Starting at 1800R, I listened for G3QDQ on 40 for a half hour with nothing heard. Not surprising considering subsequent reports. At 6:30 QSYed to 80. Oh boy! AWA sigs...great. Got the TPTG tuned up...sounded FB. Here we go! At that point my usual S-7 RFI QRM jumped to S-9 + 5. Gave up. Later the QRM dropped to "only" S-8 so was able to copy Bill & John. Bill and John's were the only stns heard on 80.

To participate last night, I passed on two dinner party invitations. XYL's away so that would have been timely.

So far today worked on 40: N2BE, AA9DH, N3TE, W2LB and KB0MM. Condx fair to middling.

Will finish the Kelley day on 80.

73, Lou

P.s., N2BE ended our QSO with this: "Nice sig Lou for a TNT." What do you mean, "for", OM ?! ...Humph

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14584. Re: [AWA Group] Re: Sked proposal tomorrow...any interest?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-11 22:24:16 UTC
From: G3ZDQ
Topic: 14535 Message: 14584

Hi,
Nothing heard here today on 40 in Dorset either. Pretty much a repeat of yesterday. I have been calling on 7.055 from 20:30Z but nothing heard. I did hear what I thought was a qso in progress from an ac4ma? around 22:00Z tonight on 7.055, but readability and strength was very very poor. Band has been active with the Dutch naval contest most of the day, which ran same days as the Kelly party.

My 40 meter 171A Hartley rig seems to have lasted the duration but does need some work on the power supply. The transformer is running a bit too hot for my liking! Next project.

Not having used CW, I am having great fun honing my newly acquired skill and equipment. Looking forward to trying again on the next weekend

73, Ian
G3ZDQ

> On 11 Dec 2016, at 10:25, tannebri1@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> Hi
>
>
> Nothing on 40M I'm affraid conditions against us I think. Also did not hear anything on 80M but then my antenna is not very good on 80M.
>
>
> Hope you all had fun
>
> Brian G6HUI
>

14585. Re: Kelley activity at VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-11 23:07:32 UTC
From: dulmagedon@...
Topic: 14583 Message: 14585

I took one but left early. I might better stayed and had another piece of pie.
donVe3LYX

14586. Re: [AWA Group] 3608

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-11 23:24:20 UTC
From: Larry Szendrei
Topic: 14567 Message: 14586

On 12/10/16 10:06 PM, dulmagedon@... [AWAGroup] wrote:
>
> on 3608 . Band is quiet. Upstairs to get a coffee. Gong back down now
> and will try again. Moving to 40M at midnite.
> donVe3LYX
>

3608? All the Kelley activity was, and is usually, between 3550 and 3580 KHz. No wonder I didn't hear you, Don.

73,
-Larry/NE1S
>

14587. Re: [AWA Group] Intermission [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-11 23:26:42 UTC
From: Larry Szendrei
Topic: 14568 Message: 14587

On 12/10/16 11:14 PM, dfaklis@... [AWAGroup] wrote:
>
> This is a BK multiop. YL is operating the Beverage switch!
>
Unfortunately I never heard you, Dean. Maybe next weekend.

73,
-Larry/NE1S

14588. BK Halftime report at K0SM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 01:35:41 UTC
From: aflowers@frontiernet.net
Topic: 14588 Message: 14588
Attachments: 1 described; binary payloads are missing from this source WARC

That was fun. I think I ended up with around 25 QSOs or so from this noisy hole in the ground, almost all on 80M. I had a near miss with KB0ROB on 40m and I heard several calls on 80M that I didn't work. (Don, VE3LYX: I heard you briefly on 80m Sunday afternoon, but the dishwasher went into rinse and wiped you out.) There's next weekend...

With the franken-forty-meter transmitter (see below) nearly built, I along with my eldest daughter changed the dipole on Saturday to add 40m legs. The new antenna meant there was a good amount of adjustment during the contest to correct for various transmitter pathologies. Sometimes T9, sometimes T7 (and I think that might have been a little generous a few times, but thanks for trying to be honest, guys). Anyway, it papered over the wobbulation and chirp a bit....

I've attached a side-shot of the transmitter table at K0SM with the room lit only by the tubes I had on the air this weekend. (Actually, the UV202 is at about half brightness, otherwise it washes out the camera). They are both shunt-fed Hartley's with center-tap keying. The 80m transmitter is in the back. It has sockets for two tubes in parallel but I just ran one and left the other socket open. The plate-blocking condenser and grid condenser are both homebrew from a February 1924 "Radio" article using copper and mica sheets in a bakelite sandwich. I had made a couple QSOs with them, but not run them at full voltage for hours on end. They survived the field test and I can breath a sigh of relief. This transmitter worked wonderfully.

Forty meters...yes...well...I'm still not getting the power out I should on 40M. Maybe its that old mercury condenser in the antenna or more likely the big transmitting micas I used to pad the 100pf tank variable (I missed by 500khz, and I wasn't about to wind another tank coil). I tried a few tubes and they're drawing approximately the right amount of plate current, but it's only about 5-10% efficient by the time it gets to the meter. I didn't notice anything hot that shouldn't be, but I didn't go poking around methodically. Maybe it's just the right coupling and tap positions which get trickier as you go up in frequency. Nonetheless, a few of you heard me for the little time I was there--thanks! I basically worked on the transmitter Sunday after lunch and worked a few people as I was tinkering. Originally I just wanted something so I could RF-test "jumbo socket" transmitting tubes, but on Friday I figured I might as well just build an RF oscillator with a 40 meter coil and give it the old college try. It's the NO3M-method of last-minute transmitter construction, and it turns out Eric's stuff both works and looks better. Maybe it's a practice thing....Anyway, the tube pictured is a relatively early (I think?) production UV-203-A, and most of the stuff around it was made sometime in the 1920's to 1940's. In the final analysis, it's a junkbox prototype that somehow found itself in a production environment. (This is a perfectly normal situation to me since my day job is software development.)

As built, it's was almost impossible to tune in all dimensions. Hopefully this will be in better working order next weekend!

Andy K0SM/2

14589. RE: [AWA Group] BK Halftime report at K0SM [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 01:58:05 UTC
From: Mike Feher
Topic: 14588 Message: 14589

Andy –

Good going. That UV203 transmitter looks real neat with that Wireless Specialty Faradon mercury variable on it. Maybe next year I'll join you guys. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, December 11, 2016 8:36 PM
To: AWAGroup
Subject: [AWA Group] BK Halftime report at K0SM [1 Attachment]

That was fun. I think I ended up with around 25 QSOs or so from this noisy hole in the ground, almost all on 80M. I had a near miss with KB0ROB on 40m and I heard several calls on 80M that I didn't work. (Don, VE3LYX: I heard you briefly on 80m Sunday afternoon, but the dishwasher went into rinse and wiped you out.) There's next weekend...

With the franken-forty-meter transmitter (see below) nearly built, I along with my eldest daughter changed the dipole on Saturday to add 40m legs. The new antenna meant there was a good amount of adjustment during the contest to correct for various transmitter pathologies. Sometimes T9, sometimes T7 (and I think that might have been a little generous a few times, but thanks for trying to be honest, guys). Anyway, it papered over the wobbulation and chirp a bit....

I've attached a side-shot of the transmitter table at K0SM with the room lit only by the tubes I had on the air this weekend. (Actually, the UV202 is at about half brightness, otherwise it washes out the camera). They are both shunt-fed Hartley's with center-tap keying. The 80m transmitter is in the back. It has sockets for two tubes in parallel but I just ran one and left the other socket open. The plate-blocking condenser and grid condenser are both homebrew from a February 1924 "Radio" article using copper and mica sheets in a bakelite sandwich. I had made a couple QSOs with them, but not run them at full voltage for hours on end. They survived the field test and I can breath a sigh of relief. This transmitter worked wonderfully.

Forty meters...yes...well...I'm still not getting the power out I should on 40M. Maybe its that old mercury condenser in the antenna or more likely the big transmitting micas I used to pad the 100pf tank variable (I missed by 500khz, and I wasn't about to wind another tank coil). I tried a few tubes and they're drawing approximately the right amount of plate current, but it's only about 5-10% efficient by the time it gets to the meter. I didn't notice anything hot that shouldn't be, but I didn't go poking around methodically. Maybe it's just the right coupling and tap positions which get trickier as you go up in

frequency. Nonetheless, a few of you heard me for the little time I was there--thanks! I basically worked on the transmitter Sunday after lunch and worked a few people as I was tinkering. Originally I just wanted something so I could RF-test "jumbo socket" transmitting tubes, but on Friday I figured I might as well just build an RF oscillator with a 40 meter coil and give it the old college try. It's the NO3M-method of last-minute transmitter construction, and it turns out Eric's stuff both works and looks better. Maybe it's a practice thing....Anyway, the tube pictured is a relatively early (I think?) production UV-203-A, and most of the stuff around it was made sometime in the 1920's to 1940's. In the final analysis, it's a junkbox prototype that somehow found itself in a production environment. (This is a perfectly normal situation to me since my day job is software development.)

As built, it's was almost impossible to tune in all dimensions. Hopefully this will be in better working order next weekend!

Andy K0SM/2

14590. BK Halftime report at K0SM de VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 02:51:54 UTC
From: Louis Vermond
Topic: 14590 Message: 14590
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Andy and TU for ur rpt.

I think I ended up with around 25 QSOs or so from this noisy hole in the ground, almost all on 80M.
25! I have about 7 on 80. The S-9 RFI QRM here is killing reception.

GN, Lou
Hot stuff...
Are you using the Faradon variable for the antenna loading?

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14591. Re: [AWA Group] BK Halftime report at K0SM de VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 03:18:11 UTC
From: N3IBX
Topic: 14590 Message: 14591

Hello Lou,
? ? ? ? ? ? ? ?I'm curious. What is the 50W class be-pipped tube in the photograph? Is it an 03 or 03A? The smaller one in the background looks like a UV-202.
?Best regards,
? ? ? ? ? ?; ? ? ? ? ? ? ? ? ? ? ? ?Joe Cro N3IBX
?
?
On 12/11/16, 'Louis Vermond' ve3awa@... [AWAGroup] wrote:
?
?

□
Hi Andy and TU for ur rpt.
?
I think I ended up with around 25 QSOs or so?from this noisy hole in the ground, almost all on 80M.
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?
GN, Lou
Hot stuff...
Are you using the Faradon variable?;for the antenna loading?
?
?

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14592. Re: [AWA Group] BK Halftime report at K0SM de VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 03:19:46 UTC
From: aflowers@frontiernet.net
Topic: 14590 Message: 14592
Attachments: 1 described; binary payloads are missing from this source WARC

Yes, the Faradon is in the series condenser in the antenna circuit. I think that's what R.C. said it was for, and with mercury rolling around in there it has to be a really poor tuning condenser! I think you mentioned this to me when I last visited. It would probably be even worse than the air variable I'm currently using on 40m w/o a vernier!
RCA advertised a similar shape condenser for a tuning with a different part number, but I don't know the technology having never seen one in person. This one is the UC-1831. Also this was back when anything below 200 meters was terra incognita, so you could get away with a little slop in the tank. "Low loss" and the real shortwaves were a couple years in the future! It wasn't tested at 7MHz, I'm sure of that!
We'll work next weekend, one way or another. I already know you can hear me with 50ma of antenna current on 40m at the right time. We just have to find each other.
Andy K0SM/2

On Sunday, December 11, 2016 9:51 PM, "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

☐ Hi Andy and TU for ur rpt. I think I ended up with around 25 QSOs or so from this noisy hole in the ground, almost all on 80M.25! I have about 7 on 80. The S-9 RFI QRM here is killing reception. GN, LouHot stuff...Are you using the Faradon variable for the antenna loading?

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14593. Re: [AWA Group] BK Halftime report at K0SM [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 03:24:49 UTC
From: N3IBX
Topic: 14588 Message: 14593

Hello Andy - I think I got the answer to my question to Lou,VE3AWA regarding the tube I queried about from reading your post. FB on it being your tube, an early bg-pipped 03A. . ? I hope everyone in attendance had fun in the contest/operating event.
Joe N3IBX

?
On 12/11/16, 'aflowers@...' aflowers@... [AWAGroup] wrote:
?
?

That was fun.?I think I ended up with around 25 QSOs or so?from this noisy hole in the ground, almost all on 80M.? I had a near miss with KB0ROB on 40m and I heard several?calls on 80M that I didn't work.? (Don, VE3LYX: I heard you briefly on?80m Sunday afternoon, but the dishwasher went into rinse and wiped you out.)? There's next weekend...

With the franken-forty-meter transmitter (see below) nearly built, I along with my eldest daughter changed the dipole on Saturday to add 40m legs.??The new antenna meant?there was a good amount of adjustment during the contest to correct for various transmitter pathologies.? Sometimes T9, sometimes T7 (and I think that might have been a little generous a few times, but thanks for trying to be honest, guys).? Anyway, it papered over the wobbulation and chirp a bit....

I've attached a side-shot of the transmitter table at K0SM?with the room lit only by the tubes I had on the air this weekend. (Actually, the UV202 is at about half brightness, otherwise it washes out the camera).? They are both shunt-fed Hartley's with?center-tap keying.?? The 80m transmitter is in the back.? It?has sockets for two tubes in parallel but I just ran one and left the other socket open.?? The?plate-blocking condenser and grid condenser are both homebrew from a February 1924?"Radio" article using copper and mica sheets in a bakelite sandwich.??I had made a couple QSOs with them, but not run them at full voltage for?hours on end.? They survived the field test and I can breath a sigh of relief.?; This transmitter worked wonderfully.

Forty meters...yes...well...I'm still not getting?the power?out I should on 40M.? Maybe its that old?mercury condenser in the antenna or more likely the big transmitting micas I used to pad the 100pf tank variable (I missed by 500khz, and I wasn't about to wind another tank coil).? I tried a few tubes and they're?drawing approximately the right amount of plate current, but it's only about 5-10% efficient by the time it gets to the meter.? I didn't notice anything hot that shouldn't be, but I didn't go poking around methodically. Maybe it's just the right coupling and tap positions which get trickier as you go up in frequency.?Nonetheless, a few of you heard me for the little time I was there--thanks!??I basically worked on the transmitter Sunday after lunch and worked a few people as I was tinkering.?;?Originally I?just wanted something so I could RF-test "jumbo socket" transmitting tubes, but on Friday I figured I might as well just build an RF oscillator with a 40 meter coil?and give it the old college try.? It's the NO3M-method of last-minute transmitter construction, and it turns out Eric's stuff?both works and looks better.? Maybe it's a practice thing....Anyway, the tube pictured is a relatively early (I think?)

production?UV-203-A, and most of the?stuff around it was made sometime in the 1920's to 1940's.? In the final analysis, it's a junkbox prototype that somehow found itself?in a production environment.? (This is a perfectly normal situation to me since my day job is software development.)

As built, it's was almost impossible to tune in all dimensions.??Hopefully this will be in better working order next weekend!

Andy K0SM/2

14594. BK Halftime report and N3IBX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 03:30:41 UTC
From: Louis Vermond
Topic: 14594 Message: 14594

I hope everyone in attendance had fun in the contest/operating event. Joe N3IBX

The Group is holding its collective breath waiting for N3IBX to work the Kelley. Hint
GN Joe, Lou

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14595. K0SM de VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 03:38:35 UTC
From: Louis Vermond
Topic: 14595 Message: 14595

RCA advertised a similar shape condenser for a tuning with a different part number.... The receiver version? What was it's part number, Mike?

...series condenser in the antenna circuit. I think that's what R.C. said it was for, and with mercury rolling around in there it has to be a really poor tuning condenser!
I tried using one as a tank shunt condenser. Key down, the TNT's output pulsed.

We'll work next weekend, one way or another. I already know you can hear me with 50ma of antenna current on 40m at the right time. We just have to find each other.
YUP!

GN, Lou
VE3AWA

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14596. Re: [AWA Group] BK Halftime report at K0SM de VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 03:52:18 UTC
From: aflowers@frontiernet.net
Topic: 14590 Message: 14596

Joe,
I was trying to take a good picture of the 203 and 203-A next to each other, but I can't get the lighting right. The one in the transmitter picture is a UV-203-A. If the base doesn't tell you, you can tell because of the big metal plates and scaffolding. In fact, the 03-A appears to be identicall to the UV-211, except there is more grid wire the spacing might be different to give the higher Mu. (My only UV-211 is a display with a hole in the plate, which I would have loved to have been a fly on the wall to see. Anyway, it probably shouldn't be the basis of any scientific comparisons). The one in the picture is at near full brightness, as it has a thoriated filament. I'm not too scared lighting it, as the lower filament current means its more likely to loose emission before the filament goes (this was the big improvement of the -A, much the way the UX-210 was a big improvement over the UV-202). The older UV-203 (discontinued in 1923, I think) has a pure tungsten filament, and is bright white like the UV-202 when lit...only brighter (the 202 is what you correctly identified in the back of the picture). It has a thinner plate that looks essentially like a UV-201 or UV-202, only bigger in area. I guess GE was also playing with the base material as I've seen them with both the familiar ceramic base and a dark material that looks like mica. My guess is that when people started putting more than a KV between the plate and filament they had issues. I think I read that Fred Schnell even took the bases off for some of the early transatlantic tests to avoid HV arcs in the base when the tubes were overloaded. I'm not sure of the history of the base material, but I'd be interested if anyone knows. (Tyne's book is coming for Christmas, which I really need now).
I've never seen an old UV204 (non -A), let alone one lit up, but I bet it was something you didn't want to be too close to. 14.75A at 12V on a pure tungsten filament is a 177W light bulb. That's more than my garage light, and another reason to keep the transmitter over in the corner of the room or in a separate building.
I'm guessing quality control in tube was steadily improving since the early 20's. I can see a 95 year old fingerprint, presumably of a GE factory worker from ages past, on the brass collar inside of one of these. It's a little reminder of where process control was then.
Andy K0SM/2

On Sunday, December 11, 2016 10:18 PM, "N3IBX N3IBX@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Hello Lou, I'm curious. What is the 50W class be-pipped tube in the photograph? Is it an 03 or 03A? The smaller one in the background looks like a UV-202. Best regards, Joe Cro N3IBX On 12/11/16, 'Louis Vermond' ve3awa@... [AWAGroup]<AWAGroup@yahoogroups.com> wrote: ☐ Hi Andy and TU for ur rpt. I think I ended up with around 25 QSOs or so from this noisy hole in the ground, almost all on 80M.25! I have about 7 on 80. The S-9 RFI QRM here is killing reception. GN, LouHot stuff...Are you using the Faradon variable for the antenna loading?

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14597. Eico 753

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 05:12:37 UTC
From: CenturyLink Customer
Topic: 7747 Message: 14597

Would like to take you up on the Eico offer. Please e-mail me direct to make arrangements.

73,

James/KB7LJP

----- Original Message -----

From: "JAMES HANLON knjhanlon@... [AWAGroup]" AWAGroup@yahoogroups.com

If you would like my 753 for spare parts I'd be happy to send it to you if you pay for the shipping.

14598. Re: Re: [AWA Group] BK Halftime report at K0SM de VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 06:57:29 UTC
From: N3IBX
Topic: 14590 Message: 14598

Hello Andy,
? ? ? ? ? ? ? ? ? Many thanks for the information you gave me about the tubes in question. Yes, the plate area on the 03A was somewhat larger than a standard 03, the original "fifty-watter". I can research this myself, but was wondering if you know offhand if the UV-203A had a higher plate dissapation than the standard UV-203? FWIW, whilst on the subject of the 203, the "Taylor" company came out with their own high performance variant of it sometime around 1937 designated the "HD203" or HD203A", I forget which one but probably the latter, and would have to take a look at the one I have. Moving along about the HD203, the Taylor HD tube sported a graphite anode and consequently a high plate dissipation than it's 203 variant cousins. There may have been other refinements in the HD tube as well. Taylor also made a 203A that I believe also used a graphite anode as well. One selling point about the HD203A was that it was more or less a drop in replacement for the UV-203 or 203A.?

Regarding the UV-204, the original non-A designate was a copy of the famous "P" valve introduced very late in WWI. It too was rated as being able to develop 250W output, which was quite a feat in 1918! It remained basically unchanged until around 1923 when the UV-204A was introduced.The original "04" like the "P" valve had a round cylindrical shape in the middle of it housing the plate and it's supporting apparatus. The UV-204A was different. Instead of the familiar round shape in the middle of the glass envelope; it now had a elongated shape to it. The output of the new "04A" remained the same.

Somewhere in my collection of "iron" I believe I have a proper filament transformer for a UV-204A. If I can locate it, I'll see if I can take a few pictures of a original round shaped envelope "UV-204" with it's filament lit at full intensity to send to you and others in the AWA ?Group reflector. I lit it off only once some ten years ago or so, and remember that it did have filamentry continuity and was quite bright. As you previously stated, it's a big 177 watt light bulb!

I hope you and everyone who is participating is having a HI HI FBOM time in the B Kelly Contest. Tell Lou he hasn';t heard my warbling "peanut whistle" signal on the air since my CW skills are in need of a lot of practice, and as a result are painfully slow. Maybe next year or if the US ever opens up the 600 Meter band for Amateur Ops even sooner since it'll force me to practice again.?

Very best regards,
Joe Cro N3IBX
?
?
On 12/11/16, 'aflowers@...' aflowers@... [AWAGroup]<AWAGroup@yahoogroups.com> wrote:
?
?

Joe,

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Andy K0SM/2

On Sunday, December 11, 2016 10:18 PM, "N3IBX N3IBX@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

?

Hello Lou,
? ? ? ? ? ? ? ? ?I'm curious. What is the 50W class be-pipped tube in the photograph? Is it an 03 or 03A? The smaller one in the background looks like a UV-202.
?Best regards,
? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ?Joe Cro N3IBX
?
?
On 12/11/16, 'Louis Vermond' ve3awa@... [AWAGroup]<AWAGroup@yahoogroups.com> wrote:
?
?

☐
?Hi Andy and TU for ur rpt.
?

I think I ended up with around 25 QSOs or so?;from this noisy hole in the ground, almost all on 80M.
25! I have about 7 on 80. The S-9 RFI QRM here is killing reception.?
?
GN, Lou
Hot stuff...
Are you using the Faradon variable?for the antenna loading?

?

(https://www.avast.com/antivirus)

This email has been checked for viruses by Avast antivirus software.
www.avast.com (https://www.avast.com/antivirus)

14599. Re: [AWA Group] 3608

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 11:59:34 UTC
From: dulmagedon@...
Topic: 14567 Message: 14599

Now Larry, I did not only operate on 3608. That is just where I choose to start(aka in the clear). I asked a couple of times where folks were as you can see. Never got an answer. However I did not come up dry. Many ops are from this group are above 7100 which BTW is also not in the recommended spot. Anyway best results I had were with my Ancient German tubed rig. Also my old first built TNT which now has a 10 tube had success on 40M. My new Hartley came up dry. I had a couple of answers with it late yesterday on 80M but they got run over in the noise and i was unable to pick them out again.
Still, twas fun. Filament batteries in the German tubed rig did not ever become a problem. I am surprised as I used it a lot.
donVe3LYX

14600. Re: [AWA Group] 3608

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 12:14:57 UTC
From: Larry Szendrei
Topic: 14567 Message: 14600

On 12/12/16 6:59 AM, dulmagedon@... [AWAGroup] wrote:
>
> Now Larry, I did not only operate on 3608. That is just where I choose
> to start(aka in the clear). I asked a couple of times where folks were
> as you can see. Never got an answer. However I did not come up dry.
> Many ops are from this group are above 7100 which BTW is also not in
> the recommended spot. Anyway best results I had were with my Ancient
> German tubed rig. Also my old first built TNT which now has a 10 tube
> had success on 40M. My new Hartley came up dry. I had a couple of
> answers with it late yesterday on 80M but they got run over in the
> noise and i was unable to pick them out again.
> Still, twas fun. Filament batteries in the German tubed rig did not
> ever become a problem. I am surprised as I used it a lot.
> donVe3LYX
>
OK, Don; I understand. Sounds like you had fun, which is the important thing. Still wondering why I didn't hear you on either 80M or 40M, as I was listening quite a bit for stations I hadn't worked yet on both bands.

For the past several years 40M BK ops have been concentrated in the 7100 - 7120 KHz range because it tends to be less crowded than lower in the band. The "official" info at http://www.antiquewireless.org/bruce-kelley-memorial-cw-qso-party.html now has the recommended frequency range for 40M at 7100 - 7125 KHz.

Hope to work you on both bands next weekend.

73,
-Larry/NE1S

14601. 211

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 12:17:01 UTC
From: dulmagedon@...
Topic: 14601 Message: 14601

I had both 211 rigs (40M Hartley and 40m TNT)on sat night after midnite as they fit the power spec with the low plate voltage I run. I have made a pond hop with the hartley so figured it was the right weapon again but I didn't get even one response. Hopefully next weekend results will improve late night. Stayed up as long as I could. Actually lately early morning on 80m is very good. Much better then late day is. If that remains so we shall see. of course if no one is on it means diddly squat.
donVe3LYX

14602. Gordon Kittel, W3GK-SK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 13:25:52 UTC
From: N3IBX
Topic: 14602 Message: 14602

?Hello All,
? ? ? ? ? ? ? ?I am deeply saddened by the passing of Gordon Kittel, W3GK yesterday afternoon. Gordon was a good friend of mine and a great person to know. He was not a "AWA" member, but known by many AWA members in the Philadelphia Pa. tri-state area as a previous Amateur Radio equipment dealer from his previous stores he had in Pennsylvania and through his attendance at just about every "Hamfest" and major Amateur Radio event in the area for a long period of time.?

Gordon enjoyed operating and working on vintage equipment, especially receivers; and had a keen technical knowledge of them. Through his sixty some years experience as a Amateur Radio Operator and retail radio store owner and collector, there was hardly a radio made in the past sixty years or so that he either didn't have experience with working on, or having owned and used on the air. He was a terrific person and will be missed by all who knew him.?

Funeral arrangements are to be determined by his wife Carol, and son and daughter Steve and Ann. Please keep Gordon and his family in your prayers.

With deep regret,
? ? ? ? ? ? ? ? ? ? ? ? ?Joe Cro N3IBX

? ? ? ? ?

14603. 2016 BK First Half Postmortem de W2ICE/4

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 13:58:18 UTC
From: Bill Stewart
Topic: 14603 Message: 14603

GM All,
The BK got off to a slow start here on 40 mtrs. After an hour of calling I only worked NE1S and WA9WFA. I moved to 80 mtrs around 7PM and it was on for the rest of the night....'till around 1AM. I went to 160 mtrs at 8 & 10 PM and Midnight. I worked 3 stns on 160: W8CDX - didn't realize that was NO3M and wondered where Eric(NO3M) was...duh; NW2K, Dean & N4GJV, Ron. I was hoping there would have been a few more that would make it into NC. And of course, the highlight was working Tom, DJ5RE, on 80 mtrs. That was my first time across the pond with a 1920s rig. I heard Tom later, after the W2ICE/4 contact and called him using my own call sign and we worked again. Hats off to Tom for a super op and station. I didn't get up too early Sunday morning, so only worked two stns on 80 mtrs and then back to 40 mtrs. That band worked well up 'till I went back to 160 mtrs (5PM) with no BK contacts. I finished out on 80 mtrs. I worked first-time BKer, Jim, KK4GFR. on 40 mtrs....I hope the bug has bitten Jim severely and we will be hearing from KY in future BK events. I think I heard at least one W7 stn (think it was on 40), but could not make out the call. If you guys out west read this, please comment on when you think 40/80 mtr condx would support a contact. It seemed to me that there was a brick wall from west of MN, KY and on down.....just barely a peep from there to the west. Sure missed, Steve, VE7SL. The totals for the first half are: 160 mtrs-3; 80 mtrs-26; 40 mtrs-20; a grand total of 49 AWA contacts.

As usual, I heard many unique notes...all music to my ears. Thankfully, the rigs here worked flawlessly....and even seemed that the Hartley got to sounding better, on 40mtrs, the more I used it. On 80, to my ears, it sounded pretty good. During this half, I got no cat calls, no 'lid' comments and no one told me my battery was low.....hi. So guys, I guess its back to doing some more tweaking this week. Trust we will have good condx for next weekend. Many thanks for all the contacts and my thanks to the AWA and BK crew for letting me use W2ICE/4 in this years event.

73 de Bill W2ICE/4 - K4JYS

14604. Re: [AWA Group] 3608

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 14:15:48 UTC
From: Don Dulmage
Topic: 14567 Message: 14604

Yes I was surprised too. Usually we connect somewhere in the frey. I never even heard you. Nor Lou which is unusual. Anyway I put the toys away till next weekend. Sori you couldnt hear me this morning. I was just doing a barefoot signal check with Dave as I had a powersupply go south.(bad hum) I tore it apart and completley rebuilt it with a different design. I could have plugged in the amp but then I wouldn't know which was the cause. Anyway apparently it is OK now. I could hear you though, and Tim, although not strong. Anyway till next weekend. Glad Bill and Tom worked. Must have brought a few grins!donVe3LYX

On Monday, December 12, 2016 7:16 AM, "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

> On 12/12/16 6:59 AM, dulmagedon@... [AWAGroup] wrote:
>
> Now Larry, I did not only operate on 3608. That is just where I choose to start(aka in the clear). I asked a couple of times where folks were as you can see. Never got an answer. However I did not come up dry. Many ops are from this group are above 7100 which BTW is also not in the recommended spot. Anyway best results I had were with my Ancient German tubed rig. Also my old first built TNT which now has a 10 tube had success on 40M. My new Hartley came up dry. I had a couple of answers with it late yesterday on 80M but they got run over in the noise and i was unable to pick them out again.
> Still, twas fun. Filament batteries in the German tubed rig did not ever become a problem. I am surprised as I used it a lot.
> donVe3LYX
> OK, Don; I understand. Sounds like you had fun, which is the important thing. Still wondering why I didn't hear you on either 80M or 40M, as I was listening quite a bit for stations I hadn't worked yet on both bands.
>
> For the past several years 40M BK ops have been concentrated in the 7100 - 7120 KHz range because it tends to be less crowded than lower in the band. The "official" info at http://www.antiquewireless.org/bruce-kelley-memorial-cw-qso-party.html now has the recommended frequency range for 40M at 7100 - 7125 KHz.
>
> Hope to work you on both bands next weekend.
>
> 73,
> -Larry/NE1S

14605. RE: [AWA Group] BK Halftime report at K0SM de VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 14:31:24 UTC
From: Carl Nord
Topic: 14590 Message: 14605
Attachments: 1 described; binary payloads are missing from this source WARC

Good time on 40 yesterday afternoon with my thundering 0.75 watts out into a G5RV.

Lou, you had a 559 into CT but I could not raise you. I seemed to have a pipeline into Maine as I had 3 contacts up there.

Look forward to next week.

73

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, December 11, 2016 9:52 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] BK Halftime report at K0SM de VE3AWA

□

Hi Andy and TU for ur rpt.

I think I ended up with around 25 QSOs or so from this noisy hole in the ground, almost all on 80M.

25! I have about 7 on 80. The S-9 RFI QRM here is killing reception.

GN, Lou

Hot stuff...

Are you using the Faradon variable for the antenna loading?

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www.avast.com <https://www.avast.com/antivirus>

14606. 2016 BK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 15:11:02 UTC
From: kk4gfr@...
Topic: 14606 Message: 14606

Good Morning all, Last weekend was fun for me ! I only worked 3 contacts but had much fun! Two on 40 and one on 80. Mn,Pa,NC. I was able to work Bill W2ICE/4. Got to experience wind modulation, as it was quite breezy here. My shack is in a cellar, so I operated for a while and warmed up for a while. I have many questions as to what most folks are using for 160m antennas. Next year I hope to have a couple of 27's in parallel. Maybe the coming weekend will be a little warmer. 73 Jim kk4gfr

14607. Re: [AWA Group] 2016 BK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 15:52:14 UTC
From: Eric NO3M
Topic: 14606 Message: 14607

Re: 160M antennas

If your target audience is within a 500-600 mi radius, a low (even 100ft is low on 160 for horizontal antennas) dipole works well. Beyond that, some kind of vertical is preferable and there are many variations besides a full sized vertical: Marconi "Tee", Inverted-L, top loaded monopole, etc. A good counterpoise (ie radials) is required to keep efficiency high, either on/in ground or raised radials. There is a "folded" counterpoise that some have used in space limited installations developed by K2AV.

Deciding what antenna to install generally depends on 1) your target audience and 2) space available (of course, money and other things factor in)

The old Handbooks illustrated just a long wire (~120 ft by the old tables) straight to one end of the antenna coupling coil on the transmitter, put a tuning cap in series with the other end of the antenna coil and ground. Basically a base loaded semi-vertical, almost inverted-L... but it's probably best to use a transmission line and keep the current node outside of the shack!

73 Eric NO3M

On 12/12/2016 10:11 AM, kk4gfr@... [AWAGroup] wrote:
>
> Good Morning all, Last weekend was fun for me ! I only worked 3
> contacts but had much fun! Two on 40 and one on 80. Mn,Pa,NC. I was
> able to work Bill W2ICE/4. Got to experience wind modulation, as it
> was quite breezy here. My shack is in a cellar, so I operated for a
> while and warmed up for a while. I have many questions as to what most
> folks are using for 160m antennas. Next year I hope to have a couple
> of 27's in parallel. Maybe the coming weekend will be a little warmer.
> 73 Jim kk4gfr
>
>
> --
>

14608. Re: [AWA Group] 2016 BK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 15:55:19 UTC
From: Eric NO3M
Topic: 14606 Message: 14608

Meant to say current maxima

On 12/12/2016 10:52 AM, Eric NO3M wrote:
> keep the current node outside of the shack!
>

14609. Western Electric VT25

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 16:13:25 UTC
From: tannebri1@...
Topic: 14609 Message: 14609

Hi All

Is the VT25 eligible for the Bruce Kelly event?

Just found one in my "junk/spares pile".

Many Thanks

Brian G6HUI

14610. Re: [AWA Group] Western Electric VT25

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 16:22:11 UTC
From: Bill Stewart
Topic: 14609 Message: 14610

Yep, you hit pay dirt, Brian.
I think the VT-25 is the 'modern' equivalent of the 210.
Now go digging for the parts.
73 Bill K4JYS

----- Original Message -----

From: "tannebri1@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, December 12, 2016 11:13:25 AM
Subject: [AWA Group] Western Electric VT25

Hi All

Is the VT25 eligible for the Bruce Kelly event?

Just found one in my "junk/spares pile".

Many Thanks

Brian G6HUI

14611. Re: [AWA Group] 2016 BK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 16:27:12 UTC
From: Bill Stewart
Topic: 14606 Message: 14611

Hi Jim,
Glad you had fun. In my first BK, I made a few contacts and was hooked. Still having BK fun after 15 or so events. I have a pretty nice 'Studio B' but lacks some good heat....the Chinese infer-red heater just don't do the job, so operated at 60 degrees and in insulated coveralls & toboggan ....hi. Was ok 'cept for my feet.

Eric passed along some great info on the 160 mtr antenna. Here, the TB antenna is a simple inverted L with a four wire counterpoise. I have worked around the country, into the Pac. a couple of times, EU and the Carib. too with 100 watts. And with the '24 Meissner have worked Eric, Lou, Dean and generally from Fla to VE3 at abt 2-3 watts output. The antenna is generally canopied with near 100 ft pines, so far from ideal. If you have some way to get a, oh 50-60ft vert. wire and room for the horiz, and don't mind four wires at abt 10 ft high running across the yard, this might be worth considering. Of course this is not scientific...just my experience. I have worked a number of stns using simple TB antennas....one was a stn in Fla using a magnetic loop in his bedroom and was quite copy-able. Oh, worked a guy not long ago using a helically wound vert...so there are a lot of choices. Let us know what ya got to hang something on.

Hope to work you on 80 next weekend...73 de Bill K4JYS

----- Original Message -----

From: "kk4gfr@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, December 12, 2016 10:11:02 AM
Subject: [AWA Group] 2016 BK

Good Morning all, Last weekend was fun for me ! I only worked 3 contacts but had much fun! Two on 40 and one on 80. Mn,Pa,NC. I was able to work Bill W2ICE/4. Got to experience wind modulation, as it was quite breezy here. My shack is in a cellar, so I operated for a while and warmed up for a while. I have many questions as to what most folks are using for 160m antennas. Next year I hope to have a couple of 27's in parallel. Maybe the coming weekend will be a little warmer. 73 Jim kk4gfr

14612. Re: [AWA Group] 2016 BK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 17:20:46 UTC
From: William Kirk
Topic: 14606 Message: 14612

Hello Bill, My antenna is an end fed sloping 108' piece of wire with a 9:1 unun. I use a mfj tuner. 40 & 20 tune well. 80 not as good. To be honest, I don't even know if it would tune 160. My receiver is an Allied a-2516. I would have to wind a coil for my regen to listen to 160. Always wanted to try TB though. Jim

On Mon, Dec 12, 2016 at 10:27 AM, Bill Stewart cwopr@embarqmail.com [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> Hi Jim,
> Glad you had fun. In my first BK, I made a few contacts and was hooked.
> Still having BK fun after 15 or so events. I have a pretty nice 'Studio B'
> but lacks some good heat....the Chinese infer-red heater just don't do the
> job, so operated at 60 degrees and in insulated coveralls & toboggan
> ....hi.
> Was ok 'cept for my feet.
>
> Eric passed along some great info on the 160 mtr antenna. Here, the TB
> antenna is a simple inverted L with a four wire counterpoise. I have worked
> around the country, into the Pac. a couple of times, EU and the Carib. too
> with 100 watts. And with the '24 Meissner have worked Eric, Lou, Dean and
> generally from Fla to VE3 at abt 2-3 watts output. The antenna is generally
> canopied with near 100 ft pines, so far from ideal. If you have some way to
> get a, oh 50-60ft vert. wire and room for the horiz, and don't mind four
> wires
> at abt 10 ft high running across the yard, this might be worth
> considering. Of
> course this is not scientific...just my experience. I have worked a number
> of
> stns using simple TB antennas....one was a stn in Fla using a magnetic loop
> in his bedroom and was quite copy-able. Oh, worked a guy not long ago
> using a helically wound vert...so there are a lot of choices. Let us know
> what
> ya got to hang something on.
>
> Hope to work you on 80 next weekend...73 de Bill K4JYS
>
>
> ------------------------------
> *From: *"kk4gfr@gmail.com [AWAGroup]" <AWAGroup@yahoogroups.com>
> *To: *AWAGroup@yahoogroups.com
> *Sent: *Monday, December 12, 2016 10:11:02 AM
> *Subject: *[AWA Group] 2016 BK

>
>
>
> Good Morning all, Last weekend was fun for me ! I only worked 3 contacts
> but had much fun! Two on 40 and one on 80. Mn,Pa,NC. I was able to work
> Bill W2ICE/4. Got to experience wind modulation, as it was quite breezy
> here. My shack is in a cellar, so I operated for a while and warmed up for
> a while. I have many questions as to what most folks are using for 160m
> antennas. Next year I hope to have a couple of 27's in parallel. Maybe the
> coming weekend will be a little warmer. 73 Jim kk4gfr
>
>
>
>

14613. Re: [AWA Group] Western Electric VT25

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 17:37:02 UTC
From: Larry Szendrei
Topic: 14609 Message: 14613

On 12/12/16 11:13 AM, tannebri1@... [AWAGroup] wrote:
>
> Hi All
>
>
> Is the VT25 eligible for the Bruce Kelly event?
>
> Just found one in my "junk/spares pile".
>
> Many Thanks
>
> Brian G6HUI
>
Absolutely! US military nomenclature for a "10."

-Larry/NE1S

14614. Re: [AWA Group] 2016 BK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 18:06:58 UTC
From: aflowers@frontiernet.net
Topic: 14606 Message: 14614

Jim,
I had decent success last year in the Stu Perry contest running QRP from /VE3 (and thus in the same power output class as the BK). I just brought a 100ft length of RG-8X, a balun, and lots of THHN from Home Depot. I made in the field essentially what Bill has-- an inverted L. (Mine was a bit long--probably 160ft with only about 45 feet of it vertical) with a four 1/4-wl radials just rolled out on the ground/snow. If you only have a few radials its best they be tuned. You are probably better off burying them or elevating them, but that's often not an option (especially at my in-laws place!). It's 160M, so if you don't have a matching network at the feedpoint to give you 50 ohms on the radio end you can probably get by with a tuner in the shack. That's what I did. Coax losses aren't going to be a show stopper, and pretty much everything is a compromise at 1.8 MHz for us mere mortals. The feedpoint impedance of a good inverted L is below 20 ohms.
In fact, as you add radials you should see the feedpoint SWR (in a 50 ohm world) go *up* as you add radials (reducing ground resistance lowers impedance). The "phantom antenna" that that the Hartford ARC used in 1921 for their transmitter competition was a 12 ohm load, which gives you an idea of what antennas were like then--lot unlike a good inverted L, which is indeed what people used then. Power being equal, Ohm's Law says you can get lots antenna current a 12 ohm vs. 50 ohm antenna--more than an amp from a UV202 in that competition, which you'll never come close to with a 50 ohm antenna with a "5W" tube. In general, adding more counterpoise and radials would keep lowering the impedance of the antenna by reducing ground loss, and you could get well under 10 ohms with a good system. The tubes could match this low impedance, and you would see more antenna current the more efficient your aerial was. In the minds of many back then, "more counterpoise = more antenna current = louder".
Interestingly, hams confusing antenna current with power output was a stumbling block that prevented people from moving much above 200 meters in the early 20's. I suspect that when they tuned higher their antenna had a higher characteristic impedance due to the inductive reactance of the now electrically long wire, even though the ground losses probably went down at the higher frequency. The antenna was likely more efficient up there (when matched), but they weren't able to get as much current as they could on the lower frequencies because impedance of the system was higher. Several people were surprised when all of the sudden they could work coast to coast up at 170 meters with 1/3 the antenna current. When the shortwave bands became a "thing" in 1924, the QST editors were pointing this out often.
Andy K0SM/2

On Monday, December 12, 2016 11:47 AM, "Bill Stewart cwopr@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  Hi Jim,
Glad you had fun. In my first BK, I made a few contacts and was hooked.
Still having BK fun after 15 or so events. I have a pretty nice 'Studio B'
but lacks some good heat....the Chinese infer-red heater just don't do the
job, so operated at 60 degrees and in insulated coveralls & toboggan ....hi.
Was ok 'cept for my feet.

Eric passed along some great info on the 160 mtr antenna. Here, the TB antenna is a simple inverted L with a four wire counterpoise. I have worked around the country, into the Pac. a couple of times, EU and the Carib. too with 100 watts. And with the '24 Meissner have worked Eric, Lou, Dean and generally from Fla to VE3 at abt 2-3 watts output. The antenna is generally canopied with near 100 ft pines, so far from ideal. If you have some way to get a, oh 50-60ft vert. wire and room for the horiz, and don't mind four wires at abt 10 ft high running across the yard, this might be worth considering. Of course this is not scientific...just my experience. I have worked a number of stns using simple TB antennas....one was a stn in Fla using a magnetic loop in his bedroom and was quite copy-able. Oh, worked a guy not long ago using a helically wound vert...so there are a lot of choices. Let us know what ya got to hang something on.

Hope to work you on 80 next weekend...73 de Bill K4JYS

From: "kk4gfr@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, December 12, 2016 10:11:02 AM
Subject: [AWA Group] 2016 BK

Good Morning all, Last weekend was fun for me ! I only worked 3 contacts but had much fun! Two on 40 and one on 80. Mn,Pa,NC. I was able to work Bill W2ICE/4. Got to experience wind modulation, as it was quite breezy here. My shack is in a cellar, so I operated for a while and warmed up for a while. I have many questions as to what most folks are using for 160m antennas. Next year I hope to have a couple of 27's in parallel. Maybe the coming weekend will be a little warmer. 73 Jim kk4gfr

14615. KK4GFR de VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 18:12:18 UTC
From: Louis Vermond
Topic: 14615 Message: 14615

I have many questions as to what most folks are using for 160m antennas. 73 Jim kk4gfr

Hi Jim,

Several years ago I was in QSO with Joe, N3IBX on 160 using my ladderline fed 80 metre dipole with ATU/balun. Joe could hear me. In a rush, using the ATU, I loaded the feed line as an endfed. Joe's reaction to my increased signal strength was ecstatic. Yet, my "vertical" made for a poor RX aerial. Moral of this story: First play around with what you have.

Jim, what are your operating plans for this weekend? Here, I will concentrate on working Ian, G3ZDQ on 40 for the first 1/2 hour. After Ian and I work 599 both ways I will see what's up on 40 then down to 80 for the rest of the night.

Hoping to work you and a stn with a thundering 0.75 watts out into a G5RV.

73, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14616. Re: [AWA Group] 2016 BK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 18:24:50 UTC
From: Larry Szendrei
Topic: 14606 Message: 14616

Just filled in my logsheet for the 1st half of the BK. 19 QSOs on 80M and 7 on 40M for a total of 26, thus far.

Lou, I hope your noise goes away so we can hook up next weekend. Very quiet here; there were a few stations I could hear fairly well here but could not raise.

73,
-Larry/NE1S

14617. Re: [AWA Group] 2016 BK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 18:33:20 UTC
From: Louis Vermond
Topic: 14606 Message: 14617

Just filled in my logsheet for the 1st half of the BK. 19 QSOs on 80M and 7 on 40M for a total of 26, thus far. Here, 8. :0(So far, worst year ever.

Lou, I hope your noise goes away so we can hook up next weekend. Very quiet here... That's right, rub it in, OM.

CU Saturday, Lou

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https://www.avast.com/antivirus

14618. Re: [AWA Group] KK4GFR de VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 18:38:05 UTC
From: William Kirk
Topic: 14615 Message: 14618

Tnx everyone on the 160m antenna ideas! Sure gives me something to work on for next year. Lou, I'll probably follow you. Starting off on 40m for about an hour and then switching to 80. Jim kk4gfr

On Mon, Dec 12, 2016 at 12:12 PM, 'Louis Vermond' ve3awa@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> □
> I have many questions as to what most folks are using for 160m antennas.
> 73 Jim kk4gfr
>
> Hi Jim,
>
> Several years ago I was in QSO with Joe, N3IBX on 160 using my ladderline
> fed 80 metre dipole with ATU/balun. Joe could hear me. In a rush, using
> the ATU, I loaded the feed line as an endfed. Joe's reaction to my
> increased signal strength was ecstatic. Yet, my "vertical" made for a poor
> RX aerial. Moral of this story: First play around with what you have.
>
> Jim, what are your operating plans for this weekend? Here, I will
> concentrate on working Ian, G3ZDQ on 40 for the first 1/2 hour. After Ian
> and I work 599 both ways I will see what's up on 40 then down to 80 for
> the rest of the night.
>
> Hoping to work you and a stn with a thundering 0.75 watts out into a G5RV.
>
> 73, Lou
>
>
>
>
> ---
> [image: Avast logo] <https://www.avast.com/antivirus>
>
> This email has been checked for viruses by Avast antivirus software.
> www.avast.com <https://www.avast.com/antivirus>
>
>
>

14619. Re: [AWA Group] KK4GFR de VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 18:51:01 UTC
From: Louis Vermond
Topic: 14615 Message: 14619

Lou, I'll probably follow you. Starting off on 40m for about an hour and then switching to 80.

Here's hoping Jim, Lou

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https://www.avast.com/antivirus

14620. Re: [AWA Group] 2016 BK First Half Postmortem de W2ICE/4

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 19:18:46 UTC
From: Steve
Topic: 14603 Message: 14620

> please comment on when you think 40/80 mtr
> condx would support a contact.

Bill - had a brief chance to listen just after the start at around 3:15 my local time yesterday afternoon...you had a nice workable signal up here on 40m CW at that time.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

14621. Re: [AWA Group] K0SM de VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 19:21:30 UTC
From: aflowers@frontiernet.net
Topic: 14595 Message: 14621

The UC-1819 was the one advertised for receiving use (100PF to 5000pf!). It looks like its also a mercury condenser, though, just different capacity range. Both this and the UC-1831 are advertised in a full page add in January 1921 QST, p. 107 (available on Google books). A full page for a condenser....RCA wasn't hurting for money then!
Yes, a UC-1831 gives "more antenna current for the average station."
Andy K0SM/2

On Sunday, December 11, 2016 10:37 PM, "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

☐RCA advertised a similar shape condenser for a tuning with a different part number.... The receiver version? What was it's part number, Mike? ...series condenser in the antenna circuit. I think that's what R.C. said it was for, and with mercury rolling around in there it has to be a really poor tuning condenser! I tried using one as a tank shunt condenser. Key down, the TNT's output pulsed. We'll work next weekend, one way or another. I already know you can hear me with 50ma of antenna current on 40m at the right time. We just have to find each other.YUP! GN, LouVE3AWA

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14622. Re: [AWA Group] K0SM de VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 19:49:20 UTC
From: Bill Stewart
Topic: 14595 Message: 14622

Andy, saw a couple of those on ebay, last week or so I believe.....Bill K4JYS

----- Original Message -----

From: "'aflowers@...' aflowers@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, December 12, 2016 2:21:30 PM
Subject: Re: [AWA Group] K0SM de VE3AWA

The UC-1819 was the one advertised for receiving use (100PF to 5000pf!). It looks like its also a mercury condenser, though, just different capacity range. Both this and the UC-1831 are advertised in a full page add in January 1921 QST, p. 107 (available on Google books). A full page for a condenser....RCA wasn't hurting for money then!

Yes, a UC-1831 gives "more antenna current for the average station."

Andy K0SM/2

On Sunday, December 11, 2016 10:37 PM, "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

RCA advertised a similar shape condenser for a tuning with a different part number.... The receiver version? What was it's part number, Mike?

... series condenser in the antenna circuit. I think that's what R.C. said it was for, and with mercury rolling around in there it has to be a really poor tuning condenser!
I tried using one as a tank shunt condenser. Key down, the TNT's output pulsed.

We'll work next weekend, one way or another. I already know you can hear me with 50ma of antenna current on 40m at the right time. We just have to find each other.
YUP!

GN, Lou
VE3AWA

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14623. Re: [AWA Group] 2016 BK First Half Postmortem de W2ICE/4

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 19:53:49 UTC
From: Bill Stewart
Topic: 14603 Message: 14623

Tnx for the report, Steve. Would that be plus 3 hrs EST for NC?
Bill
----- Original Message -----

From: "'Steve' ve7sl@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, December 12, 2016 2:18:46 PM
Subject: Re: [AWA Group] 2016 BK First Half Postmortem de W2ICE/4

> please comment on when you think 40/80 mtr
> condx would support a contact.

Bill - had a brief chance to listen just after the start at around 3:15 my
local time yesterday afternoon...you had a nice workable signal up here on
40m CW at that time.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

14624. Ancient technology

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 19:56:28 UTC
From: dulmagedon@...
Topic: 14624 Message: 14624
Attachments: 1 described; binary payloads are missing from this source WARC

Spurred into activity by the joy of Bk particpation I dragged the no vaccum triode off the shelf and went to work. Doug, you asked me a very long time ago to measure something next time I tried it so if you remember what it was I will. Coil and soup can lid variable tunes down to 4.3 mcs so I may have to add a few turns to get it into 80M. paer gridleak is currently around 8 megohms which is high but still should oscillate. Underneath is a fixed soupcan lid capacitor probably somewhere between 100 and 200 pf. Choke is wound on a ham bone section. It will either work or it won't . I gotta try. I know even if I get it going it wont be Bk legal but it will be fun.

donVe3LYX

14625. Re: [AWA Group] 2016 BK First Half Postmortem de W2ICE/4

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 21:10:58 UTC
From: Steve
Topic: 14603 Message: 14625

>Would that be plus 3 hrs EST for NC?

yes 6:00 PM ur time...sigs to ur direction from here on 40m are usually good for at least another 3 hours but by then most of you guys have long gone to 80m. We're usually lucky to get an hour in at the contest start before everyone is gone, even though prop is still good....but I can see the problem from ur end as there is not much to work back here so much wiser to QSY!

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

14626. Re: [AWA Group] 2016 BK First Half Postmortem de W2ICE/4

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 21:33:08 UTC
From: Larry Szendrei
Topic: 14603 Message: 14626

On 12/12/16 4:10 PM, 'Steve' ve7sl@... [AWAGroup] wrote:
>
> >Would that be plus 3 hrs EST for NC?
>
> yes 6:00 PM ur time...sigs to ur direction from here on 40m are
> usually good
> for at least another 3 hours but by then most of you guys have long
> gone to
> 80m. We're usually lucky to get an hour in at the contest start before
> everyone is gone, even though prop is still good....but I can see the
> problem from ur end as there is not much to work back here so much
> wiser to
> QSY!
>
> Steve
>

I started out on 40M, found Bill right away and worked him. I heard Bill work WA9WFA, so gave him some calls slightly north of Bill's frequency; no joy. Then I called and called with no responses, eventually a non-BK participant called me and we chatted for a bit. Back to calling with no responses. After an hour I realized I wasn't having much fun so moved up to 80M and made lotsa QSOs ;-)

73,
-Larry/NE1S

14627. Re: [AWA Group] 2016 BK First Half Postmortem de W2ICE/4

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 22:01:46 UTC
From: Louis Vermond
Topic: 14603 Message: 14627

yes 6:00 PM ur time...sigs to ur direction from here on 40m are usually good for at least another 3 hours but by then most of you guys have long gone to 80m.

Ok. So, to work the 6s and 7s I will stick with 40 for the first two hours.

Got that YS?

73, Lou

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14628. Re: [AWA Group] 2016 BK First Half Postmortem de W2ICE/4

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-12 23:35:45 UTC
From: dulmagedon@...
Topic: 14603 Message: 14628

Where on 40M. I stayed on 40M till I went to bed well past our midnite. I had enuf power. (18.45 watts input)7050? 7100? 7110? Where? Even asked (twice I believe.)
donVe3LYX

14629. RE: [AWA Group] 2016 BK First Half Postmortem de W2ICE/4

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-13 00:52:40 UTC
From: Steve Flood
Topic: 14603 Message: 14629

Ok. So, to work the 6s and 7s I will stick with 40 for the first two hours.

Got that YS?

Don’t bother for me. I don’t have the REL 40m coil set completed, and no time this week to do so.

I am stuck on 80m. I will be joining in later in the evening due to dinner party festivities. Hoping for much better conditions next weekend (they couldn’t have been much worse).

KK7UV

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14630. Re: [AWA Group] 2016 BK First Half Postmortem de W2ICE/4

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-13 00:39:51 UTC
From: Bill Stewart
Topic: 14603 Message: 14630

As stated in the rules...7100 to 7125kcs.
I QSYed to 80m abt 7PM or so...nuttin doing on 40m.
Try agn this w/e Don...B

----- Original Message -----

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, December 12, 2016 6:35:45 PM
Subject: Re: [AWA Group] 2016 BK First Half Postmortem de W2ICE/4

Where on 40M. I stayed on 40M till I went to bed well past our midnite. I had enuf power. (18.45 watts input)7050? 7100? 7110? Where? Even asked (twice I believe.)
donVe3LYX

14631. Re: Re: [AWA Group] BK Halftime report at K0SM de VE3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-13 01:38:22 UTC
From: aflowers@frontiernet.net
Topic: 14590 Message: 14631
Attachments: 1 described; binary payloads are missing from this source WARC

Joe,
Trying to get caught up here....
The base of the UV-203-A I have here has the "50 WATT" label on the base and the newer (post-1923) RCA logo. Whether or not it actually could handle 100W dissipation I don't know. I'm not going to find out :-) It also lacks the white logos on the glass (maybe it came with a sticker?). Other than that its the same envelope and base (the license is inked on the back of the base just like we see on some of smaller brass based tubes.) It was marketed as a 50W tube, but at some point it went to a carbon plate, and a slightly fatter bottle.
I attached a picture of a UV-203, UV-203-A, and a "modern" 203A, all my by RCA side by side. I know you've seen these Joe and probably a hundred variations, but it might be of interest to others. Looking around online I see that these brass tube bases sometimes become so oxidized that the ink labels are gone (or maybe someone "cleaned" them). Often you can tell what it is (or was) by knowing the construction.
Andy K0SM/2

On Monday, December 12, 2016 1:57 AM, "N3IBX N3IBX@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  Hello Andy,   Many thanks for the information you gave me about the tubes in question. Yes, the plate area on the 03A was somewhat larger than a standard 03, the original "fifty-watter". I can research this myself, but was wondering if you know offhand if the UV-203A had a higher plate dissapation than the standard UV-203? FWIW, whilst on the subject of the 203, the "Taylor" company came out with their own high performance variant of it sometime around 1937 designated the "HD203" or HD203A", I forget which one but probably the latter, and would have to take a look at the one I have. Moving along about the HD203, the Taylor HD tube sported a graphite anode and consequently a high plate dissipation than it's 203 variant cousins. There may have been other refinements in the HD tube as well. Taylor also made a 203A that I believe also used a graphite anode as well. One selling point about the HD203A was that it was more or less a drop in replacement for the UV-203 or 203A.
Regarding the UV-204, the original non-A designate was a copy of the famous "P" valve introduced very late in WWI. It too was rated as being able to develop 250W output, which was quite a feat in 1918! It remained basically unchanged until around 1923 when the UV-204A was introduced.The original "04" like the "P" valve had a round cylindrical shape in the middle of it housing the plate and it's supporting apparatus. The UV-204A was different. Instead of the familiar round shape in the middle of the glass envelope; it now had a elongated shape to it. The output of the new "04A" remained the same.
Somewhere in my collection of "iron" I believe I have a proper filament transformer for a UV-204A. If I can locate it, I'll see if I can take a few pictures of a original round shaped envelope "UV-204" with it's filament lit at full intensity to send to you and others in the AWA Group reflector. I lit it off only once some ten years ago or so, and remember that it did have filamentry continuity and was quite bright. As you previously stated, it's a big 177 watt light bulb!

I hope you and everyone who is participating is having a HI HI FBOM time in the B Kelly Contest. Tell Lou he hasn';t heard my warbling "peanut whistle" signal on the air since my CW skills are in need of a lot of practice, and as a result are painfully slow. Maybe next year or if the US ever opens up the 600 Meter band for Amateur Ops even sooner since it'll force me to practice again.
Very best regards,Joe Cro N3IBX On 12/11/16, 'aflowers@...' aflowers@... [AWAGroup]<AWAGroup@yahoogroups.com> wrote: Joe,
I was trying to take a good picture of the 203 and 203-A next to each other, but I can't get the lighting right. The one in the transmitter picture is a UV-203-A. If the base doesn't tell you, you can tell because of the big metal plates and scaffolding. In fact, the 03-A appears to be identicall to the UV-211, except there is more grid wire the spacing might be different to give the higher Mu. (My only UV-211 is a display with a hole in the plate, which I would have loved to have been a fly on the wall to see. Anyway, it probably shouldn't be the basis of any scientific comparisons). The one in the picture is at near full brightness, as it has a thoriated filament. I'm not too scared lighting it, as the lower filament current means its more likely to loose emission before the filament goes (this was the big improvement of the -A, much the way the UX-210 was a big improvement over the UV-202). The older UV-203 (discontinued in 1923, I think) has a pure tungsten filament, and is bright white like the UV-202 when lit...only brighter (the 202 is what you correctly identified in the back of the picture). It has a thinner plate that looks essentially like a UV-201 or UV-202, only bigger in area. I guess GE was also playing with the base material as I've seen them with both the familiar ceramic base and a dark material that looks like mica. My guess is that when people started putting more than a KV between the plate and filament they had issues. I think I read that Fred Schnell even took the bases off for some of the early transatlantic tests to avoid HV arcs in the base when the tubes were overloaded. I'm not sure of the history of the base material, but I'd be interested if anyone knows. (Tyne's book is coming for Christmas, which I really need now).
I've never seen an old UV204 (non -A), let alone one lit up, but I bet it was something you didn't want to be too close to. 14.75A at 12V on a pure tungsten filament is a 177W light bulb. That's more than my garage light, and another reason to keep the transmitter over in the corner of the room or in a separate building.
I'm guessing quality control in tube was steadily improving since the early 20's. I can see a 95 year old fingerprint, presumably of a GE factory worker from ages past, on the brass collar inside of one of these. It's a little reminder of where process control was then.
Andy K0SM/2

On Sunday, December 11, 2016 10:18 PM, "N3IBX N3IBX@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Hello Lou, I'm curious. What is the 50W class be-pipped tube in the photograph? Is it an 03 or 03A? The smaller one in the background looks like a UV-202. Best regards, Joe Cro N3IBX On 12/11/16, 'Louis Vermond' ve3awa@sympatico.ca [AWAGroup]<AWAGroup@yahoogroups.com> wrote: ☐ Hi Andy and TU for ur rpt. I think I ended up with around 25 QSOs or so from this noisy hole in the ground, almost all on 80M.25! I have about 7 on 80. The S-9 RFI QRM here is killing reception. GN, LouHot stuff...Are you using the Faradon variable for the antenna loading?

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14632. Re: [AWA Group] 2016 BK First Half Postmortem de W2ICE/4

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-13 02:56:05 UTC
From: Louis Vermond
Topic: 14603 Message: 14632

80 Well, we've made it before.

CU, Lou

----- Original Message -----
From: 'Steve Flood' kk7uv@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-12-12 7:52 PM
Subject: RE: [AWA Group] 2016 BK First Half Postmortem de W2ICE/4

Ok. So, to work the 6s and 7s I will stick with 40 for the first two hours.

Got that YS?

Don’t bother for me. I don’t have the REL 40m coil set completed, and no time this week to do so.

I am stuck on 80m. I will be joining in later in the evening due to dinner party festivities. Hoping for much better conditions next weekend (they couldn’t have been much worse).

KK7UV

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https://www.avast.com/antivirus

14633. Re: [AWA Group] 2016 BK First Half Postmortem de W2ICE/4

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-13 10:31:45 UTC
From: dulmagedon@...
Topic: 14603 Message: 14633

OK.
donVe3LYX

14634. Re: [AWA Group] 2016 BK First Half Postmortem de W2ICE/4

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-13 10:52:11 UTC
From: dulmagedon@...
Topic: 14603 Message: 14634

Still a quick "I am tuned up on or about 7117" for instance would be a big big help.
donVe3LYX

14635. Part Number Info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-13 16:23:55 UTC
From: Roger Kuchera
Topic: 14635 Message: 14635

Gentlemen, Once again I find myself looking for part number information. I was recently given a power transformer that isin reasonable condition. A couple of the leads needed replacement. Electrically, it is FB. The giver allowed as toit coming from a Johnson Ranger 1. Unfortunately, the part number does not match the nomenclature shown inthe parts list for either a Ranger 1 or 2; Navigator; Viking 1 or 2.

The part number is clearly stamped into the end bell and on the paper winding cover: P2534.

Can anyone help with IDing this beauty? I would be obliged for any help.

Roger/K1TG

14636. Re: [AWA Group] Part Number Info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-13 16:36:45 UTC
From: Bill Stewart
Topic: 14635 Message: 14636

Roger, that sorta looks like a Stancor number...Bill, K4JYS

----- Original Message -----

From: "Roger Kuchera rwkuchera@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "AWAGroup" <awagroup@yahoogroups.com>
Sent: Tuesday, December 13, 2016 11:23:55 AM
Subject: [AWA Group] Part Number Info needed

Gentlemen,
Once again I find myself looking for part number information. I was recently given a power transformer that is
in reasonable condition. A couple of the leads needed replacement. Electrically, it is FB. The giver allowed as to
it coming from a Johnson Ranger 1. Unfortunately, the part number does not match the nomenclature shown in
the parts list for either a Ranger 1 or 2; Navigator; Viking 1 or 2.

The part number is clearly stamped into the end bell and on the paper winding cover: P2534.

Can anyone help with IDing this beauty? I would be obliged for any help.

Roger/K1TG

14637. Re: Re: 1935-ish homebrew superhet (photos attached)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-13 17:22:31 UTC
From: N3IBX
Topic: 14443 Message: 14637

?
?Were're going to make 11 meters Great again!

I love it! See you on 27.255, the old RC channel 23 using my Siltronix 1011-D "Commanche"!
Joe N3IBX
?;
On 12/13/16, TERRYJ wrote:
?;
Hey Larry, My apologizes to you for not getting back to you sooner but I have been down at Trump Tower interviewing for "Chairman Of The FCC". Things will be different on the CB band if I get the job! It will be going back to hams! Were're going to make 11 meters Great again!

Well I am impressed as not too many people build their own receivers! I guess for historical purposes, I was your first contact on your home built receiver? This would make it two for two. If I remember correctly, I think I was the first station your heard on a 160 meter home-brew crystal set many years ago when I was running the big W i.e Westinghouse in the middle of the day testing, when I thought no one would hear me??

Well I shamelessly made this all about me when its you who deserves all the credit! I can't wait till March to attend the Lewiston ham fester and then visit your QTH to see what you have been building and maybe even try some of it out!

Keep up the great work.....

73

Terry

On Mon, Dec 5, 2016 at 3:07 PM, Larry Szendrei <ne1s@...> wrote:
Hello,

As some of you may know*, over the past 3 weeks or so I've been building a mid-1930s superhet communications receiver. It's been on "the list" for a few years now, but for whatever reason it suddenly became the most appealing project on the list, so I decided to "strike while the iron was hot" and get busy.

Topology is as follows - Jones "Super-Gainer" front-end with a type 57 regenerative mixer and 56 oscillator, two IF stages with AVC at 455 KHz using 58s, a 2B7 diode detector and 1st audio, 56 split-load phase inverter, PP 59s in the audio output, 5Z3 rectifier, and 24A BFO using the Dynatron circuit. 10 tubes in all. I am building it on the carcass of a "Columbia SG-8," which was a TRF AM broadcast set from 1929. It was my grandfather's, he had picked up the chassis and matching electrodynamic speaker on Radio Row in NYC in the 1930s. He had torn it apart and it was the foundation for many projects by him, and then me, as far back as I can remember but has been neglected as an almost bare chassis for the past 40 years or so. The only parts I am using that are original to that set are the chassis, power transformer, filter choke, and the speaker which still works and sounds

great.

About two weeks ago I had completed and was testing the front end only, using an external power supply and feeding the mixer output into a BC-453 tuned to 455 KHz. Last Tuesday and Wednesday I finished it up to the ("2nd") detector and was feeding its output into an external audio amp. It worked extremely well (about as well as any communications receiver of that era that I own, and I own a few), and I used it in a QSO with W2PFY on 40M AM. So far I have only wound coils for 40M. Actually they go from 40M to almost 20M; with a little tweaking of the coils I think I'll be able to get them to cover both bands. Eventually I'll wind sets to cover at least 160M and 80M as well.

As of this morning the power supply and audio sections are just about done, and the BFO will be the last section to complete - not counting a front panel. A Pilot drum dial will replace the large pointer knob on the bandspread tuning condenser. I am waiting to install it last to reduce the possibility of damage to it. The 2 under-chassis photos show the progress that has been made in the past week - actually a little less than that.

*it's about all I've been talking about on the air recently

73,
-Larry/NE1S

14638. Re: [AWA Group] Part Number Info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-13 18:06:31 UTC
From: Larry Szendrei
Topic: 14635 Message: 14638

I have an electronic copy of the Stancor catalog #S-106. Lots of P-****
numbers in there, but this catalog jumps from P-1834-3 all the way to
P-3020.

No joy...

73,
-Larry/NE1S

On 12/13/16 11:36 AM, Bill Stewart cwopr@... [AWAGroup] wrote:
> Roger, that sorta looks like a Stancor number...Bill, K4JYS
>
> ---
> *From: *"Roger Kuchera rwkuchera@... [AWAGroup]"
> <AWAGroup@yahoogroups.com>
> *To: *"AWAGroup" <awagroup@yahoogroups.com>
> *Sent: *Tuesday, December 13, 2016 11:23:55 AM
> *Subject: *[AWA Group] Part Number Info needed
>
> Gentlemen,
> Once again I find myself looking for part number information. I
> was recently given a power transformer that is
> in reasonable condition. A couple of the leads needed replacement.
> Electrically, it is FB. The giver allowed as to
> it coming from a Johnson Ranger 1. Unfortunately, the part number does
> not match the nomenclature shown in
> the parts list for either a Ranger 1 or 2; Navigator; Viking 1 or 2.
>
> The part number is clearly stamped into the end bell and on the
> paper winding cover: P2534.
>
> Can anyone help with IDing this beauty? I would be obliged for
> any help.
>
> Roger/K1TG
> _

14639. Re: [AWA Group] Part Number Info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-13 18:11:55 UTC
From: Roger Kuchera
Topic: 14635 Message: 14639

Addenda: You may be right about the Stancor possibility. I went to the BAMA site and checked several pieces of Johnsongear. The Ranger TXs show a low-voltage tap on the transformer for a bias supply. My transformer does not havethis tap.
  I'll try Stancor and see what I come up with. Thanks for the skinny.
Roger/K1TG

On Tuesday, December 13, 2016 1:07 PM, "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv0768677286 #yiv0768677286 -- #yiv0768677286 .yiv0768677286ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv0768677286 div.yiv0768677286ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv0768677286 div.yiv0768677286photo-title a, #yiv0768677286 div.yiv0768677286photo-title a:active, #yiv0768677286 div.yiv0768677286photo-title a:hover, #yiv0768677286 div.yiv0768677286photo-title a:visited {text-decoration:none;}#yiv0768677286 div.yiv0768677286attach-table div.yiv0768677286attach-row {clear:both;}#yiv0768677286 div.yiv0768677286attach-table div.yiv0768677286attach-row div {float:left;}#yiv0768677286 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv0768677286 div.yiv0768677286ygrp-file {width:30px;}#yiv0768677286 div.yiv0768677286attach-table div.yiv0768677286attach-row div div a {text-decoration:none;}#yiv0768677286 div.yiv0768677286attach-table div.yiv0768677286attach-row div div span {font-weight:normal;}#yiv0768677286 div.yiv0768677286ygrp-file-title {font-weight:bold;}#yiv0768677286 #yiv0768677286

I have an electronic copy of the Stancor catalog #S-106. Lots of P-**** numbers in there, but this catalog jumps from P-1834-3 all the way to P-3020.

No joy...

73,
-Larry/NE1S

On 12/13/16 11:36 AM, Bill Stewart cwopr@... [AWAGroup] wrote:

  Roger, that sorta looks like a Stancor number...Bill, K4JYS

From: "Roger Kuchera rwkuchera@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "AWAGroup" <awagroup@yahoogroups.com>
Sent: Tuesday, December 13, 2016 11:23:55 AM
Subject: [AWA Group] Part Number Info needed

  Gentlemen, Once again I find myself looking for part number information. I was recently given a power transformer that is in reasonable condition. A couple of the leads needed replacement. Electrically, it is FB. The giver allowed as to it coming from a Johnson Ranger 1. Unfortunately, the part number does not match the nomenclature shown in the parts list for either a Ranger 1 or 2; Navigator; Viking 1 or 2.

The part number is clearly stamped into the end bell and on the paper winding cover: P2534.

Can anyone help with IDing this beauty? I would be obliged for any help.

Roger/K1TG _

14640. Re: [AWA Group] Part Number Info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-14 00:17:43 UTC
From: Garey Barrell
Topic: 14635 Message: 14640

There were three versions of the Ranger.

Only the third version had the transformer with a tap for a bias supply.

There were two versions of the 'porch' behind the Function switch that had several 2W resistors to drop the high voltage, and the second which did not have those resistors.

--
73, Garey - K4OAH
Rome, GA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

> On Dec 13, 2016, at 1:11 PM, Roger Kuchera rwkuchera@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
>
>
> Addenda:
> You may be right about the Stancor possibility. I went to the BAMA site and checked several pieces of Johnson
> gear. The Ranger TXs show a low-voltage tap on the transformer for a bias supply. My transformer does not have
> this tap.
>
> I'll try Stancor and see what I come up with. Thanks for the skinny.
>
> Roger/K1TG
>
>
> On Tuesday, December 13, 2016 1:07 PM, "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:
>
>
>
>
> I have an electronic copy of the Stancor catalog #S-106. Lots of P-**** numbers in there, but this catalog jumps from P-1834-3 all the way to P-3020.
>
> No joy...
>
> 73,
> -Larry/NE1S
>

>> On 12/13/16 11:36 AM, Bill Stewart cwopr@... [AWAGroup] wrote:
>> Roger, that sorta looks like a Stancor number...Bill, K4JYS
>>
>> From: "Roger Kuchera rwkuchera@... [AWAGroup]" <AWAGroup@yahoogroups.com>
>> To: "AWAGroup" <awagroup@yahoogroups.com>
>> Sent: Tuesday, December 13, 2016 11:23:55 AM
>> Subject: [AWA Group] Part Number Info needed
>>
>>
>> Gentlemen,
>> Once again I find myself looking for part number information. I was recently given a power transformer that is
>> in reasonable condition. A couple of the leads needed replacement. Electrically, it is FB. The giver allowed as to
>> it coming from a Johnson Ranger 1. Unfortunately, the part number does not match the nomenclature shown in
>> the parts list for either a Ranger 1 or 2; Navigator; Viking 1 or 2.
>>
>> The part number is clearly stamped into the end bell and on the paper winding cover: P2534.
>>
>> Can anyone help with IDing this beauty? I would be obliged for any help.
>>
>> Roger/K1TG
>> _
>
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14641. Re: [AWA Group] Part Number Info needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-14 00:19:28 UTC
From: Garey Barrell
Topic: 14635 Message: 14641

That's not a Stancor number, rather a Johnson part number.

--
73, Garey - K4OAH
Rome, GA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

> On Dec 13, 2016, at 11:23 AM, Roger Kuchera rwkuchera@... [AWAGroup]
<AWAGroup@yahoogroups.com> wrote:
>
>
>
> Gentlemen,
> Once again I find myself looking for part number information. I was recently given a
power transformer that is
> in reasonable condition. A couple of the leads needed replacement. Electrically, it is
FB. The giver allowed as to
> it coming from a Johnson Ranger 1. Unfortunately, the part number does not match the
nomenclature shown in
> the parts list for either a Ranger 1 or 2; Navigator; Viking 1 or 2.
>
> The part number is clearly stamped into the end bell and on the paper winding cover:
P2534.
>
> Can anyone help with IDing this beauty? I would be obliged for any help.
>
> Roger/K1TG
>
>
>

14642. Re: Western Electric VT25

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-14 08:34:12 UTC
From: tannebri1@...
Topic: 14609 Message: 14642

Thanks for replies. Now to get building

73 Brian G6HUI

14643. Home made straight keys

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-14 13:24:50 UTC
From: lade@...
Topic: 14643 Message: 14643
Attachments: 1 described; binary payloads are missing from this source WARC

Hi all,

Here is a photo of the home made straight key I use for the Bruce Kelley. There's a lot of current in the center tap line so I made some silver contacts for it and have been happy with the results. I seldom have to clean the contacts during the event. Hopefully I will hear some of you on 160 meters after the embers burn down on 80 Saturday night...

73, KB0MM Burt

14644. RE: [AWA Group] Home made straight keys [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-14 13:33:08 UTC
From: Mike Feher
Topic: 14643 Message: 14644

A very nice key indeed Burt. Looks like you made everything, even the binding posts.
Congratulations & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 14, 2016 8:25 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Home made straight keys [1 Attachment]

Hi all,

Here is a photo of the home made straight key I use for the Bruce Kelley.
There's a lot of current in the center tap line so I made some silver contacts
for it and have been happy with the results. I seldom have to clean the contacts
during the event. Hopefully I will hear some of you on 160 meters after the
embers burn down on 80 Saturday night...

73, KB0MM Burt

14645. RE: [AWA Group] Home made straight keys

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-14 15:44:22 UTC
From: Don Dulmage
Topic: 14643 Message: 14645

two of the keys used here last weekend were also HB. One sideswiper and one straight key. Nice job on thoe. Did you cast the base?
donVe3LYX

On Wed, 12/14/16, 'Mike Feher' n4fs@eozinc.com [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: RE: [AWA Group] Home made straight keys
To: AWAGroup@yahoogroups.com
Received: Wednesday, December 14, 2016, 8:33 AM

A very nice key
indeed Burt. Looks like you made everything, even the
binding posts. Congratulations & 73 – Mike

Mike B. Feher,
N4FS89 Arnold
Blvd.Howell, NJ,
07731848-245-9115 From: AWAGroup@yahoogroups.com
[mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 14, 2016 8:25
AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Home made straight
keys [1 Attachment] Hi all,

Here is a photo of the home made straight key I
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There's a
lot of current in the center tap line so I made some silver
contacts
for it and have been happy with the
results. I seldom have to clean the contacts
during the event. Hopefully I will hear some
of you on 160 meters after the
embers burn
down on 80 Saturday night...

73, KB0MM Burt

14646. Re: [AWA Group] Home made straight keys [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-14 16:02:10 UTC
From: Roger Kuchera
Topic: 14643 Message: 14646

Nicely done. What did you use for the base? It looks like a giant fender washer.
Roger/K1TG

On Wednesday, December 14, 2016 8:25 AM, "lade@paulbunyan.net [AWAGroup]"
<AWAGroup@yahoogroups.com> wrote:

<!--#yiv3567957994 #yiv3567957994 .yiv3567957994ygrp-photo-title{clear:both;font-size:smal
ler;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv3567957994 div.yiv356795
7994ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:whi
te;border:1px solid black;height:62px;width:62px;}#yiv3567957994
div.yiv3567957994photo-title a, #yiv3567957994 div.yiv3567957994photo-title a:active,
#yiv3567957994 div.yiv3567957994photo-title a:hover, #yiv3567957994
div.yiv3567957994photo-title a:visited {text-decoration:none;}#yiv3567957994
div.yiv3567957994attach-table div.yiv3567957994attach-row {clear:both;}#yiv3567957994
div.yiv3567957994attach-table div.yiv3567957994attach-row div {float:left;}#yiv3567957994
p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv3567957994
div.yiv3567957994ygrp-file {width:30px;}#yiv3567957994 div.yiv3567957994attach-table
div.yiv3567957994attach-row div div a {text-decoration:none;}#yiv3567957994
div.yiv3567957994attach-table div.yiv3567957994attach-row div div span
{font-weight:normal;}#yiv3567957994 div.yiv3567957994ygrp-file-title
{font-weight:bold;}#yiv3567957994 --> <!--#yiv3567957994 #yiv3567957994ygrp-mkp
{border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv3567957994
#yiv3567957994ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv3567957994 #yiv3567957994ygrp-mkp
#yiv3567957994hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px
0;}#yiv3567957994 #yiv3567957994ygrp-mkp #yiv3567957994ads
{margin-bottom:10px;}#yiv3567957994 #yiv3567957994ygrp-mkp .yiv3567957994ad {padding:0
0;}#yiv3567957994 #yiv3567957994ygrp-mkp .yiv3567957994ad p {margin:0;}#yiv3567957994
#yiv3567957994ygrp-mkp .yiv3567957994ad a {color:#0000ff;text-decoration:none;}-->

Hi all,

Here is a photo of the home made straight key I use for the Bruce Kelley.
There's a lot of current in the center tap line so I made some silver contacts
for it and have been happy with the results. I seldom have to clean the contacts
during the event. Hopefully I will hear some of you on 160 meters after the
embers burn down on 80 Saturday night...

73,   KB0MM   Burt

14647. RE: [AWA Group] Home made straight keys

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-14 16:24:33 UTC
From: lade@...
Topic: 14643 Message: 14647

Don,

The base was machined from a solid cylindrical chunk of mild steel. I used both a lathe and a milling machine to get the required shape. I generated a lot of chips but the end product made it worth while. The piece I started with was solid and three inches in diameter and an inch thick and whittled on down from there mostly on a milling machine.

Burt

14648. Re: [AWA Group] Home made straight keys [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-14 16:32:28 UTC
From: lade@...
Topic: 14643 Message: 14648
Attachments: 1 described; binary payloads are missing from this source WARC

Here's another view of the key.

Burt

14649. Re: [AWA Group] Home made straight keys [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-14 16:35:01 UTC
From: William Kirk
Topic: 14643 Message: 14649

Very nice!! Jim kk4gfr

On Wed, Dec 14, 2016 at 10:32 AM, lade@paulbunyan.net [AWAGroup] <
AWAGroup@yahoogroups.com> wrote:

>
>
> Here's another view of the key.
>
>
>
> Burt
>
>

14650. 160 meters

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-14 16:45:04 UTC
From: kk4gfr@...
Topic: 14650 Message: 14650

Good morning all, I found that if I pad my tank on the Hartley with 1060pf, I'm in the 160 meter band. The station receiver is an Allied a-2516 (no 160). So I wound a 160 coil for the regen. Now this poses another problem, spotting the transmitter. I have a hand held freq. counter and gdo. That would probably get me spotted but no way to monitor my signal. Any ideas? Jim kk4gfr

14651. Re: [AWA Group] Home made straight keys [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-14 16:49:43 UTC
From: Larry Szendrei
Topic: 14643 Message: 14651

On 12/14/16 11:32 AM, lade@... [AWAGroup] wrote:
>
> Here's another view of the key.
>
>
>
> Burt
>
>
Burt, you're quite a talented guy. Knurling and attention to every
detail. Kudos...

73,
-Larry/NE1S

14652. Re: [AWA Group] 160 meters

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-14 16:56:14 UTC
From: Larry Szendrei
Topic: 14650 Message: 14652

Yeah - build a "growler."

Or, if you have an old frequency meter like a BC-221 or LM series, you can both monitor your own signal plus set your receiver on the same frequency as your transmitter (or vice-versa). You may even be able to use it as a direct-conversion receiver, or as a heterodyne oscillator so you don't have to operate your regen in oscillation. The possibilities are endless!

73,
-Larry/NE1S

On 12/14/16 11:45 AM, kk4gfr@... [AWAGroup] wrote:
>
> Good morning all, I found that if I pad my tank on the Hartley with
> 1060pf, I'm in the 160 meter band. The station receiver is an Allied
> a-2516 (no 160). So I wound a 160 coil for the regen. Now this poses
> another problem, spotting the transmitter. I have a hand held freq.
> counter and gdo. That would probably get me spotted but no way to
> monitor my signal. Any ideas? Jim kk4gfr
>

14653. Re: [AWA Group] 160 meters

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-14 17:02:10 UTC
From: William Kirk
Topic: 14650 Message: 14653

Thank you Larry! I'll try my best. 73 Jim

On Wed, Dec 14, 2016 at 10:56 AM, Larry Szendrei ne1s@...
[AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> Yeah - build a "growler."
>
> Or, if you have an old frequency meter like a BC-221 or LM series, you can
> both monitor your own signal plus set your receiver on the same frequency
> as your transmitter (or vice-versa). You may even be able to use it as a
> direct-conversion receiver, or as a heterodyne oscillator so you don't have
> to operate your regen in oscillation. The possibilities are endless!
>
> 73,
> -Larry/NE1S
>
> On 12/14/16 11:45 AM, kk4gfr@... [AWAGroup] wrote:
>
>
>
> Good morning all, I found that if I pad my tank on the Hartley with
> 1060pf, I'm in the 160 meter band. The station receiver is an Allied a-2516
> (no 160). So I wound a 160 coil for the regen. Now this poses another
> problem, spotting the transmitter. I have a hand held freq. counter and
> gdo. That would probably get me spotted but no way to monitor my signal.
> Any ideas? Jim kk4gfr
>
>
>
>

14654. Re: [AWA Group] 160 meters

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-14 17:05:54 UTC
From: N3IBX
Topic: 14650 Message: 14654

Hello Jim,
? ? ? ? ? ? ? ?Somewhere on the internet may be plans for a relatively simple rx converter with a 7.0mhz IF to go from 40M to the 160M band. Just a idea.
I have said converter built by someone else. It is all transistorized and works very well. I was told the plans for it are on the internet somewhere when I acquired it some 15+ years ago. I never found them, but haven't searched for them in a long time. Possibly by now they are out there.?

I use my 160M converter with a HB superhet that only covers 20M and 40M. It works very well on the 160M band when I have the converter inline with it.

If I find any information on it I'll forward it to you. Even though I have a converter, I'd like to have more information about it.

Very best regards,
Joe Cro N3IBX
?
?;
On 12/14/16, kk4gfr@... [AWAGroup] wrote:
?
?

Good morning all, I found that if I pad my tank on the Hartley with 1060pf, I'm in the 160 meter band. The station receiver is an Allied a-2516 (no 160). So I wound a 160 coil for the regen. Now this poses another problem, spotting the transmitter. I have a hand held freq. counter and gdo. That would probably get me spotted but no way to monitor my signal. Any ideas? ?Jim kk4gfr

14655. Re: [AWA Group] 160 meters

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-14 17:13:45 UTC
From: William Kirk
Topic: 14650 Message: 14655

Thankyou Joe. Probably the best long term solution. My gdo has a headphone jack. An old Millen. I have never used headphones with it but if I can monitor note with it, I'd feel confident to put the rig on the air. I set the tap by watching plate current but that's no substitute for hearing it! I'd love to make a BK 160 meter contact! 73 Jim

On Wed, Dec 14, 2016 at 11:05 AM, N3IBX N3IBX@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> Hello Jim,
> Somewhere on the internet may be plans for a relatively
> simple rx converter with a 7.0mhz IF to go from 40M to the 160M band. Just
> a idea.
> I have said converter built by someone else. It is all transistorized and
> works very well. I was told the plans for it are on the internet somewhere
> when I acquired it some 15+ years ago. I never found them, but haven't
> searched for them in a long time. Possibly by now they are out there.
>
> I use my 160M converter with a HB superhet that only covers 20M and 40M.
> It works very well on the 160M band when I have the converter inline with
> it.
>
> If I find any information on it I'll forward it to you. Even though I have
> a converter, I'd like to have more information about it.
>
> Very best regards,
> Joe Cro N3IBX
>
>
> On 12/14/16, kk4gfr@... [AWAGroup]<AWAGroup@yahoogroups.com> wrote:
>
>
>
> Good morning all, I found that if I pad my tank on the Hartley with
> 1060pf, I'm in the 160 meter band. The station receiver is an Allied a-2516
> (no 160). So I wound a 160 coil for the regen. Now this poses another
> problem, spotting the transmitter. I have a hand held freq. counter and
> gdo. That would probably get me spotted but no way to monitor my signal.
> Any ideas? Jim kk4gfr
>
>
>

14656. Re: [AWA Group] 160 meters

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-14 19:12:19 UTC
From: Bill Stewart
Topic: 14650 Message: 14656

Jim, you might be able to tune in the second harmonic on the Allied RX.
Glad you have made some progress re. 160m,
GL...Bill K4JYS

----- Original Message -----

From: "kk4gfr@... [AWAGroup]" <AWAGroup@...m>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, December 14, 2016 11:45:04 AM
Subject: [AWA Group] 160 meters

Good morning all, I found that if I pad my tank on the Hartley with 1060pf, I'm in the 160 meter band. The station receiver is an Allied a-2516 (no 160). So I wound a 160 coil for the regen. Now this poses another problem, spotting the transmitter. I have a hand held freq. counter and gdo. That would probably get me spotted but no way to monitor my signal. Any ideas? Jim kk4gfr

14657. Re: [AWA Group] 160 meters

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-14 21:01:43 UTC
From: William Kirk
Topic: 14650 Message: 14657

Hello Bill, I listened to my transmitter with Millen gdo. Sounded pretty good. Then spotted regen with same gdo. I will try listening for second harmonic with Allied. Suppose to get real cold so won't be in the shack for a couple of days. I found a schematic for a rf actuated cw monitor using a 555 chip and handful of parts. Be mighty handy for us regen guys. Bummer about the 160 cw contest! I'll be trying anyway. 73 Jim

On Wed, Dec 14, 2016 at 1:12 PM, Bill Stewart cwopr@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> Jim, you might be able to tune in the second harmonic on the Allied RX.
> Glad you have made some progress re. 160m,
> GL...Bill K4JYS
>
> ------------------------------
> *From: *"kk4gfr@... [AWAGroup]" <AWAGroup@yahoogroups.com>
> *To: *AWAGroup@yahoogroups.com
> *Sent: *Wednesday, December 14, 2016 11:45:04 AM
> *Subject: *[AWA Group] 160 meters
>
>
>
> Good morning all, I found that if I pad my tank on the Hartley with
> 1060pf, I'm in the 160 meter band. The station receiver is an Allied a-2516
> (no 160). So I wound a 160 coil for the regen. Now this poses another
> problem, spotting the transmitter. I have a hand held freq. counter and
> gdo. That would probably get me spotted but no way to monitor my signal.
> Any ideas? Jim kk4gfr
>
>
>
>

14658. Re: [AWA Group] 160 meters

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-14 22:49:36 UTC
From: dulmagedon@...
Topic: 14650 Message: 14658

I have wantd for sometime to do a broadcast band to 160M conversion with an old ac/dc or what southerners call an AA5. I now know thanks to Jim how to get a bfo in a matter of a few minutes on a tube sperhet. I mad a deal for a set with octal tubes when I fixed four radios for a fellow but he promptly forgot it once he had them all going. However I haven't and te next one I come across is going to have it happen. In fact turning one of those into a complete low power station would not be difficult. However an easy didicated receiver would require little more then a slight retune and If fudge for BFO I think. Just to try would be fun.
donVe3LYX

14659. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-14 23:51:48 UTC
From: Louis Vermond
Topic: 130 Message: 14659

http://www.ebay.com/itm/1917-1-2-Kilowatt-Oscillation-Coil-Kilbourne-Clark-Wireless-Equipment-VGC-/142206086440?hash=item211c24ad28:g:70IAAOSwa~BYSixJ

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14660. Re: [AWA Group] 160 meters

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-14 23:58:22 UTC
From: William Kirk
Topic: 14650 Message: 14660

Hello Don, Sounds like a fun idea. Just wanted to let you and others know of a neat little transformer. The Triad N-68X isolation transformer. It is 50VA and can be wired for 110 or 220V. Stout enough for many homebrew projects and they are reasonable. Just have to run a separate filament transformer. What is qrp on 160? 5 or 50 watts. Would like to get my feet wet there. 73 Jim

On Wed, Dec 14, 2016 at 4:49 PM, dulmagedon@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> I have wantd for sometime to do a broadcast band to 160M conversion with
> an old ac/dc or what southerners call an AA5. I now know thanks to Jim how
> to get a bfo in a matter of a few minutes on a tube sperhet. I mad a deal
> for a set with octal tubes when I fixed four radios for a fellow but he
> promptly forgot it once he had them all going. However I haven't and te
> next one I come across is going to have it happen. In fact turning one of
> those into a complete low power station would not be difficult. However an
> easy didicated receiver would require little more then a slight retune and
> If fudge for BFO I think. Just to try would be fun.
> donVe3LYX
>
>

14661. Re: [AWA Group] 160 meters

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-15 01:52:46 UTC
From: dulmagedon@...
Topic: 14650 Message: 14661

Have only ever logged one qso on 160M, That was with one of my ARC5s. My collins station does 160m but I haven't had it there yet except for some SWL ing with the TCS13 rx.. Content to get it running well on 80M so it will be new territory for me as well. I have no qualms with AC DC set ups.however that might make a good mod transformer.
donVe3LYX

14662. ePay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-15 02:03:00 UTC
From: Louis Vermond
Topic: 14662 Message: 14662

http://www.ebay.com/itm/Large-Triode-Tube-De-Forest-/311509606861?hash=item48876b61cd:g:~rwAAOSwQTVV-MtS

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14663. How to Fine Tune your 1929 Transmitter Frequency

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-15 03:47:12 UTC
From: Whitebear1122
Topic: 14650 Message: 14663

While operating the 1929 BK Sunday afternoon I made an interesting discovery on how to fine tune the transmitter frequency. I set down a can of carbonated water about 12” from the Colpitts copper tubing coil. The frequency promptly changed several hundred Hertz. As I moved the can closer like from 12” to 10” and the frequency continued to drop. I would pull the can away and the frequency would increase.

SO now when you listen to my silky smooth frequency adjustment, you can visualize me just grabbing the can and moving it closer or further away.

I’ll bet it works even better with a can of beer :)

73, Scott WA9WFA

14664. Re: [AWA Group] How to Fine Tune your 1929 Transmitter Frequency

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-15 04:11:03 UTC
From: aflowers@frontiernet.net
Topic: 14650 Message: 14664

I had my beverage in a bottle. Rookie mistake.
Andy K0SM/2

On Wednesday, December 14, 2016 10:48 PM, "Whitebear1122 whitebear1122@comcast.net [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

While operating the 1929 BK Sunday afternoon I made an interesting discovery on how to fine tune the transmitter frequency. I set down a can of carbonated water about 12” from the Colpitts copper tubing coil. The frequency promptly changed several hundred Hertz. As I moved the can closer like from 12” to 10” and the frequency continued to drop. I would pull the can away and the frequency would increase.

SO now when you listen to my silky smooth frequency adjustment, you can visualize me just grabbing the can and moving it closer or further away.

I’ll bet it works even better with a can of beer :)

73, Scott WA9WFA

14665. RE: [AWA Group] ePay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-15 04:43:27 UTC
From: Mike Feher
Topic: 14662 Message: 14665

While this price is ridiculous, someone may still jump on it. 845s are in big demand by the audios guys. An equivalent 203A made by deForest would be only $75. 73- Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Wednesday, December 14, 2016 9:03 PM
To: AWAGroup
Subject: [AWA Group] ePay Alert

http://www.ebay.com/itm/Large-
<http://www.ebay.com/itm/Large-Triode-Tube-De-Forest-/311509606861?hash=item48876b61cd:g:~rwAAOSwQTVV-MtS>
Triode-Tube-De-Forest-/311509606861?hash=item48876b61cd:g:~rwAAOSwQTVV-MtS

_____

<https://www.avast.com/antivirus> Avast logo

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www.avast.com <https://www.avast.com/antivirus>

14666. RE: [AWA Group] ePay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-15 10:58:27 UTC
From: dulmagedon@...
Topic: 14662 Message: 14666

VINTAGE 1920s OLD NEW IN BOX BALLANTINE 1 TUBE ANTIQUE RADIO FREQ. AMPLIFIER | eBay http://www.ebay.com/itm/VINTAGE-1920s-OLD-NEW-IN-BOX-BALLANTINE-1-TUBE-ANTIQUE-RADIO-FREQ-AMPLIFIER-/142204582685?hash=item211c0dbb1d:g:U54AAOSwo4pYSGAm

14667. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-15 13:30:01 UTC
From: Louis Vermond
Topic: 130 Message: 14667

http://www.ebay.com/itm/VINTAGE-1920s-OLD-ANTIQUE-NICKEL-PLATED-MAGNAVOX-TELEPHONE-STYLE-MICROPHONE-/132029496816?hash=item1ebd923df0:g:-swAAOSw4GVYSqnu

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https://www.avast.com/antivirus

14668. Re: [AWA Group] ePay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-15 13:34:41 UTC
From: Louis Vermond
Topic: 14662 Message: 14668

An equivalent 203A made by deForest would be only $75. I wish...

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https://www.avast.com/antivirus

14669. RE: [AWA Group] ePay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-15 14:59:41 UTC
From: Mike Feher
Topic: 14662 Message: 14669

I bought a couple for that on eBay about a year ago. - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, December 15, 2016 8:35 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] ePay Alert

An equivalent 203A made by deForest would be only $75. I wish...

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www.avast.com <https://www.avast.com/antivirus>

14670. Re: [AWA Group] ePay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-15 16:07:37 UTC
From: Louis Vermond
Topic: 14662 Message: 14670

1920s versions?

----- Original Message -----
From: 'Mike Feher' n4fs@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-12-15 9:59 AM
Subject: RE: [AWA Group] ePay Alert

I bought a couple for that on eBay about a year ago. - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, December 15, 2016 8:35 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] ePay Alert

An equivalent 203A made by deForest would be only $75. I wish...

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www.avast.com

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14671. Re: [AWA Group] How to Fine Tune your 1929 Transmitter Frequency

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-15 13:33:37 UTC
From: Louis Vermond
Topic: 14650 Message: 14671

I’ll bet it works even better with 6 cans of beer :)

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https://www.avast.com/antivirus

14672. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-15 17:16:28 UTC
From: N3IBX
Topic: 130 Message: 14672

Hello Lou,
? ? ? ? ? ? ? ? Thanks for posting this beautiful microphone. It is VERY VERY nice and appears to be in super condition. It is a single button carbon ";Magnavox" and, not too often seen. It looks like it was made for either very early broadcast or Amateur use. ?

Regards,
Joe N3IBX
?
?
On 12/15/16, 'Louis Vermond' ve3awa@... [AWAGroup] wrote:
?
?

☐
http://www.ebay.com/itm/VINTAGE-1920s-OLD-ANTIQUE-NICKEL-PLATED-MAGNAVOX-TELEPHONE-STYLE-MICROPHONE-/132029496816?hash=item1ebd923df0:g:-swAAOSw4GVYSqnu

(https://www.avast.com/antivirus)

This email has been checked for viruses by Avast antivirus software.
www.avast.com (https://www.avast.com/antivirus)

14673. Re: [AWA Group] How to Fine Tune your 1929 Transmitter Frequency

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-15 17:17:51 UTC
From: Roger Kuchera
Topic: 14650 Message: 14673

Gee.....After 6 cans of beer do you really care? Think now....with a can of Fosters you could use it as acoarse control and one of stubby cans (aka Pony) to zero beat.
Roger/K1TG

On Thursday, December 15, 2016 12:05 PM, "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv7733456003 #yiv7733456003 .yiv7733456003ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv7733456003 div.yiv7733456003ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv7733456003 div.yiv7733456003photo-title a, #yiv7733456003 div.yiv7733456003photo-title a:active, #yiv7733456003 div.yiv7733456003photo-title a:hover, #yiv7733456003 div.yiv7733456003photo-title a:visited {text-decoration:none;}#yiv7733456003 div.yiv7733456003attach-table div.yiv7733456003attach-row {clear:both;}#yiv7733456003 div.yiv7733456003attach-table div.yiv7733456003attach-row div {float:left;}#yiv7733456003 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv7733456003 div.yiv7733456003ygrp-file {width:30px;}#yiv7733456003 div.yiv7733456003attach-table div.yiv7733456003attach-row div div a {text-decoration:none;}#yiv7733456003 div.yiv7733456003attach-table div.yiv7733456003attach-row div div span {font-weight:normal;}#yiv7733456003 div.yiv7733456003ygrp-file-title {font-weight:bold;}#yiv7733456003 --> ☐

I'll bet it works even better with 6 cans of beer :)

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14674. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-15 17:27:03 UTC
From: Mike Feher
Topic: 130 Message: 14674

Actually it was made for a PA system. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, December 15, 2016 12:16 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert

Hello Lou,

Thanks for posting this beautiful microphone. It is VERY VERY nice and appears to be in super condition. It is a single button carbon "Magnavox" and, not too often seen. It looks like it was made for either very early broadcast or Amateur use.

Regards,

Joe N3IBX

On 12/15/16, 'Louis Vermond' ve3awa@... [AWAGroup]<AWAGroup@yahoogroups.com> wrote:

☐

http://www.ebay.com/itm/VINTAGE- <http://www.ebay.com/itm/VINTAGE-1920s-OLD-ANTIQUE-NICKEL-PLATED-MAGNAVOX-TELEPHONE-STYLE-MICROPHONE-/132029496816?hash=item1ebd923df0:g:-swAAOSw4GVYSqnu> 1920s-OLD-ANTIQUE-NICKEL-PLATED-MAGNAVOX-TELEPHONE-STYLE-MICROPHONE-/132029496816?hash=item1ebd923df0:g:-swAAOSw4GVYSqnu

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<https://www.avast.com/antivirus> Avast logo

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www.avast.com <https://www.avast.com/antivirus>

14675. Re: [AWA Group] How to Fine Tune your 1929 Transmitter Frequency

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-15 17:59:48 UTC
From: Larry Szendrei
Topic: 14650 Message: 14675

The only decent beer that comes in a can is Guiness draught - but you're supposed to pour it into a glass before you drink it.

Come to think of it, I used to have some metal beer mugs with a glass bottom - betcha that would work out FB!

73,
-Larry/NE1S

On 12/15/16 12:17 PM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:
> Gee.....After 6 cans of beer do you really care? Think now....with a
> can of Fosters you could use it as a
> coarse control and one of stubby cans (aka Pony) to zero beat.
>
> Roger/K1TG
>
>
> On Thursday, December 15, 2016 12:05 PM, "'Louis Vermond'
> ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:
>
>
> □
>
>
> I'll bet it works even better with 6 cans of beer :)

14676. Re: [AWA Group] How to Fine Tune your 1929 Transmitter Frequency

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-15 19:01:44 UTC
From: Roger Kuchera
Topic: 14650 Message: 14676

Be careful of some of the metal beer mugs, the alloy used can contain lead! I suppose a stein mightwork if it has a metal lid. Of course if you were to find a vintage steel can the effect might be moreprofound.
I wonder if the orientation of the beer can would matter?
Roger/K1TG

On Thursday, December 15, 2016 1:00 PM, "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv5225749784 #yiv5225749784 -- #yiv5225749784 .yiv5225749784ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv5225749784 div.yiv5225749784ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv5225749784 div.yiv5225749784photo-title a, #yiv5225749784 div.yiv5225749784photo-title a:active, #yiv5225749784 div.yiv5225749784photo-title a:hover, #yiv5225749784 div.yiv5225749784photo-title a:visited {text-decoration:none;}#yiv5225749784 div.yiv5225749784attach-table div.yiv5225749784attach-row {clear:both;}#yiv5225749784 div.yiv5225749784attach-table div.yiv5225749784attach-row div {float:left;}#yiv5225749784 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv5225749784 div.yiv5225749784ygrp-file {width:30px;}#yiv5225749784 div.yiv5225749784attach-table div.yiv5225749784attach-row div div a {text-decoration:none;}#yiv5225749784 div.yiv5225749784attach-table div.yiv5225749784attach-row div div span {font-weight:normal;}#yiv5225749784 div.yiv5225749784ygrp-file-title {font-weight:bold;}#yiv5225749784 #yiv5225749784

The only decent beer that comes in a can is Guiness draught - but you're supposed to pour it into a glass before you drink it.

Come to think of it, I used to have some metal beer mugs with a glass bottom - betcha that would work out FB!

73,
-Larry/NE1S

On 12/15/16 12:17 PM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:

  Gee.....After 6 cans of beer do you really care? Think now....with a can of Fosters you could use it as a coarse control and one of stubby cans (aka Pony) to zero beat.
Roger/K1TG

On Thursday, December 15, 2016 12:05 PM, "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

☐

I’ll bet it works even better with 6 cans of beer :)

14677. RE: [AWA Group] How to Fine Tune your 1929 Transmitter Frequency

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-15 20:16:21 UTC
From: Carl Nord
Topic: 14650 Message: 14677

This obviously calls for extensive and careful testing.

Is it impacted by:

· The ABV?

· The amount of hops?

· The addition of other flavorings?

· The type of container?

· The diameter vs height?

· Impact of air pressure

One cannot simply presume on science…..

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, December 15, 2016 2:02 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] How to Fine Tune your 1929 Transmitter Frequency

Be careful of some of the metal beer mugs, the alloy used can contain lead! I suppose a stein might

work if it has a metal lid. Of course if you were to find a vintage steel can the effect might be more

profound.

I wonder if the orientation of the beer can would matter?

Roger/K1TG

On Thursday, December 15, 2016 1:00 PM, "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

The only decent beer that comes in a can is Guiness draught - but you're supposed to pour it into a glass before you drink it.

Come to think of it, I used to have some metal beer mugs with a glass bottom - betcha that would work out FB!

73,
-Larry/NE1S

On 12/15/16 12:17 PM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:

Gee.....After 6 cans of beer do you really care? Think now....with a can of Fosters you could use it as a

coarse control and one of stubby cans (aka Pony) to zero beat.

Roger/K1TG

On Thursday, December 15, 2016 12:05 PM, "'Louis Vermond' ve3awa@... [AWAGroup]" <mailto:AWAGroup@yahoogroups.com> <AWAGroup@yahoogroups.com> wrote:

☐

I’ll bet it works even better with 6 cans of beer :)

14678. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-15 21:05:44 UTC
From: dulmagedon@...
Topic: 130 Message: 14678

I am trying hard not to look! I have several transmitters that use single button carbon mics. I love the sound of them. Sounds like a communications radio , not an FM broadcast station. I like that although recognize others feel different.
donVe3LYX

14679. Keying monitor

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-15 21:18:49 UTC
From: kk4gfr@...
Topic: 14679 Message: 14679

Hello Bill, Listening at the second harmonic on station receiver works fb for monitoring 160 keying! Thanks. Jim

14680. RE: [AWA Group] How to Fine Tune your 1929 Transmitter Frequency

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-15 21:20:33 UTC
From: kk4gfr@...
Topic: 14650 Message: 14680

Does lite beer work as a fine tune?

14681. DeForest Audion 510 Vacuum Tube...Specs pse

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-15 23:07:18 UTC
From: Louis Vermond
Topic: 14681 Message: 14681

Hi,

Anyone know the filament V/I and max. B+ for this tube? Can not find on net.

Thanks, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14682. RE: [AWA Group] DeForest Audion 510 Vacuum Tube...Specs pse

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-15 23:11:41 UTC
From: Mike Feher
Topic: 14681 Message: 14682

Lou -

Same as 210. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, December 15, 2016 6:07 PM
To: AWAGroup
Subject: [AWA Group] DeForest Audion 510 Vacuum Tube...Specs pse

Hi,

Anyone know the filament V/I and max. B+ for this tube? Can not find on net.

Thanks, Lou

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www.avast.com <https://www.avast.com/antivirus>

14683. Re: [AWA Group] DeForest Audion 510 Vacuum Tube...Specs pse

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-15 23:24:30 UTC
From: Louis Vermond
Topic: 14681 Message: 14683

Same as 210. 73 - Mike

Tks, Mike.

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https://www.avast.com/antivirus

14684. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-15 23:29:37 UTC
From: Louis Vermond
Topic: 130 Message: 14684

Go for it, Don! GL

----- Original Message -----
From: dulmagedon@yahoo.ca [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-12-15 4:05 PM
Subject: RE: [AWA Group] eBay Alert

I am trying hard not to look! I have several transmitters that use single button carbon mics. I love the sound of them. Sounds like a communications radio , not an FM broadcast station. I like that although recognize others feel different.
donVe3LYX

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14685. Re: [AWA Group] DeForest Audion 510 Vacuum Tube...Specs pse

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-16 00:17:53 UTC
From: N3IBX
Topic: 14681 Message: 14685

Lou - They're the same as a regular #10 tube. If you need more info email me off the reflector or call via the telephone.
Joe N3IBX?
?
?
On 12/15/16, 'Louis Vermond' ve3awa@... [AWAGroup] wrote:
?
?

Hi,
?
Anyone know the filament V/I and max. B+ for this tube? Can not find on net.
?
Thanks, Lou

(https://www.avast.com/antivirus)

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www.avast.com (https://www.avast.com/antivirus)

14686. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-16 14:33:49 UTC
From: dulmagedon@...
Topic: 130 Message: 14686

No, I have to exercise some self discipline. I have several now. Some really ancient too. BTW there was also an unknown NOS tube with a round ball style glass. 4 pin and a cap so it wouldn't be a rectifier I would think. At $35 when I looked it would have been a bargin and still may be. It was compared in size to a glass coke bottle.
Since getting the Collins station here and now on the air I am somewhat content. I am hoping to log more contacts this weekend in the BK then last. Will probably concentrate on 80M with my new Hartley. Gave away two old radios lately. Both working. Need to sell a few too. My DX60 station and my Trio 59R rx I think as well as a HP Nixie tubed FreqCounter and a HP DB meter would not be missed here. And then just keep what I like and use.
donVe3LYX

14687. Re: [AWA Group] DeForest Audion 510 Vacuum Tube...Specs pse

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-16 16:40:25 UTC
From: Louis Vermond
Topic: 14681 Message: 14687

Tks, Joe, but Mike came through. It's a "low-emitter" 10. Lou

Lou - They're the same as a regular #10 tube. If you need more info email me off the reflector or call via the telephone.
Joe N3IBX

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https://www.avast.com/antivirus

14688. De Forest Audio 510

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-16 17:33:17 UTC
From: Louis Vermond
Topic: 14688 Message: 14688
Attachments: 1 described; binary payloads are missing from this source WARC

Hello,

Ian, G3ZDQ sent this additional information on the 510...and many other De Forest transmitting tubes. Worth visiting. Thanks Ian...

73, Lou

There is a little info on page 14

http://www.americanradiohistory.com/Archive-Radio-World/30s/30/Radio-World-1930-Dec-20.pdf

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https://www.avast.com/antivirus

14689. KP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-16 18:57:55 UTC
From: Louis Vermond
Topic: 14689 Message: 14689
Attachments: 1 described; binary payloads are missing from this source WARC

Hello,

I devoted much of yesterday to fine tuning the TNT for 40 mtrs. The 40 metre tank coil I had was built in a rush several years ago and looked like it. That has changed. Also, brought the grid coil resonance to just below 7 megs where it is supposed to be for efficient bottom end operation. I am pleased with the signal quality results. At 10Ws input, the output is 3.5Ws.

If anyone wishes a 40 and /or 80 mtr. test report this evening starting at 02:00GMT, please let me know.

73, Lou
VE3AWA

At the specified 5 turns, the tank circuit would not tune below 7100kc.
With 6 Ts, the shunt capacity at the bottom of the band is 440mmfd. Hi-ish C.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14690. Re: [AWA Group] KP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-16 21:23:16 UTC
From: N1BUG
Topic: 14689 Message: 14690
Attachments: 1 described; binary payloads are missing from this source WARC

Beautiful work as always Lou!

I like your 40m tank coil. Mine as you can see is 5 turns but bunched up with the tube bent 90 degrees on what would be the operator facing end to make it fit the beehive spacing. At least one of the old TNT articles must have shown it this way (don't have any of them handy just now). Yours looks nicer.

73,
Bugs

14691. KP es N1BUG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-16 22:14:54 UTC
From: Louis Vermond
Topic: 14691 Message: 14691
Attachments: 1 described; binary payloads are missing from this source WARC

Bugs OM,

Thank you. I thought of doing as you did, but was not feeling radical so stayed with the tried & true.

Just came up from the station after a final gear test. All set.

73, Lou
VE3AWA

So, will you be in the KP this weekend?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14692. Re: [AWA Group] KP

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-17 05:25:40 UTC
From: James Sweeden
Topic: 14689 Message: 14692

Hi. What is the spacing between turns on your tank coil and how did you determine the resonance point of the grid coil? I had the crazy idea to sweep mine (grid coil, in circuit) with the grid dip meter while powered off, found a dip at ~9 megs. Added as many more turns as would fit on my form which gave me a total of ~ 37. Checked it again with the grid dip meter and found the dip now at ~7 megs. Powered it up but found that the plate current was lowest with the cap fully meshed, ~6.7 megs. Started removing turns expecting to see the dip in plate current moving upwards but instead it just became steady. By that I mean the current would change only a very small amount over the turning range. Kept on removing turns and the plate current dip returned but now the dip was in the 40 meter band. The tone at this point was very good with very little chirp but power output had dropped to about 1W. As the coupling of the antenna and plate coils is increased I reach a point where the power peeks and starts to fall again. Twenty-three turns remained. If I keyed the transmitter with the cap fully meshed it would not oscillate at all, had to have it tuned higher to get it to fly. I put one turn back on it for the BK. Power out ~ 2W. All very interesting but I'm not sure what it means. 3.5Ws would be great but I am not there yet;-(

73,

James/KB7LJP

PS I did make one BK contact last weekend so all was not lost. I think the times I was on were not the best for 40, will mix that up some this week.

On 16-Dec-16 10:57 AM, 'Louis Vermond' ve3awa@... [AWAGroup] wrote:
>
> I devoted much of yesterday to fine tuning the TNT for 40 mtrs. The 40
> metre tank coil I had was built in a rush several years ago and looked
> like it. That has changed. Also, brought the grid coil resonance to
> just below 7 megs where it is supposed to be for efficient bottom end
> operation. I am pleased with the signal quality results. At 10Ws
> input, the output is 3.5Ws.
>

14693. Morning efforts

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-17 12:28:33 UTC
From: dulmagedon@...
Topic: 14693 Message: 14693

Got up early this morning. After morning vespers fired up the Collins TCS rigs for some Old Mil Radio Net ativity. Got a decent sig report as faraway as Florida so i wont even breath on It. After I finished with the group I cleared the bench and set up the new hartley with a 45 tube installed. Tuned it up on 3570 and left everything ready to go for tonite. I have to play fiddle but should be home before 9 Pm est so I can just throw the switch and go. If this morning's AM activity is any indication the bands should be good tonite. After midnite I will run the monster Hartley. That should make it across the pond as well so I will start around 7035 and 7052 then move on to 7100 to 7125 till I get too sleepy to operate. My goal though is to log a few with the new Hartley on 80M. Didnt get enouf last week to be in the hunt so I am just in for the fun and to help out others fill their log. Fun is the only reason I play anyway.
donVe3LYX

14694. eBay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-17 14:59:45 UTC
From: Mike Feher
Topic: 14694 Message: 14694

http://www.ebay.com/itm/391654516584?_trksid=p2055119.m1438.l2649
<http://www.ebay.com/itm/391654516584?_trksid=p2055119.m1438.l2649&ssPageNam
e=STRK%3AMEBIDX%3AIT> &ssPageName=STRK%3AMEBIDX%3AIT

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

14695. RE: [AWA Group] eBay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-17 15:39:17 UTC
From: Paul Christensen
Topic: 14694 Message: 14695

Saw it early this morning and spotted the barrier strip. Approximately what year was the barrier strip introduced as a wiring connection device?

Paul, W9AC

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, December 17, 2016 10:00 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] eBay alert -

http://www.ebay.com/itm/391654516584?_trksid=p2055119.m1438.l2649 <http://www.ebay.com/itm/391654516584?_trksid=p2055119.m1438.l2649&ssPageName=STRK%3AMEBIDX%3AIT> &ssPageName=STRK%3AMEBIDX%3AIT

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

14696. Re: [AWA Group] eBay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-17 15:58:57 UTC
From: aflowers@frontiernet.net
Topic: 14694 Message: 14696

It was built by W2VDI in 1988, if the writing on the bottom is to believed.
Andy K0SM/2

On Saturday, December 17, 2016 10:39 AM, "'Paul Christensen' w9ac@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Saw it early this morning and spotted the barrier strip. Approximately what year was the barrier strip introduced as a wiring connection device? Paul, W9AC From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, December 17, 2016 10:00 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] eBay alert - http://www.ebay.com/itm/391654516584?_trksid=p2055119.m1438.l2649&ssPageName=STRK%3AMEBIDX%3AIT Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731848-245-9115

14697. RE: [AWA Group] eBay alert -

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-17 16:02:24 UTC
From: Mike Feher
Topic: 14694 Message: 14697

Exactly -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, December 17, 2016 10:59 AM
To: AWAGroup@...m
Subject: Re: [AWA Group] eBay alert -

It was built by W2VDI in 1988, if the writing on the bottom is to believed.

Andy K0SM/2

On Saturday, December 17, 2016 10:39 AM, "'Paul Christensen' w9ac@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Saw it early this morning and spotted the barrier strip. Approximately what year was the barrier strip introduced as a wiring connection device?

Paul, W9AC

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, December 17, 2016 10:00 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] eBay alert -

http://www.ebay.com/itm/391654516584?_trksid=p2055119.m1438.l2649 <http://www.ebay.com/itm/391654516584?_trksid=p2055119.m1438.l2649&ssPageName=STRK%3AMEBIDX%3AIT> &ssPageName=STRK%3AMEBIDX%3AIT

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

14698. KP, TNTs es James

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-17 17:03:23 UTC
From: Louis Vermond
Topic: 14698 Message: 14698
Attachments: 1 described; binary payloads are missing from this source WARC

Hello James,

My e-mail server has been down hence the late reply.

What is the spacing between turns on your tank coil .... 1/2"

and how did you determine the resonance point of the grid coil? As you did. Removed excessive turns until the plate I was at lowest point at desired frequency. I was not confronted with those results.

PS I did make one BK contact last weekend so all was not lost. There are a few VE3s that will be looking for you tonight.

3.5Ws would be great but I am not there yet... I am using a 210 with 350B+. I could easily achieve 6Ws out, but signal quality (quality here refering to purity of tone, drift and chirp) degrades. As we all know, light antenna loading it the magic fix.

All very interesting but I'm not sure what it means. Yes, and I'm not sure either. There are others here who do I'm sure. Well "others"?

GL es CUL James, Lou VE3AWA

I had the crazy idea to sweep mine (grid coil, in circuit) with the grid dip meter while powered off, found a dip at ~9 megs. Added as many more turns as would fit on my form which gave me a total of ~ 37. Checked it again with the grid dip meter and found the dip now at ~7 megs. Powered it up but found that the plate current was lowest with the cap fully meshed, ~6.7 megs. Started removing turns expecting to see the dip in plate current moving upwards but instead it just became steady. By that I mean the current would change only a very small amount over the turning range. Kept on removing turns and the plate current dip returned but now the dip was in the 40 meter band. The tone at this point was very good with very little chirp but power output had dropped to about 1W. As the coupling of the antenna and plate coils is increased I reach a point where the power peeks and starts to fall again. Twenty-three turns remained. If I keyed the transmitter with the cap fully meshed it would not oscillate at all, had to have it tuned higher to get it to fly. I put one turn back on it for the BK. Power out ~ 2W. All very interesting but I'm not sure what it means. 3.5Ws would be great but I am not there yet;-(

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14699. Re: [AWA Group] KP, TNTs es James

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-17 17:47:19 UTC
From: Roger Kuchera
Topic: 14698 Message: 14699
Attachments: 1 described; binary payloads are missing from this source WARC

Howdy James, This may not have any bearing on the problem you describe but I would be leery of that tiny pie-wound choke.If it is iron/ferrite cored it can and will do strange things. There was an article in ER re: the little beasties. Ifmemory serves it was written by W7EKB. I am mentioned in the article for having a problem with a Q-Multiplier I built. I stuck an old-fashioned 2.5 mH choke in the circuit and Presto! Chango! it even worked. Roger/K1TG

On Saturday, December 17, 2016 12:03 PM, "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv2728531377 #yiv2728531377 -- .yiv2728531377ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv2728531377 div.yiv2728531377ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv2728531377 div.yiv2728531377photo-title a, #yiv2728531377 div.yiv2728531377photo-title a:active, #yiv2728531377 div.yiv2728531377photo-title a:hover, #yiv2728531377 div.yiv2728531377photo-title a:visited {text-decoration:none;}#yiv2728531377 div.yiv2728531377attach-table div.yiv2728531377attach-row {clear:both;}#yiv2728531377 div.yiv2728531377attach-table div.yiv2728531377attach-row div {float:left;}#yiv2728531377 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv2728531377 div.yiv2728531377ygrp-file {width:30px;}#yiv2728531377 div.yiv2728531377attach-table div.yiv2728531377attach-row div div a {text-decoration:none;}#yiv2728531377 div.yiv2728531377attach-table div.yiv2728531377attach-row div div span {font-weight:normal;}#yiv2728531377 div.yiv2728531377ygrp-file-title {font-weight:bold;}#yiv2728531377

 Hello James,My e-mail server has been down hence the late reply. What is the spacing between turns on your tank coil .... 1/2" and how did you determine the resonance point of the grid coil? As you did. Removed excessive turns until the plate I was at lowest point at desired frequency. I was not confronted with those results.PS I did make one BK contact last weekend so all was not lost. There are a few VE3s that will be looking for you tonight. 3.5Ws would be great but I am not there yet... I am using a 210 with 350B+. I could easily achieve 6Ws out, but signal quality (quality here refering to purity of tone, drift and chirp) degrades. As we all know, light antenna loading it the magic fix. All very interesting but I'm not sure what it means. Yes, and I'm not sure either. There are others here who do I'm sure. Well "others"? GL es CUL James, Lou VE3AWA I had the crazy idea to sweep mine (grid coil, in circuit) with the grid dip meter while powered off, found a dip at ~9 megs. Added as many more turns as would fit on my form which gave me a total of ~ 37. Checked it again with the grid dip meter and found the dip now at ~7 megs. Powered it up but found that the plate current was lowest with the cap fully meshed, ~6.7 megs. Started removing turns expecting to see the dip in plate current moving upwards but instead it just became steady. By that I mean the current would change only a very small amount over the turning range. Kept on removing turns and the plate current dip returned but now the dip was in the 40 meter band. The tone at this point was very good with very little chirp but power output had dropped to about 1W. As the coupling of the antenna and

plate coils is increased I reach a point where the power peeks and starts to fall again. Twenty-three turns remained. If I keyed the transmitter with the cap fully meshed it would not oscillate at all, had to have it tuned higher to get it to fly. I put one turn back on it for the BK. Power out ~ 2W. All very interesting but I'm not sure what it means. 3.5Ws would be great but I am not there yet;-(

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www.avast.com |

14700. Does anyone have?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-17 18:24:00 UTC
From: Louis Vermond
Topic: 14700 Message: 14700
Attachments: 1 described; binary payloads are missing from this source WARC

Need two of these REL coil clips. Please look in your junk boxes. With them I can proceed with project.
TKS, Lou

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https://www.avast.com/antivirus

14701. RE: [AWA Group] Does anyone have?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-17 19:18:24 UTC
From: Mike Feher
Topic: 14700 Message: 14701
Attachments: 1 described; binary payloads are missing from this source WARC

I bought a bunch from this guy back in May. 73 - Mike

http://www.ebay.ca/itm/ws/eBayISAPI.dll?ViewItem
<http://www.ebay.ca/itm/ws/eBayISAPI.dll?ViewItem&item=321094913378>
&item=321094913378

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, December 17, 2016 1:24 PM
To: AWAGroup
Subject: [AWA Group] Does anyone have?

Need two of these REL coil clips. Please look in your junk boxes. With them
I can proceed with project.

TKS, Lou

_____

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www.avast.com <https://www.avast.com/antivirus>

14702. Re: [AWA Group] KP, TNTs es James [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-17 19:24:28 UTC
From: James Sweeden
Topic: 14698 Message: 14702

Hi. Had another option for an RF choke so gave it a try but it made things worse so put the old one back in for now but will look into that more after the BK.

Thank you and 73,

James/KB7LJP

On 17-Dec-16 9:47 AM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:
>
> This may not have any bearing on the problem you describe but I
> would be leery of that tiny pie-wound choke.
> If it is iron/ferrite cored it can and will do strange things. There
> was an article in ER re: the little beasties. If
> memory serves it was written by W7EKB. I am mentioned in the article
> for having a problem with a Q-
> Multiplier I built. I stuck an old-fashioned 2.5 mH choke in the
> circuit and Presto! Chango! it even worked.
>

14703. Re: [AWA Group] KP, TNTs es James

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-17 19:35:29 UTC
From: James Sweeden
Topic: 14698 Message: 14703

I plan to be on when it starts for a couple of hours then again later in the evening. Will also be on at 4 AM tomorrow local time.

On 17-Dec-16 9:03 AM, 'Louis Vermond' ve3awa@... [AWAGroup] wrote:
>
>
> PS I did make one BK contact last weekend so all was not lost. There
> are a few VE3s that will be looking for you tonight.
>
>

14704. TEST

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-17 19:46:33 UTC
From: Bill Stewart
Topic: 315 Message: 14704

[Body unavailable in the source archive]

14705. Any BK 160m? Fourth try to post

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-17 19:52:26 UTC
From: Bill Stewart
Topic: 14705 Message: 14705

Tried three times, since 11:30AM to post this.
This is the fourth.......

I just did some listening on a EU WebSDR and the Stew Perry contest is going strong over there. Believe it started at 15Z and runs 24hrs. That might wipe out any attempts at 160m BK QSOs this evening, but possibly we might have a chance late (4PM-5PM) Sunday afternoon if any one is interested. I will take a listen about then around 1810kc just in case. If anyone wants to brave the QRM & try it this evening let me know a time frame and freq.

GL & 73 de Bill W2ICE/4 - K4JYS

14706. Any BK 160m?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-17 17:37:13 UTC
From: Bill Stewart
Topic: 14706 Message: 14706

I orig. sent this over an hr. ago??
Here's the second try....
----- Original Message -----

From: "Bill Stewart" <cwopr@...>
To: "AWA Group" <AWAGroup@yahoogroups.com>
Sent: Saturday, December 17, 2016 11:22:37 AM
Subject: Any BK 160m?

I just did some listening on a EU WebSDR and the Stew Perry contest is going strong over there. Believe it started at 15Z and runs 24hrs. That might wipe out any attempts at 160m BK QSOs this evening, but possibly we might have a chance late (4PM-5PM) Sunday afternoon if any one is interested. I will take a listen about then around 1810kc just in case. If anyone wants to brave the QRM & try it this evening let me know a time frame and freq.

GL & 73 de Bill W2ICE/4 - K4JYS

14707. Re: Any BK 160m?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-17 19:45:37 UTC
From: Bill Stewart
Topic: 14706 Message: 14707

Third and final try.....2:44pm 12/17/16

----- Original Message -----

From: "Bill Stewart" <cwopr@...>
To: "AWA Group" <AWAGroup@yahoogroups.com>
Sent: Saturday, December 17, 2016 12:37:13 PM
Subject: Any BK 160m?

I orig. sent this over an hr. ago??
Here's the second try....
----- Original Message -----

From: "Bill Stewart" <cwopr@...>
To: "AWA Group" <AWAGroup@yahoogroups.com>
Sent: Saturday, December 17, 2016 11:22:37 AM
Subject: Any BK 160m?

I just did some listening on a EU WebSDR and the Stew Perry contest is going
strong over there. Believe it started at 15Z and runs 24hrs. That might wipe
out any attempts at 160m BK QSOs this evening, but possibly we might have
a chance late (4PM-5PM) Sunday afternoon if any one is interested. I will take
a listen about then around 1810kc just in case. If anyone wants to brave the QRM
& try it this evening let me know a time frame and freq.

GL & 73 de Bill W2ICE/4 - K4JYS

14708. Re: Any BK 160m?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-17 20:06:25 UTC
From: lade@...
Topic: 14706 Message: 14708

Bill,

How about 11PM CST on 1.810 ? (Also open to your ideas)i

de KB0MM Burt

14709. Re: [AWA Group] Re: Any BK 160m?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-17 20:12:16 UTC
From: Bill Stewart
Topic: 14706 Message: 14709

Can give it a try, Burt. I am expecting QRM from the SP contest
but never know.....that would be 12Midnite EST here (NC), right.....Bill
.

----- Original Message -----

From: "lade@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Saturday, December 17, 2016 3:06:25 PM
Subject: [AWA Group] Re: Any BK 160m?

Bill,

How about 11PM CST on 1.810 ? (Also open to your ideas)i

de KB0MM Burt

14710. Re: [AWA Group] Re: Any BK 160m?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-17 20:16:37 UTC
From: burt
Topic: 14706 Message: 14710

Bill,

Yes, that would be midnight your time in the middle of the Stew Perry
soup!

Thanks, Bill. I will be calling and listening then.

73, Burt KB0MM

On Sat, 2016-12-17 at 15:12 -0500, Bill Stewart cwopr@...
[AWAGroup] wrote:
>
> Can give it a try, Burt. I am expecting QRM from the SP contest
> but never know.....that would be 12Midnite EST here (NC),
> right.....Bill
> .
>
>
> _____
> From: "lade@... [AWAGroup]" <AWAGroup@yahoogroups.com>
> To: AWAGroup@yahoogroups.com
> Sent: Saturday, December 17, 2016 3:06:25 PM
> Subject: [AWA Group] Re: Any BK 160m?
>
>
> Bill,
>
> How about 11PM CST on 1.810 ? (Also open to your ideas)i
>
> de KB0MM Burt
>
>
>
>
>
>
>

14711. Re: [AWA Group] Re: Any BK 160m?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-17 20:19:31 UTC
From: Eric NO3M
Topic: 14706 Message: 14711

The serious ops will stay at 1810 and above... EU and most other DX
can't legally operate below 1810. You will find more casual operators
below 1810, but many of them will go QRT at 11PM or midnight EST. Your
best chance is to stay *below* 1810 and try late, ie. after 11 PM or
12AM tonight or near the end of the BK tomorrow. Tomorrow morning will
be busy also, guys will be above 1810 trying for JA with the more casual
guys below 1810 again.

GL BK... I'll be tapped out until the SP is over.

73 Eric NO3M

On 12/17/2016 03:12 PM, Bill Stewart cwopr@... [AWAGroup] wrote:
> Can give it a try, Burt. I am expecting QRM from the SP contest
> but never know.....that would be 12Midnite EST here (NC), right.....Bill

14712. BK part deux at K0SM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-17 20:39:24 UTC
From: aflowers@frontiernet.net
Topic: 14712 Message: 14712
Attachments: 1 described; binary payloads are missing from this source WARC

I made a 80m tank coil (attached) this afternoon and I should be able to achieve "QRO" after midnight on that band. I'm seeing close to 50% power efficiency on 80m and a really nice tone without much if any chirp--very MOPA-like with the light wind we have for now. Hopefully it stays that way. I also found that I can just tap down the coil the "old fashioned way" and it works almost as well on 40m.
See you in a bit!
Andy K0SM/2

14713. Any BK 160m?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-17 16:22:37 UTC
From: Bill Stewart
Topic: 14706 Message: 14713

I just did some listening on a EU WebSDR and the Stew Perry contest is going strong over there. Believe it started at 15Z and runs 24hrs. That might wipe out any attempts at 160m BK QSOs this evening, but possibly we might have a chance late (4PM-5PM) Sunday afternoon if any one is interested. I will take a listen about then around 1810kc just in case. If anyone wants to brave the QRM & try it this evening let me know a time frame and freq.

GL & 73 de Bill W2ICE/4 - K4JYS

14714. RE: [AWA Group] BK part deux at K0SM [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-17 21:32:54 UTC
From: Carl Nord
Topic: 14712 Message: 14714

Very nice!

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Saturday, December 17, 2016 3:39 PM
To: AWAGroup
Subject: [AWA Group] BK part deux at K0SM [1 Attachment]

I made a 80m tank coil (attached) this afternoon and I should be able to achieve "QRO" after midnight on that band. I'm seeing close to 50% power efficiency on 80m and a really nice tone without much if any chirp--very MOPA-like with the light wind we have for now. Hopefully it stays that way. I also found that I can just tap down the coil the "old fashioned way" and it works almost as well on 40m.

See you in a bit!

Andy K0SM/2

14715. Re: [AWA Group] Re: Any BK 160m?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-17 21:43:05 UTC
From: Bill Stewart
Topic: 14706 Message: 14715

Tnx Eric for the info.
Then I will be down around 1805 +/- for tonight 12 mid nite est.
Tomorrow, will try 4:30PM (a bit early perhaps) and at 5PM (almost
dark here by then) around 1810kc. Will also make some calls between those times
depending on business on other bands.
GL de Bill W2ICE/4 - K4JYS

----- Original Message -----

From: "Eric NO3M no3m@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Saturday, December 17, 2016 3:19:31 PM
Subject: Re: [AWA Group] Re: Any BK 160m?

The serious ops will stay at 1810 and above... EU and most other DX can't legally operate below 1810. You will find more casual operators below 1810, but many of them will go QRT at 11PM or midnight EST. Your best chance is to stay *below* 1810 and try late, ie. after 11 PM or 12AM tonight or near the end of the BK tomorrow. Tomorrow morning will be busy also, guys will be above 1810 trying for JA with the more casual guys below 1810 again.

GL BK... I'll be tapped out until the SP is over.

73 Eric NO3M

On 12/17/2016 03:12 PM, Bill Stewart cwopr@... [AWAGroup] wrote:

Can give it a try, Burt. I am expecting QRM from the SP contest
but never know.....that would be 12Midnite EST here (NC), right.....Bill

14716. WTB B&W Plug In Coil

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-17 22:23:41 UTC
From: Mike Bracey
Topic: 14712 Message: 14716

I would like to purchase a B&W plug in coil. I need a 15 MEL coil to finish my transmitter project.

73,
Mike BraceyKE5YTV

14717. RE: [AWA Group] Does anyone have?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-17 22:32:48 UTC
From: Mike Feher
Topic: 14700 Message: 14717
Attachments: 1 described; binary payloads are missing from this source WARC

Lou -

They open wide enough. However, depending on width you may need a longer screw than what comes with them. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: Louis Vermond [mailto:ve3awa@...]
Sent: Saturday, December 17, 2016 4:58 PM
To: Mike FEHER N4FS
Subject: Fw: [AWA Group] Does anyone have?

Thanks Mike,

Possible problem tho. Those e-Bay clips are made for wire where the RELs are for straps. The new clips may not hold the strap well.

Could you send me one of your's for a try?

Lou

I bought a bunch from this guy back in May. 73 - Mike

http://www.ebay.ca/itm/ws/eBayISAPI.dll?ViewItem
<http://www.ebay.ca/itm/ws/eBayISAPI.dll?ViewItem&item=321094913378>
&item=321094913378

_____

<https://www.avast.com/antivirus> Avast logo

This email has been checked for viruses by Avast antivirus software.
www.avast.com <https://www.avast.com/antivirus>

14718. Taking a break

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-18 00:12:39 UTC
From: dulmagedon@...
Topic: 14718 Message: 14718

No joy although I can hear N2BE and W2GMS plainly. I will go back on 80M in a half hour or so. around 3570kcs unless there is a better idea.

donVe3LYX

14719. Taking a break X 2

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-18 02:37:05 UTC
From: Louis Vermond
Topic: 14719 Message: 14719

Hi Don,

My ears hurt so came up for a coffee / ear break.

Been on 80 from 7 on. Condx not the best wid QSB and QRN, but there are a lot of stns working the Kelley.

Worked K4LJH, Charlie. His sig sounded like a wheezy warbling bell. It will be my all time favourite I'm sure! Charlie, pse describe your Hartley. Photos too.

I will go back on 80M in a half hour or so. around 3570kcs unless there is a better idea. I'll look for you, Don.

Back into the breach...

Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14720. Re: [AWA Group] Does anyone have?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-18 04:04:51 UTC
From: Roger Kuchera
Topic: 14700 Message: 14720
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Lou, I have several look-alikes. The difference being, the ones I have only have a single #4-40 screw on the coil endof he clip. The lead end must be soldered. Would used ones be OK?
Roger/K1TG

On Saturday, December 17, 2016 5:32 PM, "'Mike Feher' n4fs@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv5660715815 #yiv5660715815 .yiv5660715815ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv5660715815 div.yiv5660715815ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv5660715815 div.yiv5660715815photo-title a, #yiv5660715815 div.yiv5660715815photo-title a:active, #yiv5660715815 div.yiv5660715815photo-title a:hover, #yiv5660715815 div.yiv5660715815photo-title a:visited {text-decoration:none;}#yiv5660715815 div.yiv5660715815attach-table div.yiv5660715815attach-row {clear:both;}#yiv5660715815 div.yiv5660715815attach-table div.yiv5660715815attach-row div {float:left;}#yiv5660715815 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv5660715815 div.yiv5660715815ygrp-file {width:30px;}#yiv5660715815 div.yiv5660715815attach-table div.yiv5660715815attach-row div div a {text-decoration:none;}#yiv5660715815 div.yiv5660715815attach-table div.yiv5660715815attach-row div div span {font-weight:normal;}#yiv5660715815 div.yiv5660715815ygrp-file-title {font-weight:bold;}#yiv5660715815 --> <!--#yiv5660715815 _filtered #yiv5660715815 {font-family:"Cambria Math";panose-1:2 4 5 3 5 4 6 3 2 4;} _filtered #yiv5660715815 {font-family:Calibri;panose-1:2 15 5 2 2 2 4 3 2 4;} _filtered #yiv5660715815 {font-family:Tahoma;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv5660715815 {font-family:Consolas;panose-1:2 11 6 9 2 2 4 3 2 4;}#yiv5660715815 #yiv5660715815 p.yiv5660715815MsoNormal, #yiv5660715815 li.yiv5660715815MsoNormal, #yiv5660715815 div.yiv5660715815MsoNormal {margin:0in;margin-bottom:.0001pt;font-size:12.0pt;font-family:"Times New Roman", "serif";}#yiv5660715815 a:link, #yiv5660715815 span.yiv5660715815MsoHyperlink {color:blue;text-decoration:underline;}#yiv5660715815 a:visited, #yiv5660715815 span.yiv5660715815MsoHyperlinkFollowed {color:purple;text-decoration:underline;}#yiv5660715815 p {margin-right:0in;margin-left:0in;font-size:12.0pt;font-family:"Times New Roman", "serif";}#yiv5660715815 span.yiv5660715815EmailStyle18 {font-family:"Calibri", "sans-serif";color:#1F497D;}#yiv5660715815 .yiv5660715815MsoChpDefault {font-size:10.0pt;} _filtered #yiv5660715815 {margin:1.0in 1.0in 1.0in 1.0in;}#yiv5660715815 div.yiv5660715815WordSection1 {}-->

Lou – They open wide enough. However, depending on width you may need a longer screw than what comes with them. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731848-245-9115 From: Louis Vermond [mailto:ve3awa@...]
Sent: Saturday, December 17, 2016 4:58 PM
To: Mike FEHER N4FS

Subject: Fw: [AWA Group] Does anyone have? Thanks Mike, Poss! ible problem tho. Those e-Bay clips are made for wire where the RELs are for straps. The new clips may not hold the strap well. Could you send me one of your's for a try? Lou   I bought a bunch from this guy back in May. 73 – Mike
http://www.ebay.ca/itm/ws/eBayISAPI.dll?ViewItem&item=321094913378
| | This email has been checked for viruses by Avast antivirus software.
www.avast.com |

14721. Re: [AWA Group] Taking a break X 2

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-18 04:09:02 UTC
From: aflowers@frontiernet.net
Topic: 14719 Message: 14721

If I were to guess, it sounds like Charlie is keying the PS primary. Whatever it is, it's great!
Andy K0SM/2

On Saturday, December 17, 2016 9:36 PM, "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

☐Hi Don, My ears hurt so came up for a coffee / ear break. Been on 80 from 7 on. Condx not the best wid QSB and QRN, but there are a lot of stns working the Kelley. Worked K4LJH, Charlie. His sig sounded like a wheezy warbling bell. It will be my all time favourite I'm sure! Charlie, pse describe your Hartley. Photos too. I will go back on 80M in a half hour or so. around 3570kcs unless there is a better idea. I'll look for you, Don.
Back into the breach... Lou

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www.avast.com |

14722. Re: Taking a break X 2

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-18 04:14:29 UTC
From: dulmagedon@...
Topic: 14719 Message: 14722

I heard him My favourite too. What a sound! I didnt make a single contact. most stations are just there and not much more. Band was wonderful at 5 AM this morning. Sure is different now!
I was going to stretch past midnite but I think I am whippin a dead horse so am going to quit till morning.
GN donVe3LYX

14723. Does anyone have? Roger & Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-18 04:26:03 UTC
From: Louis Vermond
Topic: 14723 Message: 14723

I have several look-alikes. The difference being, the ones I have only have a single #4-40 screw on the coil end
of he clip. The lead end must be soldered. Would used ones be OK?

Thank you, Roger. Let me see if I can come up with originals first.

Mike, The problem I see is not if they will open enough to accommodate the strap width, but rather, is the wire notch diameter large enough to make a good mechanical connection. Perhaps a bit of rat tail filing would do the trick.

Worked a few very weak stns awhile ago. As we do, I would lean in towards the RX to "copy better". CRASH went a static burst. Ended up on the floor....

Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14724. Re: [AWA Group] Taking a break X 2

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-18 04:33:15 UTC
From: Louis Vermond
Topic: 14719 Message: 14724

de Don... I heard him My favourite too. What a sound!

If I were to guess, it sounds like Charlie is keying the PS primary. Whatever it is, it's great!

Hope he spills the beans here tomorrow.

KK7UV says that he will bo on 80 tonight at 11:30 Eastern. Going back down now. Sure would like to work his REL 215.

Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14725. Re: [AWA Group] Re: Any BK 160m?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-18 05:01:56 UTC
From: Bill Stewart
Topic: 14706 Message: 14725

Sri Burt...wall to wall QRM and some QRN...too thick to try.
Hitting the sack..back in the morning....de Bill W2ICE/4

----- Original Message -----

From: "burt lade@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Saturday, December 17, 2016 3:16:37 PM
Subject: Re: [AWA Group] Re: Any BK 160m?

Bill,

Yes, that would be midnight your time in the middle of the Stew Perry
soup!

Thanks, Bill. I will be calling and listening then.

73, Burt KB0MM

On Sat, 2016-12-17 at 15:12 -0500, Bill Stewart cwopr@...
[AWAGroup] wrote:
>
> Can give it a try, Burt. I am expecting QRM from the SP contest
> but never know.....that would be 12Midnite EST here (NC),
> right.....Bill
> .
>
>
> _____
> From: "lade@... [AWAGroup]" <AWAGroup@yahoogroups.com>
> To: AWAGroup@yahoogroups.com
> Sent: Saturday, December 17, 2016 3:06:25 PM
> Subject: [AWA Group] Re: Any BK 160m?
>
>
> Bill,
>
> How about 11PM CST on 1.810 ? (Also open to your ideas)i
>
> de KB0MM Burt
>
>
>
>
>
>

14726. On 80M

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-18 05:45:49 UTC
From: Whitebear1122
Topic: 14706 Message: 14726

Went out with my wife and daughter to dinner then to see the musical White Christmas in downtown Saint Paul. What fun.

Got on the air around 11 PM and worked several stations on 80m. 80 is noisy and long. I worked N2BE, VE3AWA, K0SM, W0NYQ, W8AU. The closer stations were the hardest to work.

Temperature outside is -7F right now. Basement shack is nice and toasty. I can hear KB0MM calling AWA faintly with a strong echo on it, hence band is long. I'll call a few more AWA's before calling it a night if no one else is around. Hopefully 40 will be good tomorrow.

73, Scott WA9WFA

14727. Re: On 80M

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-18 10:59:06 UTC
From: dulmagedon@...
Topic: 14706 Message: 14727

Going to try again this morning. Will start on 80M 3570 if itis clear or near as possible. Will use the new hartley. Even though it tested well on air before the BK so far it has failed to produce. I may try the monster hartley before 8 am on 40M on or around 7110 although it has nothing to prove being an old veteran. Should be warmed up and sending by 605am
donVe3LYX

14728. RE: [AWA Group] Re: On 80M

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-18 11:26:53 UTC
From: Paul Christensen
Topic: 14706 Message: 14728

Hear strong sigs from N8YE this morning on 3563. Sure sounds like R.A.C. but not sure – almost spark-like or slight oscillator FM. Shows interesting spectra just a bit wider than pure CW.

Paul, W9AC

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Sunday, December 18, 2016 5:59 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: On 80M

Going to try again this morning. Will start on 80M 3570 if itis clear or near as possible. Will use the new hartley. Even though it tested well on air before the BK so far it has failed to produce. I may try the monster hartley before 8 am on 40M on or around 7110 although it has nothing to prove being an old veteran. Should be warmed up and sending by 605am
donVe3LYX

14729. RE: [AWA Group] Re: On 80M

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-18 12:19:17 UTC
From: dulmagedon@...
Topic: 14706 Message: 14729

I worked him. Whatever he is good operator. He uses a TPTG which is not easy to run. I hve one here and finally put a tune light in it which helped a lot. Anyway i worked him on my new hartley so I am ok. Having a coffee break before venturing back down.
donVe3LYX

14730. Morning successes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-18 13:33:28 UTC
From: dulmagedon@...
Topic: 14730 Message: 14730

Worked several this morning. I am good now. :>) TNX all.
donVe3LYX

14731. Re: [AWA Group] Morning successes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-18 13:54:47 UTC
From: George
Topic: 14730 Message: 14731

Hi Don,
Yes, good to hear you this morning and tnx for the QSO. Good copy down here in windy Pittsburgh this morning, the antenna swing sure adds an extra bit of '29 sound to my Hartley hi hi. Will be on 40m this morning on the TNT hoping to add some to the log.
73, George N3GJ

> On Dec 18, 2016, at 8:33 AM, dulmagedon@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
> Worked several this morning. I am good now. :>) TNX all.
> donVe3LYX
>
>

14732. Re: [AWA Group] Re: Any BK 160m?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-18 14:43:40 UTC
From: lade@...
Topic: 14706 Message: 14732

Bill,

It was a mad house on 160 but called anyway and listened as well.
I will be on 160 1.810 on the last hour of the BK. Maybe we will
make a go of it then.

73 Burt KB0MM

14733. Re: [AWA Group] Re: Any BK 160m?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-18 15:29:16 UTC
From: Bill Stewart
Topic: 14706 Message: 14733

I will be calling and listening Burt...Bill

----- Original Message -----

From: "lade@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Sunday, December 18, 2016 9:43:40 AM
Subject: Re: [AWA Group] Re: Any BK 160m?

Bill,

It was a mad house on 160 but called anyway and listened as well.
I will be on 160 1.810 on the last hour of the BK. Maybe we will
make a go of it then.

73 Burt KB0MM

14734. Charming Signals

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-18 17:02:34 UTC
From: Whitebear1122
Topic: 14706 Message: 14734

One of the many fun things about the BK 29 QSO Party is hearing the sounds from all those 1920's era transmitters. Each has it's own unique "charm". Just now I was musing over which one was my favorite and I came to the conclusion that there is no one favorite, as they are all charming in one way or another. I do love the beautiful sounds of the wind modulated transmitters. I recall one several years ago where the transmitter has a nice stable signal which then the wind was modulating at the OM said it was howling outside. So you could hear the transmit frequency gently rise and fall as the wire antenna gently swung in the wind.

The buzzers are so fun to hear. The worst (or best) was Bob W2ZM when he would run raw AC on the plates of his transmitter. He had a switch that switched between DC and raw AC. Sometimes you'd hear him with a nice tone, other time with the buzz, and then there was the time I heard him with both. He would switch between DC and AC during the report :) Now that was something.

The chirpy chow-pie chow-pit is a favorite as well. Reminiscent of the tales of the banana boat radio operators. When I built my first 29 transmitters back around 2001, I hadn't figured out loading and all the variables contributing to a stable signal. The chirp was so bad that the guy that dared coming back to my CQ, called me on the phone because he wanted me to hear it :) He answered the CQ out of sheer curiosity :)

One favorite was an ole friend Don N9OO whose transmitter didn't really have a signal or a tone, a spot on a frequency, or a buzz, or anything. It sounded more like a "vague presence" on the band :)

Often the stable transmitters have some charm. One of my earlier transmitters was very stable and had a bell tone to it due to keying or it's unique form of chirp.

The occasional transmitters that swish back and forth over several kHz are challenges to copy :)

So anyway, just musing over the charming sounds of the 1929 transmitters.

73, Scott WA9WFA

14735. Re: [AWA Group] Does anyone have? Roger & Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-18 17:48:02 UTC
From: Roger Kuchera
Topic: 14723 Message: 14735

Just let me know.
Roger/K1TG

On Saturday, December 17, 2016 11:25 PM, "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv9689692273 #yiv9689692273 .yiv9689692273ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv9689692273 div.yiv9689692273ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv9689692273 div.yiv9689692273photo-title a, #yiv9689692273 div.yiv9689692273photo-title a:active, #yiv9689692273 div.yiv9689692273photo-title a:hover, #yiv9689692273 div.yiv9689692273photo-title a:visited {text-decoration:none;}#yiv9689692273 div.yiv9689692273attach-table div.yiv9689692273attach-row {clear:both;}#yiv9689692273 div.yiv9689692273attach-table div.yiv9689692273attach-row div {float:left;}#yiv9689692273 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv9689692273 div.yiv9689692273ygrp-file {width:30px;}#yiv9689692273 div.yiv9689692273attach-table div.yiv9689692273attach-row div div a {text-decoration:none;}#yiv9689692273 div.yiv9689692273attach-table div.yiv9689692273attach-row div div span {font-weight:normal;}#yiv9689692273 div.yiv9689692273ygrp-file-title {font-weight:bold;}#yiv9689692273 --> ☐

I have several look-alikes. The difference being, the ones I have only have a single #4-40 screw on the coil endof he clip. The lead end must be soldered. Would used ones be OK? Thank you, Roger. Let me see if I can come up with originals first. Mike, The problem I see is not if they will open enough to accommodate the strap width, but rather, is the wire notch diameter large enough to make a good mechanical connection. Perhaps a bit of rat tail filing would do the trick. Worked a few very weak stns awhile ago. As we do, I would lean in towards the RX to "copy better". CRASH went a static burst. Ended up on the floor.... Lou

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www.avast.com |

14736. Re: [AWA Group] Does anyone have? Roger & Mike

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-18 17:55:55 UTC
From: Roger Kuchera
Topic: 14723 Message: 14736

BTW: Lou, Some of them open up to about 3/8" but the grip must be poor at that spread. The older (used) onesare rather thick.R.

On Sunday, December 18, 2016 12:48 PM, "Roger Kuchera rwkuchera@snet.net [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv7428740130 #yiv7428740130 -- #yiv7428740130 .yiv7428740130ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv7428740130 div.yiv7428740130ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv7428740130 div.yiv7428740130photo-title a, #yiv7428740130 div.yiv7428740130photo-title a:active, #yiv7428740130 div.yiv7428740130photo-title a:hover, #yiv7428740130 div.yiv7428740130photo-title a:visited {text-decoration:none;}#yiv7428740130 div.yiv7428740130attach-table div.yiv7428740130attach-row {clear:both;}#yiv7428740130 div.yiv7428740130attach-table div.yiv7428740130attach-row div {float:left;}#yiv7428740130 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv7428740130 div.yiv7428740130ygrp-file {width:30px;}#yiv7428740130 div.yiv7428740130attach-table div.yiv7428740130attach-row div div a {text-decoration:none;}#yiv7428740130 div.yiv7428740130attach-table div.yiv7428740130attach-row div div span {font-weight:normal;}#yiv7428740130 div.yiv7428740130ygrp-file-title {font-weight:bold;}#yiv7428740130 #yiv7428740130

Just let me know.
Roger/K1TG

On Saturday, December 17, 2016 11:25 PM, "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv7428740130 #yiv7428740130 -- .yiv7428740130ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv7428740130 div.yiv7428740130ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv7428740130 div.yiv7428740130photo-title a, #yiv7428740130 div.yiv7428740130photo-title a:active, #yiv7428740130 div.yiv7428740130photo-title a:hover, #yiv7428740130 div.yiv7428740130photo-title a:visited {text-decoration:none;}#yiv7428740130 div.yiv7428740130attach-table div.yiv7428740130attach-row {clear:both;}#yiv7428740130 div.yiv7428740130attach-table div.yiv7428740130attach-row div {float:left;}#yiv7428740130 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv7428740130 div.yiv7428740130ygrp-file {width:30px;}#yiv7428740130 div.yiv7428740130attach-table div.yiv7428740130attach-row div div a {text-decoration:none;}#yiv7428740130 div.yiv7428740130attach-table div.yiv7428740130attach-row div div span {font-weight:normal;}#yiv7428740130 div.yiv7428740130ygrp-file-title {font-weight:bold;}#yiv7428740130 ☐

I have several look-alikes. The difference being, the ones I have only have a single #4-40 screw on the coil endof he clip. The lead end must be soldered. Would used ones be OK? Thank you, Roger. Let me see if I can come up with originals first. Mike, The problem I see is not if they will open enough to accommodate the strap width, but rather, is the wire notch diameter large enough to make a good mechanical connection. Perhaps a bit of rat tail filing would do the trick. Worked a few very weak stns awhile ago. As we do, I would

lean in towards the RX to "copy better". CRASH went a static burst. Ended up on the floor.... Lou

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14737. W2ICE/4

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-18 18:21:20 UTC
From: Steve
Topic: 14706 Message: 14737

Heard on 80m here with a nice signal when I took a short look-see in the middle of the 160m contest...few others heard however. Suspect the band was long once again...as we have been saying for the past few years, hopefully things will be back to normal next year!

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

14738. Re: [AWA Group] Re: Any BK 160m?

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-18 22:24:11 UTC
From: Eric NO3M
Topic: 14706 Message: 14738

Hear you... keep going! getting mopa hooked up

On 12/18/2016 09:43 AM, lade@... [AWAGroup] wrote:
>
> Bill,
>
> It was a mad house on 160 but called anyway and listened as well.
> I will be on 160 1.810 on the last hour of the BK. Maybe we will
> make a go of it then.
>
> 73 Burt KB0MM
>
>

14739. Re: [AWA Group] W2ICE/4

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-18 21:34:47 UTC
From: Bill Stewart
Topic: 14706 Message: 14739

Tnx Steve for the report....Bill

----- Original Message -----

From: "'Steve' ve7sl@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Sunday, December 18, 2016 1:21:20 PM
Subject: [AWA Group] W2ICE/4

Heard on 80m here with a nice signal when I took a short look-see in the middle of the 160m contest...few others heard however. Suspect the band was long once again...as we have been saying for the past few years, hopefully things will be back to normal next year!

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

14740. Hammarlund TX Item WTB/WTT PN PL26860-G1, G2 160M installation kit:

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-18 23:21:07 UTC
From: N3IBX
Topic: 14740 Message: 14740

Hello All,
I know this is a longshot, but thought I'd give it a try just the same. I'm after the optional 160M installation kit for the Hammarlund model HX50 or HX50-A transmitters, Hammarlund part number PL26860-G1 or PL26860-G2. This kit would be used to add 160M to said transmitter.

If anyone has one of these kits for sale,trade or barter, I'd very much like to hear from you. My email address is: n3ibx@.... Thanks for reading this post and very best regards.
Joe Cro N3IBX

14741. New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-19 02:24:59 UTC
From: Louis Vermond
Topic: 7747 Message: 14741

Hi, I've been an AWA member for a number of years, and am active on the on-air events...
73, Dave WB9WHG

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14742. Peter Howard

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-19 03:38:34 UTC
From: Mike Feher
Topic: 14742 Message: 14742

Please welcome Peter to the group. While he did not provide his call, I am sure he will shortly. He sent the following as an introduction:

"I signed up to receive posts since iast summer. I was on the air this weekend with a 29 TNT for the BK. I am an AWA member - and would like permission to post/reply to topics - Thanks"

73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

14743. 6550 or KT88 transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-19 12:07:12 UTC
From: dulmagedon@...
Topic: 14743 Message: 14743

I have long been a fan of the 6l6tube and its variants. One that has intigued me is the KT88 which Iunderstand is the Euro designation for a 6550 more or less. my tube supplier has them currently at less then I pay for a good 6l6 so I ordered a 6550EH. I want to build a tx for the Linc Cundal event. The 10 watt power level limit is hard on us who live in an unpopulated area CW ham ops wise. With the Linc at least we have the option of running more power.
20 watts would give those who live in more ham density no particular advantage but the rest of us a fighting chance especially in off conditions which seem to be often the case for the BK. Andy is my closest station I think, then Lou. After that it is hundreds of miles. 250 to 400+

Anyway I am looking to build a fairly powerful one tuber. (at least 600 volts on the plate)Probably crystal controlled and want to also explore PA coil size effects. Mostly out of curiosity. Anyone used a 6550 or KT88in a TX already?
BTW also intend to put the 25l6 longfellow and 6aq5 pigmy thru their paces in the Linc event

donVe3LYX

14744. Re: [AWA Group] 6550 or KT88 transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-19 14:00:14 UTC
From: N3IBX
Topic: 14743 Message: 14744

Hello Don,
? ? ? ? ? ? ? ?Congrads on scoring a 6550EH! Out of curiousosity is it of the Chinese "Electro Harmonix" flavour? If so, then they are fine tubes. You'll be very happy with it. A pair of 6550's in what I believe to be AB1 linear service, made 100W output in the Central Electronics models 100V and 200V transmitters. With 600VDC or even less on the plates, I don't think you'll be disappointed with it. They make lots of power and are even FBOM in audio service as good modulator tubes. I've swapped out the original 1614 tubes in the modulator of my EF Johnson "Ranger" with a pair and they easily outperformed them.?

The best of luck with your 6550EH, and please let us know how it works out in your transmitter.?

BTW, I've purchased a pair of Chinese "Shuguang" KT66's for use in my "Heathkit-Williamson" W5M audio amp and they worked out quite well. IMHO the Chinese tubes of recent manufacture are just about as good as anything else, and they cost quite a bit less when buying them new over comparable American or European tubes.?

Mod-U-Later,
Joe Cro N3IBX

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?
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On 12/19/16, dulmagedon@... [AWAGroup] wrote:
?
?

I have long been a fan of the 6l6tube and its variants. One that has intigued me is the KT88 which Iunderstand is the Euro designation for a 6550 more or less. my tube supplier has them currently at less then I pay for a good 6l6 so I ordered a 6550EH. I want to build a tx for the Linc Cundal event. The 10 watt power level limit is hard on us who live in an unpopulated area CW ham ops wise. With the Linc at least we have the option of running more power.
20 watts would give those who live in more ham density no particular advantage but the rest of us a fighting chance especially in off conditions which seem to be often the case for the BK. Andy is my closest station I think, then Lou. After that it is hundreds of miles. 250 to 400+
Anyway I am looking to build a fairly powerful one tuber. (at least 600 volts on the plate)Probably crystal controlled and want to also explore PA coil size effects. Mostly out of curiosity. Anyone used a 6550 or KT88in a TX already?
BTW also intend to put the 25l6 longfellow and 6aq5 pigmy thru their paces in the Linc event
donVe3LYX

14745. 2016 BK Wrap-up de W2ICE/4

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-19 14:56:39 UTC
From: Bill Stewart
Topic: 14745 Message: 14745

GM All,
Another BK goes into the history book. First, a thanks to AWA for allowing me the honor of using Bruce's call for this years event. It was a lot of fun.

As is the usual case, the second weekend is not quite as active as the first. The first weekend I made 49 contacts...the second weekend only 13. Looking back over last years log (K4JYS) there were about a dozen stations that I didn't hear this year. Seems band condx were a little off too ....never heard more than a peep from western stations....MN was about as far west as I heard/worked. Heard a couple of the MN guys which I could not work. Strangely, late Sunday PM, I could not hear a thing from Ron, N4GJV (also in NC), as he was worked by several stations on 40m. But, on the other hand, sig. rpts for this station were pretty good and stations worked were also pretty good on 40 and 80m. Tnx to Steve, VE7SL, for the 80m report. Also had quite a thrill when DJ5RE called me, on 80m, the first w/e....my first big-pond jumping QSO with a 1920s rig. Only worked three stations on 160....the second night there was the SP contest, and a late effort, this past Sunday PM resulted in nil....had a storm come thru plus some QRM around 1810kc.
So the totals are:
40m - 23
80m - 36
160m - 3
TOTAL: 62

I think Scott, WA9WFA, gave a great narrative on the sounds of 1920s radio. I will just add that K4LJH had the most 'unique' note that I heard plus I did hear N8YE using his buzzer rig....what a great variety of notes...truly the sounds of the '20s. The oldest rigs worked here was a '22 Meissner at WU2D, a '24 Hartley at K0SM and the 160m rig here, a '24 Meissner.

Thanks to all who filled up the log. Already looking forward to next years event. Lou, how many days and counting?

73 de Bill W2ICE/4 - K4JYS

PS: I will be sending a copy of the log to Ed, K2MP, so anyone wishing a W2ICE/4 QSL can send requests to Ed.

14746. test

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-19 15:15:06 UTC
From: Bill Stewart
Topic: 1164 Message: 14746

Slow posting agn...

14747. Re: [AWA Group] 6550 or KT88 transmitter

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-19 16:46:05 UTC
From: dulmagedon@...
Topic: 14743 Message: 14747

Thanks Joe, Good info.
I have been very pleased with Electro Harmonix tubes and in fact my 6l6 of choice is the 6L6EH "tall boy"
my tube supplier Jon at Thetubestore in Hamilton ON has the 6550 on sale for less then 6l6s at the moment. The EH tube was up from the cheapest but they have become one of my preferred brands so I splurged despite my Schwaben heritage. Since I only ordered one he emailed wanting to know what I was up to. said everyone buys a matched pair so my order got his attention. By the way his service is wonderful. Often for me overnite. BTW got a pondhop invite tonite with the Collins. Here's hoping. "Hopping hoping" I guess ;>)
donVe3LYX

14748. Re: Peter Howard - N0GRM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-19 18:26:36 UTC
From: Peter
Topic: 14748 Message: 14748
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks Mike -

Greetings AWA Group - I wanted to share that I've enjoyed the BK banter over the past few weeks - along with a note to thank those who I was able to log during my first BP QSO party. Working when time was available and when the bands permitted I was able to log 15 contacts on 80 meters. My TX is a 29 TNT (two 10 tubes) still on it's original bread board. Now that the event is past I can tear it down and mount it on a permanent board, already sanded and oiled.

Here's a shot of it all hay-wired up - Note that the key shown is only for tuning and development. I used a J38 next to my Collins 32S-3 receiver.

Image may contain: table and food

I look forward to future projects as well as banter from the group.

Background:
Short version, I got my ticket in 1985 - mostly work CW on my 32S-3 / 75S-3 - belong to several clubs, serving as president and directory for the SARA club here in Stillwater.

A more complete BIO can be found here http://qrz.com/db/N0GRM

73 to all - and thanks again,
Peter N0GRM

14749. Peter Howard - N0GRM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-19 21:50:43 UTC
From: Louis Vermond
Topic: 14748 Message: 14749
Attachments: 1 described; binary payloads are missing from this source WARC

Greetings AWA Group - I wanted to share that I've enjoyed the BK banter over the past few weeks - along with a note to thank those who I was able to log during my first BP QSO party. Working when time was available and when the bands permitted I was able to log 15 contacts on 80 meters. My TX is a 29 TNT (two 10 tubes) still on it's original bread board. Now that the event is past I can tear it down and mount it on a permanent board, already sanded and oiled.

Hello Peter and thank you for joining AWAGroup.

Looking forward to photos of the final version.

73, Lou
VE3AWA

There is something so right about all this...

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https://www.avast.com/antivirus

14750. Re: [AWA Group] New Member

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-19 21:50:17 UTC
From: Roger Kuchera
Topic: 7747 Message: 14750

Howdy Dave and welcome aboard!!
Roger/K1TG

On Sunday, December 18, 2016 9:24 PM, "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv3296674288 #yiv3296674288 .yiv3296674288ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv3296674288 div.yiv3296674288ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv3296674288 div.yiv3296674288photo-title a, #yiv3296674288 div.yiv3296674288photo-title a:active, #yiv3296674288 div.yiv3296674288photo-title a:hover, #yiv3296674288 div.yiv3296674288photo-title a:visited {text-decoration:none;}#yiv3296674288 div.yiv3296674288attach-table div.yiv3296674288attach-row {clear:both;}#yiv3296674288 div.yiv3296674288attach-table div.yiv3296674288attach-row div {float:left;}#yiv3296674288 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv3296674288 div.yiv3296674288ygrp-file {width:30px;}#yiv3296674288 div.yiv3296674288attach-table div.yiv3296674288attach-row div div a {text-decoration:none;}#yiv3296674288 div.yiv3296674288attach-table div.yiv3296674288attach-row div div span {font-weight:normal;}#yiv3296674288 div.yiv3296674288ygrp-file-title {font-weight:bold;}#yiv3296674288 -->

Hi, I've been an AWA member for a number of years, and am active on the on-air events...
73, Dave WB9WHG

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14751. Re: [AWA Group] Peter Howard - N0GRM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-19 22:03:36 UTC
From: aflowers@frontiernet.net
Topic: 14748 Message: 14751
Attachments: 1 described; binary payloads are missing from this source WARC

Peter,
Very nice!
I listened to the recording of the QSO with KB0MM on your QRZ link. It has a great sound....surely you didn't have the key attached to the breadboard for that, did you?
Andy K0SM/2

On Monday, December 19, 2016 4:50 PM, "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

☐ Greetings AWA Group - I wanted to share that I've enjoyed the BK banter over the past few weeks - along with a note to thank those who I was able to log during my first BP QSO party. Working when time was available and when the bands permitted I was able to log 15 contacts on 80 meters. My TX is a 29 TNT (two 10 tubes) still on it's original bread board. Now that the event is past I can tear it down and mount it on a permanent board, already sanded and oiled. Hello Peter and thank you for joining AWAGroup. Looking forward to photos of the final version. 73, LouVE3AWA There is something so right about all this...

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14752. Re: [AWA Group] 2016 BK Wrap-up de W2ICE/4

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-20 01:06:12 UTC
From: Whitebear1122
Topic: 14745 Message: 14752

I need to give a big shout out for Bill K4JYS for operating as W2ICE/4 this year. Bill won the BK 29 last year and was given the opportunity to run the Bruce Kelley special event station this year. Thanks Bill for working the special event station and working so many stations! Your QSO total of 62 is outstanding and puts Bruce’s call in a lot of our log books.

I was pleased to be your first QSO in the event, and I heard you often on 40m and 80m all hours of the night.

Thanks again! 73, Scott WA9WFA

14753. WA9WFA Wrap Up Comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-20 02:55:35 UTC
From: Whitebear1122
Topic: 14745 Message: 14753

A challenging 29 event for me this year. I missed most of both Saturday nights this year for the first time ever due to scheduling conflicts. The first Saturday night I got on for about 1/2 hour at the start, and then again at 11 PM. The second weekend I only got on after 11 PM. So that kept me away from the prime time Saturday night 80 meters. I was hoping for more late night activity but it was pretty quiet. I'll admit too I couldn't drag my butt out of bed at 5 AM to work 80m when it's good :)

Propagation was terrible for me in general. The band seemed to be either shot or long. I only worked some 3 MN stations where as I usually work 10-12. Never heard my ole buddy Harold KB0ROB and I usually hear him all the time.

I was pleased to work W2ICE/4 both on 40m and 80m. What a treat! It looks like Bill worked 3 stations on 160m. Did anyone get a clean sweep of 40m, 80m, 160m with W2ICE/4? What about W2AN ? Did anyone work the AWA flagship station W2AN? I don't know if they were on the air.

My ole1928 Colpitts (pair of 210's in push-pull) was a charmer on 80m and a bit squirrelly on 40m. Not as jumpy on 40m as last year. I have a couple pictures of it up on my QRZ.COM <http://qrz.com/> page.

So in spite of my situation, I had a ball making the 20 QSO's that I made! 1929 is so fun!

Our thanks to Bill K4JYS in North Carolina for running the Bruce Kelley W2ICE/4 special event station this year. Great job Bill! Who ever wins the 29 this year will be extended an invitation :)

It was great working everyone I worked, and I am disappointed that I missed working those that I missed. It's like running into old friends on at the air each year.

73, Scott WA9WFA

14754. Re: WA9WFA Wrap Up Comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-20 12:12:29 UTC
From: dulmagedon@...
Topic: 14745 Message: 14754

It was a tough year for me too. Also scheduling difficulties but I did get in late the first Sat and all the second (due to freezing rain which nixed my fiddle work.) The first weekend I had real good success with the German dreipunkt set which is essentially a Hartley. In fact there is only one small thing I would change and will this morning so it is done for next year. It is a very cool running tube but makes decent power. All my 80M work the first Sat was with it. I had the old 40M TNT (the one I sometimes use on phone as well) on later Sat and logged a few but most seemed to have gone to bed. The second weekend my goal was to log a few with my new Hartley and I did. After that I was content and didn't push too hard. I really missed N1BUG as he could always find me. A very skilled operator, in my book. And also missed Larry and Lou which is unusual. They were usually almost a given. Haven't done my official log and other then making sure they know I was interested there is little point. Still it was fun. Several I could hear banging away. Some never stopped to listen more then about 3 seconds so probably spent the whole weekend calling with little success. Some of them I know from my AM adventures and it was nice to hear them on CW but I was unable to ring their bell from here. Getting ready for the Linc C
donVe3LYX

14755. Re: [AWA Group] Re: WA9WFA Wrap Up Comments

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-20 13:04:11 UTC
From: Louis Vermond
Topic: 14745 Message: 14755

Getting ready for the Linc C DonVe3LYX

Let's hope for btr condx, Don 73, Lou

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https://www.avast.com/antivirus

14756. Re: [AWA Group] 2016 BK Wrap-up - W8CDX

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-20 14:22:01 UTC
From: Eric NO3M
Topic: 14745 Message: 14756
Attachments: 2 described; binary payloads are missing from this source WARC

Very fun event. I tried jumping in last year using a 40M Hartley built at the last minute (Sunday morning maybe?) after making a non-AWA QSO with Bill, K4JYS, on 160M Saturday night. It didn't work very well, maybe squeaked out 1 or 2 QSOs on 40M with it. I was inspired afterwards to build some 29 gear and looked forward to participating in the 2016 event.

Over the course of the year, I have built numerous breadboard rigs, but for the BK I used a 29 MOPA on 40M that was originally my 2016 FD rig. I removed one buffer (24A) stage which was unnecessary for 40M operation and chopped the breadboard 8 inches shorter. The rig uses a 27 Hartley, 24A buffer, and 865 final. Photo attached. I spent a fair amount of time adjusting the voltage divider feeding the 27 oscillator. The result was a nearly chirpless, steady, DC note, with a slight drift. There were a number of comments on the purity, and even one station that only gave RST after I called him, apparently thinking I was not in the BK.

I used a different 29 MOPA on 80M the first weekend, running a 45 Hartley and 210 final, little more chirp and perhaps some AC modulation. During the week after the first weekend, I tore that rig apart and re-purposed the output tank coil to use on the 40M MOPA described above. That's what I ran on 80M the second weekend. Interestingly, the 80M note was never as good as the 40M note on that rig, so I'll have to spend some time working that out.

For 160M I used my 28 MOPA (photo attached) running a 210 hartley and 210 final. This is one of my favorite OT rigs. Very clean and steady note.

Lots of fun hearing all the unique signals. Might lash together a 203A Hartley for next year running on low B+. Also thinking about an early MOPA, maybe using 199s, 201s, or a 202 in the final.

23 Qs on 40M, 32 Qs on 80M, 4 Qs on 160M, total Qs 59. Missed much of the second weekend due to operating in the Stew Perry on topband.

Looking forward to the next one.

73 es MX/HNY
Eric NO3M / W8CDX

14757. 2016 BK Trivia

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-20 14:41:28 UTC
From: Bill Stewart
Topic: 14757 Message: 14757

GM All,
Tnx Scott for the comments. Operating W2ICE/4 was surely a high point in
my many years on the air.

Here's a bit of useless information
(You can tell ain't much going on here this morning).
73 de Bill K4JYS

A break-down of rigs worked here:
(Incl. W2ICE/4)
Hartley - 20
TPTG - 5
Colpitts - 1
TNT - 6
MOPA - 6
Meissner - 2

Break-down by input power:
10w - 18 20w - 1
9w - 13 18w - 1
8w - 5
7w - 1
6w - 1
5w - 2
4w - 1
3w - 2
(Incl. W2ICE/4)

States/Prov:
NY-7; MN-5;
3 Stns ea: ME; PA
2 Stns ea: WI; MD; OH; NC; VA
1 Stn ea: IL; NJ; MA; KY; CT; VT; WV; NH; DE;
VE3-1
(Incl. W2ICE/4)
Total of 18 States + VE3 worked.

14758. K0SM BK report

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-20 14:59:31 UTC
From: aflowers@frontiernet.net
Topic: 14758 Message: 14758

My first BK is in the books. It's quite a wonderful combination of history, technical engineering, art, and even magic.

It might have been WB2QMY that first told me about the BK a few years ago, but I had never gotten up the energy to actually go and build something. Then about this time last year NW2K and I had just operated some winter contest at a multi-op, and the subject of old radios came up again. Somehow we decided that we would give this BK QSO Party a try, neither of us having any experience with "old" radios. I we both acquired a '27 and a handful of parts. I cobbled together the power supply from some old 50's medical equipment with a 5R4. Strangely, it oscillated on the first try...an amazing thing to me since the newest component was probably Eisenhower-era. I thought it sounded terrible when I connected it to the antenna and squeezed a mighty watt out of the tube on 40m, but VE3AWA managed to convince me over time that it was in fact the proper--if not wonderful--character of a transmitter. Lou was very helpful in suggesting parts and construction methods along the way, and had quite a lot to do with my narrowing in on a "1924" project. What a great time...Long story short, for me the BK was the culmination of about a year's worth of researching and building ham equipment from the ground up and learning a ton along the way. Both W2BSN and K2MP were helpful at the museum by pointing out some actual equipment that could serve as period examples of construction, and also allowing me to use the "big-bottle" tester at the AWA museum.

Anyway, I heard lots of that "character" this weekend, and very rarely did that character actually interfere with a QSO and it never prevented one of mine. I used the K3 almost extensively for receiving--signals weren't loud, and when they were they were pretty packed on 80m. I had a prototype 1924-style regen to go with the UV-202 transmitter for a true 1924 experience, but with a single interstage transformer designed for BC reception it has basically no selectivity. This was likely fine in 1924 when there might have been 5 signals between 80 and 75 meters, but this made it particularly difficult in the crowded CW environment of the BK spanning only 20 KC. (Yes, with my still-somewhat young ears I can pretty much hear the entire BK contest at once if I get the oscillator on 3570 KC or so.) This was a problem in the the 20's too, so I have some things to try from the literature. So there's one of my historical-engineering challenges for next year....

I ran the UV-203A on both 80 and 40m the second weekend, mostly because I found I can make a cleaner, more stable signal on 80 than I could with the with the other transmitter at the input power limit. The only problem I discovered is that it transmitted vibrations much better from the children playing upstairs in the early evening. It made for interesting random wobbulation in the signal when some little feet ran up or down the stairs. I found some bubble wrap and that helped a bit.

In all the second weekend netted me about the same number of QSOs as the first. In all, I think I ended up with 34Q on 80m and 14 on 40m for 48 QSOs total for both weekends. As someone who has quite a bit of experience with modern computerized radio contesting, I think I understand what a "dupe sheet" is for and why someone would use one. My best DX was probably KB0MM (on both bands, too!), which is fine for my cloud-warmers on a suburban lot. I'm pretty time constrained on Sunday, so I'm sure there was more to work on 40m that I just can't be around for.

I'm also pleased to work a clean sweep of the common circuits--at least one of each: HARTLEY, TNT, TPTG, COLPITTS, MOPA, and a MEISSNER...I even worked one "TGTP", which I

assume is operated left handed. I still want to know K4LHJ's keying circuit...
Most of all, this was a lots of fun! So much fun I'll have to try the Linc Cundall event coming up...
Thanks!
Andy K0SM/2

14759. Re: [AWA Group] K0SM BK report

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-20 16:03:36 UTC
From: N3IBX
Topic: 14758 Message: 14759

Andy - This is great. You've been bit by the "Hartley" or self oscillating transmitter bug!

BTW, Lou Vermond, VE3AWA is a terrific Technical Expert,Historian,Archivist,Elmer, and all around good guy to know when building these things!

Joe Cro N3IBX?
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On 12/20/16, 'aflowers@frontiernet.net' aflowers@... [AWAGroup]; wrote:
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My first BK is in the books.? It's quite a wonderful combination of history, technical engineering, art, and even magic.?

It might have been WB2QMY that first told me about the BK a few years?ago, but I had never gotten up the energy to actually go and build something.??Then about this time last year?NW2K and I had just operated some winter contest at a multi-op, and the subject of old radios came up again. Somehow we decided that we would?give this BK QSO?Party?a try, neither?of us having any experience with "old" radios.? I we both acquired a '27 and a handful of parts.??I cobbled together the power supply from some old 50's medical equipment with a 5R4. ? Strangely, it oscillated on the first try...an amazing thing to me since the newest component was probably Eisenhower-era.? I thought it sounded terrible when I connected it to the antenna and squeezed a mighty watt out of the tube on 40m, but VE3AWA managed to convince me over time that?it was in fact the proper--if not wonderful--character?of a transmitter.? Lou was very helpful in suggesting parts and construction methods along the way, and had quite a lot to do with my narrowing in on a "1924" project.? What a great time...Long story short,?for me the BK was the culmination of?about a year's worth of researching and building ham equipment from the ground up and learning a ton along the way.? Both W2BSN and K2MP were helpful at the museum by pointing out some actual equipment that could serve as period examples of construction, and also allowing me to use the "big-bottle" tester at the AWA museum.

Anyway, I heard lots of that "character" this weekend, and very rarely did that character actually interfere with a QSO and it never prevented one of mine.? I used the K3 almost extensively for receiving--signals weren't loud, and when they were?they were pretty packed on 80m.? I had a prototype 1924-style regen to go with the UV-202 transmitter for a true 1924 experience, but with a single?interstage transformer designed for BC reception it has basically no selectivity. This was likely?fine in 1924 when there might have been?5 signals between?80 and 75 meters, but this made it particularly difficult in the crowded CW environment of the BK?spanning only 20 KC.? (Yes, with my still-somewhat young ears I can pretty much?hear the entire BK contest at once?if I get the oscillator on 3570 KC or so.)? This was a problem in the?the 20's?too, so I have some things to try from the literature.??So there's one of my?historical-engineering challenges for next year....

I ran the UV-203A on both 80 and 40m the second weekend, mostly because I found I can make a cleaner, more stable?signal on 80 than I could with the with the other transmitter at the input power limit.? The only problem I discovered is that it transmitted vibrations much better?from the children playing upstairs in the early evening.? It made for interesting random wobbulation in the signal when some little feet ran up or down the stairs.?? I found some bubble?wrap and that?helped a bit. ?

In all the second weekend netted me about the same number of QSOs as the first.? In all, I think I ended up with 34Q on 80m and 14 on 40m for 48 QSOs total for both weekends.? As someone who has quite a bit of experience with modern computerized?radio contesting, I think I understand what a "dupe sheet" is for and why someone would use?one.? My best DX was probably KB0MM (on both bands, too!), which is fine for?my cloud-warmers on a suburban lot.? I'm pretty time constrained on Sunday, so I'm sure there was more to work on 40m that I just can't be around for.

I'm also pleased to work a clean sweep of the common circuits--at least one of each: HARTLEY, TNT, TPTG, COLPITTS, MOPA, and a MEISSNER...I even worked one "TGTP", which I assume is operated left handed. I still want to know K4LHJ's keying circuit...

Most of all, this was a lots of fun!? So much fun I'll have to try the Linc Cundall event coming up...

Thanks!

Andy K0SM/2

14760. Re: [AWA Group] K0SM BK report

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-20 16:08:13 UTC
From: Louis Vermond
Topic: 14758 Message: 14760

Andy - This is great. Agree.

Lou = Technical Expert LOL, Lou

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https://www.avast.com/antivirus

14761. Welcome N0GRM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-20 16:27:27 UTC
From: Bill Stewart
Topic: 14761 Message: 14761

Welcome to the AWA Group, Peter. Sorry we did not work...maybe next
year. Your 'haywire' TNT is a super rig. Its sorta amazing these things can work in such a state. I have a '24 Meissner I use on 160 in the same state as your TNT....has been like that for several years. I'm almost afraid to tare it down since it works so good. I imagine that our 'haywire' rigs follow the same trends as many of the orig. '20s ops...just look at a few of the old pictures. Be careful with your re-build.....it may never sound as good as it does now..Murphy is always lurking.....hi.
73 de Bill K4JYS

14762. Re: [AWA Group] K0SM BK report

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-20 18:59:55 UTC
From: Steve
Topic: 14758 Message: 14762
Attachments: 1 described; binary payloads are missing from this source WARC

Lou = Technical Expert

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

14763. BK Disappointment

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-20 19:11:19 UTC
From: JAMES HANLON
Topic: 14763 Message: 14763

Sadly, I was not able to make a single contact on the BK. I had a lot of Holiday conflicts, but I did get on 40 for about a half hour Sunday morning and again for the last half hour of the contest Sunday Afternoon. There were signals on the band, but no BK stations were heard out here in New Mexico either time, and my calling "AWA" did not raise anyone. Guess I'll put the MOPA back on the shelf for a while.

73,

Jim, W8KGI

14764. Lou = Technical Expert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-20 21:35:08 UTC
From: Louis Vermond
Topic: 14764 Message: 14764
Attachments: 3 described; binary payloads are missing from this source WARC

Yet....

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https://www.avast.com/antivirus

14765. Re: [AWA Group] Lou = Technical Expert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-20 21:48:53 UTC
From: Steve
Topic: 14764 Message: 14765

Just having fun with you old girl....my gosh, that is such a wonderful collection of work....just breathtaking in fact.

You almost need to have it on permanent display somewhere within the house but Nancy might draw the line in the sand? At the very least Lou, I would encourage you to get it all documented on a web site somewhere as it is so inspirational for those wanting to get started in '29 construction....and we can use all the new blood we can get!

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

14766. Re: [AWA Group] Lou = Technical Expert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-20 22:11:14 UTC
From: Larry Szendrei
Topic: 14764 Message: 14766

On 12/20/16 4:48 PM, 'Steve' ve7sl@... [AWAGroup] wrote:
>
> Just having fun with you old girl....my gosh, that is such a wonderful
> collection of work....just breathtaking in fact.
>

Agree, totally.

73,
-Larry/NE1S

14767. Re: [AWA Group] Lou = Technical Expert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-20 22:26:27 UTC
From: Don Dulmage
Topic: 14764 Message: 14767

If it wasn't for Lou I would not be into this nd would not have discovered the wonderful world of pre 29 txs. Now maybe to some that is not a positive thing but to me he has had a significant influence on my hobby and my enjoyment of it. I am grateful.
donVe3LYX

On Tue, 12/20/16, Larry Szendrei ne1s@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Re: [AWA Group] Lou = Technical Expert
To: AWAGroup@yahoogroups.com
Received: Tuesday, December 20, 2016, 5:11 PM

On
12/20/16 4:48 PM, 'Steve'
ve7sl@...
[AWAGroup] wrote:

Just having fun with you old girl....my gosh,
that is
such a wonderful

collection of work....just breathtaking in
fact.

Agree, totally.

73,

-Larry/NE1S

14768. Re: [AWA Group] Lou = Technical Expert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-20 22:54:34 UTC
From: N3IBX
Topic: 14764 Message: 14768

I'm quite impressed! It's not the quantity you have, but the quality in which they are built with. Lou has BOTH!?
Joe N3IBX
?
?
On 12/20/16, 'Louis Vermond' ve3awa@... [AWAGroup]<AWAGroup@yahoogroups.com> wrote:
?
?

□
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Yet....
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(https://www.avast.com/antivirus)

This email has been checked for viruses by Avast antivirus software.
www.avast.com (https://www.avast.com/antivirus)

14769. RE: [AWA Group] BK Disappointment

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-20 23:04:00 UTC
From: Steve Flood
Topic: 14763 Message: 14769

I had the same luck as Jim here in Montana. I was stuck on 80m this year (no other working coil sets yet for the REL TX). I heard a single faint AWA last weekend but it faded away before I could make out a callsign. I got a late start this past Sat. night and heard zilch for AWA, and my calling produced zilch also. The only sigs heard both weekends were a few SKCC/WES, some digital near 3560, and Asian SSB early Sunday mornings.

Steve KK7UV

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https://www.avast.com/antivirus

14770. Re: [AWA Group] Lou = Technical Expert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 00:03:34 UTC
From: William Kirk
Topic: 14764 Message: 14770
Attachments: 3 described; binary payloads are missing from this source WARC

Beautiful display Lou!!! As for me, I worked 3 BK stations. 2 on 40, and 1 on 80. I consider it a success. Much fun was had! Jim kk4gfr

On Tue, Dec 20, 2016 at 3:35 PM, 'Louis Vermond' ve3awa@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

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> *Yet....*
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> ---
> [image: Avast logo] <https://www.avast.com/antivirus>
>
> This email has been checked for viruses by Avast antivirus software.
> www.avast.com <https://www.avast.com/antivirus>
>
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>

14771. Re: [AWA Group] Lou = Technical Expert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 00:03:40 UTC
From: Steve
Topic: 14764 Message: 14771

>If it wasn't for Lou I would not be into this nd would not have discovered
>the wonderful world of pre 29 txs.

It was a similar situation for me as well. Lou came to my rescue when I posted an inquiry about finding ceramic beehives. I suspect Lou has mentored dozens of us over the years as well as extending unconditional generosity to those in need!

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

14772. Re: [AWA Group] Lou = Technical Expert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 00:12:54 UTC
From: N1BUG
Topic: 14764 Message: 14772

> my gosh, that is such a wonderful
> collection of work....just breathtaking in fact.

Agree!!!

> At the very least Lou, I would
> encourage you to get it all documented on a web site somewhere

Yes! Definitely!

And if it weren't for Lou's elmering and generosity I might not be
in this either. Although "in it" may be a stretch in my case, I admit...

73,
Paul (listening on 137 kHz)

14773. Re: [AWA Group] Lou = Technical Expert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 01:29:10 UTC
From: Whitebear1122
Topic: 14764 Message: 14773

Well my guess is that Nancy is off visiting the grandkids for a couple days and Lou became bold and dragged up all his fine equipment and set it out in the living like it’s always been there. He then had to hustle them back downstairs before the Misses got home otherwise it would have been the dog house for him.

Lou brought that long slatboard transmitter to the 2007 AWA Conference so I got to see it up close. He is a master craftsman for sure!

73, Scott WA9WFA

14774. Good news!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 02:34:15 UTC
From: Louis Vermond
Topic: 14774 Message: 14774

AWA Linc Cundall Memorial CW Contest

2017 Contest Details
?Dates: Wed. Jan. 11, 2017 @ 2300 GMT to Thu. Jan. 12, 2017
@2300 GMT
and
Sat. Jan. 14 @ 2300 GMT to Sun. Jan 15 @ 2300 GMT

Bands: 160, 80 and 40 Meters.

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https://www.avast.com/antivirus

14775. Re: [AWA Group] BK Disappointment

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 05:01:05 UTC
From: James Sweeden
Topic: 14763 Message: 14775

I didn't do much better but did work one station, WB2AWQ located in NV. Well technically there was another contact from a non BK station who let me know just how bad my signal was. He was a good op however and had no trouble copying me. I heard other BK stations but was not able to work them as they were too week, there for a second then gone. Thank you to everyone who has given me help with my TNT! I have had a lot of fun building it and learned a little. Looking forward to improving it and learning even more. The pictures posted of your equipment really gets me excited, haven't seen a one I didn't think was just great!

73,

James/KB7LJP

On 20-Dec-16 11:11 AM, JAMES HANLON knjhanlon@... [AWAGroup] wrote:
>
> Sadly, I was not able to make a single contact on the BK. I had a lot
> of Holiday conflicts, but I did get on 40 for about a half hour Sunday
> morning and again for the last half hour of the contest Sunday
> Afternoon. There were signals on the band, but no BK stations were
> heard out here in New Mexico either time, and my calling "AWA" did not
> raise anyone. Guess I'll put the MOPA back on the shelf for a while.
>
>

14776. Re: [AWA Group] Lou = Technical Expert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 12:49:30 UTC
From: dulmagedon@...
Topic: 14764 Message: 14776

So what is happening on 137khz, Paul. I have poked around LF a bit with a SAQ SDR.
donVe3LYX

14777. Re: [AWA Group] BK Disappointment

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 13:00:50 UTC
From: dulmagedon@...
Topic: 14763 Message: 14777

Your post brings up again a problem with the 10 watt rule. For folks who live in "the zone" like W1 W2 calls etc it is fine. But for those of us who live not so close in poor conditions we are at an extreme disadvantage. Allowing 20 watts for all the time would not change anything for those in reasonable reach of each other as they can already communicate much of the time but for those of us who live at a distance and have next to no one in reasonable distance who even owns a CW key let alone a pre 29 rig the extra power would put us on a bit better footing both in whom we could reach and whom we could hear. It would hurt no one and would expand the contests reach. Most of us I think are not in it for winning . Just for the fun. My 2 cents worth on the subject.
donVe3LYX

14778. Re: [AWA Group] BK Disappointment

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 15:21:16 UTC
From: Doug Forbes
Topic: 14763 Message: 14778

This was my experience as well. I got on 40 both weekends and called and called and heard no one. I like Don's idea about more power but I have a feeling for us on the west coast it won't matter that much. When most of the ops in the east are a few hundred miles apart it's obviously much easier. Out here there are only three or four of us and we're hundreds of miles apart.

Doug Forbes WA6VYN

On 12/20/2016 9:01 PM, James Sweeden kb7ljp@... [AWAGroup] wrote:
>
>
> I didn't do much better but did work one station, WB2AWQ located in
> NV. Well technically there was another contact from a non BK station
> who let me know just how bad my signal was. He was a good op however
> and had no trouble copying me. I heard other BK stations but was not
> able to work them as they were too week, there for a second then
> gone. Thank you to everyone who has given me help with my TNT! I
> have had a lot of fun building it and learned a little. Looking
> forward to improving it and learning even more. The pictures posted
> of your equipment really gets me excited, haven't seen a one I didn't
> think was just great!
>
> 73,
>
> James/KB7LJP
>
>
> On 20-Dec-16 11:11 AM, JAMES HANLON knjhanlon@... [AWAGroup] wrote:
>>
>> Sadly, I was not able to make a single contact on the BK. I had a
>> lot of Holiday conflicts, but I did get on 40 for about a half hour
>> Sunday morning and again for the last half hour of the contest Sunday
>> Afternoon. There were signals on the band, but no BK stations were
>> heard out here in New Mexico either time, and my calling "AWA" did
>> not raise anyone. Guess I'll put the MOPA back on the shelf for a
>> while.
>>
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>

14779. Oh gee gosh, fellas...

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 13:35:46 UTC
From: Louis Vermond
Topic: 14779 Message: 14779
Attachments: 4 described; binary payloads are missing from this source WARC

Thank you for the comments...a bit embarrassing...but thank you.

Last Easter we had 19 family members here for dinner. After setting up two of three tables it occurred to me that this was my opportunity to see all the projects on display at once. I gave the men in the family the full tour. A few stayed, most drifted away.

Although I enjoy all aspects of building, I enjoy more seeing what others have accomplished. All the projects posted on the Group have elements of creativity, imagination, good workmanship, individuality and even the artistic.

Please post photos here of your work for all of us to enjoy...and steal ideas from.

73, Lou
VE3AWA
See what I mean!

A few random examples.

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https://www.avast.com/antivirus

14780. Re: [AWA Group] BK Disappointment

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 16:54:57 UTC
From: Larry Szendrei
Topic: 14763 Message: 14780

On 12/21/16 8:00 AM, dulmagedon@... [AWAGroup] wrote:
>
> Your post brings up again a problem with the 10 watt rule. For folks
> who live in "the zone" like W1 W2 calls etc it is fine. But for those
> of us who live not so close in poor conditions we are at an extreme
> disadvantage. Allowing 20 watts for all the time would not change
> anything for those in reasonable reach of each other as they can
> already communicate much of the time but for those of us who live at a
> distance and have next to no one in reasonable distance who even owns
> a CW key let alone a pre 29 rig the extra power would put us on a bit
> better footing both in whom we could reach and whom we could hear. It
> would hurt no one and would expand the contests reach. Most of us I
> think are not in it for winning . Just for the fun. My 2 cents worth
> on the subject.
> donVe3LYX
>

Don, I agree, I'd like to see the power limit for the BK raised to 20 or 25W input. I think the 10W rule was set originally out of concern of not stirring up too much trouble or controversy with the 1929, and earlier sounding, signals. But I don't think a +3db change would make a big difference in that regard.

73,
-Larry/NE1S

14781. Re: [AWA Group] BK Disappointment

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 17:00:25 UTC
From: Bill Stewart
Topic: 14763 Message: 14781

Hi Doug, I, too, wish you guys out west could make it back east more often, at least into the MN bee hive. There's usually a bunch of MN ops on during the BK. I think a higher power would cause problems. I believe one of the reasons for the 10/20 watt rule is to keep our sigs tamed down a bit. I think it is better we keep our 'unique' sounding signals at a low key. Plus, that power level is more '20s like....probably most hams back then used that power level. Can you imagine how many OO reports, cat calls, etc we would get even running 50 watts or so. Plus tubes for that power level are probably being gobbled up, at high prices, by the audio folks. Also, at the present power levels, we are all on about the same level....transmitter wise. A few suggestions: maybe a push to get more BK stations on out west. With a few more stations in the west, you guys might at least have a few more stations to work. How about working on the antenna systems...of course, this depends on how much room you have for wires, etc. Even a real good antenna for 40m would help. Years ago, from here in NC, I made it into W6 (80m) using my lowly TNT at abt 3w input. The antenna then, and still today, is a off center, single wire fed Hertz...a late 1920s antenna and now known as a Windom. I have also been fortunate to work Steve, VE7SL in several BK events...on 80 & 40m. I have used that type antenna for all BKs since around 2001, with good results. In future BK events, maybe more communications on this list would help everyone know when you guys think prop is best for west-to-east QSOs. As far as us easterners are concerned, possibly, we need to stay up later. I usually QRT about 1AM....I could hang a bit longer if I knew you guys were on. Here again, this list would be a good place to let everyone know what bands are working. Oh, when building a BK rig, go for the highest power the rules permit.....10/20 watts. Remember you can run 20w input between 5 & 13Z. There's no getting around it....west-east contacts will be highly dependent on band condx/prop. I have seen the times when, even with the high advantage of being in the east, condx were rotten and QSOs were few and hard to make. I hope you guys will stick it out and keep trying. Please pass along any suggestions you all have that might help get us all more e-w/w-e BK QSOs. GL....73 de Bill K4JYS ----- Original Message ----- From: "Doug Forbes dougforbes@...m [AWAGroup]" To: AWAGroup@yahoogroups.com Sent: Wednesday, December 21, 2016 10:21:16 AM Subject: Re: [AWA Group] BK Disappointment This was my experience as well. I got on 40 both weekends and called and called and heard no one. I like Don's idea about more power but I have a feeling for us on the west coast it won't matter that much. When most of the ops in the east are a few hundred miles apart it's obviously much easier. Out here there are only three or four of us and we're hundreds of miles apart. Doug Forbes WA6VYN On 12/20/2016 9:01 PM, James Sweeden kb7ljp@... [AWAGroup] wrote: I didn't do much better but did work one station, WB2AWQ located in NV. Well technically there was another contact from a non BK station who let me know just how bad my signal was. He was a good op however and had no trouble copying me. I heard other BK stations but was not able to work them as they were too week, there for a second then gone. Thank you to everyone who has given me help with my TNT! I have had a lot of fun building it and learned a little. Looking forward to improving it and learning even more. The pictures posted of your equipment really gets me excited, haven't seen a one I didn't think was just great! 73, James/KB7LJP On 20-Dec-16 11:11 AM, JAMES HANLON knjhanlon@msn.com [AWAGroup] wrote: Sadly, I was not able to make a single contact on the BK. I had a lot of Holiday conflicts, but I did get on 40 for about a half hour Sunday morning and again for the last half hour of the contest Sunday Afternoon. There were signals on the band, but no BK stations were

heard out here in New Mexico either time, and my calling "AWA" did not raise anyone. Guess I'll put the MOPA back on the shelf for a while.

14782. Re: [AWA] Escutcheon needed for Pilot drum dial

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 17:16:59 UTC
From: Larry Szendrei
Topic: 14782 Message: 14782
Attachments: 1 described; binary payloads are missing from this source WARC

Geoff Bourne has identified the dial for which I'm seeking the escutcheon as a Pilot model 1284, and provided a catalog page with a photo. I will attempt to embed the photo in the body of this message, as many may not have the time to open the pdf Geoff had provided as an attachment:

Again, I only require the escutcheon, not the entire assembly. (Please check your junqueboxes!)

Thanks,
-Larry/NE1S

14783. Re: [AWA Group] BK Disappointment

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 17:29:04 UTC
From: dulmagedon@...
Topic: 14763 Message: 14783

"You can run 20w input between 5 & 13Z." Which would be fine if folks would stay up but they don't. How about 15 watts then. or 20 watts after 2100hrs EST. I could have run a KW after midnite and it would have made absolutley no difference. Larry was already in bed I am sure as were many others. Old people don't do well late at night. When I get tired my call sometimes becomes VE3LYS. Doubtful it would be a problem. 50Watts? I wouldn't think that would be good but 20W or 15W?

donVe3LYX

14784. Re: [AWA Group] BK Disappointment

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 17:24:22 UTC
From: mbdittmar@...
Topic: 14763 Message: 14784

I agree with this assessment 100%. The last couple of years I've pretty much "thrown in the towel" on the BK, although I do give it a try. This year was one of the worst. Only a couple super-weak stations heard. Conditions are always "poor" for this contest, it seems. lol. Increasing levels of man-made QRN on the bands make it even that much harder when trying to dig out weak QRP signals (and yes, I've tried all the QRN-lowering things....phased nulling, RX-only loops, etc)....With a typical self-excited oscillator, you might get 30% AT BEST of the input power...so a couple of watts out under BK rules. The 20 W input doesn't help a whole lot either. I don't know, but in years past it seems like BK QSOs were a lot easier to make on the E-W path. I don't think it's just "conditions" as everyone says every year. I think much of it is the increased noise floor on HF for many of us. I could be wrong with this generalization, of course, but it certainly applies in my situation here in suburban Denver. Personally, I think as long as the tubes and designs are from 1929 or earlier, ANY legal input power should be fair game. Times change, QRN increases EVERY YEAR (unless you live on a couple acres) and adaptation to these new realities may be required. Of course, more careful attention to to signal purity may be required with the higher power levels. My friend KD0VBR just built a push-pull Hartley with a couple of 203As (or 211s). 100 watts input, and 30 watts out. The tone is perfect. It can be done. Just my 2 cents 73, Mark AB0CW ----- Original Message ----- From: "Doug Forbes dougforbes@... [AWAGroup]" To: AWAGroup@yahoogroups.com Sent: Wednesday, December 21, 2016 8:21:16 AM Subject: Re: [AWA Group] BK Disappointment This was my experience as well. I got on 40 both weekends and called and called and heard no one. I like Don's idea about more power but I have a feeling for us on the west coast it won't matter that much. When most of the ops in the east are a few hundred miles apart it's obviously much easier. Out here there are only three or four of us and we're hundreds of miles apart. Doug Forbes WA6VYN On 12/20/2016 9:01 PM, James Sweeden kb7ljp@... [AWAGroup] wrote: I didn't do much better but did work one station, WB2AWQ located in NV. Well technically there was another contact from a non BK station who let me know just how bad my signal was. He was a good op however and had no trouble copying me. I heard other BK stations but was not able to work them as they were too week, there for a second then gone. Thank you to everyone who has given me help with my TNT! I have had a lot of fun building it and learned a little. Looking forward to improving it and learning even more. The pictures posted of your equipment really gets me excited, haven't seen a one I didn't think was just great! 73, James/KB7LJP On 20-Dec-16 11:11 AM, JAMES HANLON knjhanlon@... [AWAGroup] wrote:
Sadly, I was not able to make a single contact on the BK. I had a lot of Holiday conflicts, but I did get on 40 for about a half hour Sunday morning and again for the last half hour of the contest Sunday Afternoon. There were signals on the band, but no BK stations were heard out here in New Mexico either time, and my calling "AWA" did not raise anyone. Guess I'll put the MOPA back on the shelf for a while.

14785. 2016 BK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 17:39:31 UTC
From: kk4gfr@...
Topic: 14606 Message: 14785

Hello Everyone, First of all, very nice display of transmitters Lou!! Excellent workmanship! I made 3 contacts, 2 on 40 and 1 on 80. I consider it a success because it was much fun! I have disconnected my Hartley and moved into the 30's with my xtals. Are there any Hartley meets during the year after the BK? 73 Jim kk4gfr

14786. Re: [AWA Group] Good news!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 17:47:18 UTC
From: Roger Kuchera
Topic: 14774 Message: 14786

Hi Lou, Thanks for the LC skinny. I hope to be on. If I get my rock crusher power supply checked out, I might beon with my new 860 final. Hopefully that will put a little fire in the wire. If not, I'll be using the tried and true830B PA stage. The TX is described in the July issue of ER (#326).

Do to a scheduling mix up, I will not be the log collector this year. I am in contact with Tim re: any futurepossibility.

Roger/K1TG

On Tuesday, December 20, 2016 9:33 PM, "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv5051775533 #yiv5051775533 .yiv5051775533ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv5051775533 div.yiv5051775533ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv5051775533 div.yiv5051775533photo-title a, #yiv5051775533 div.yiv5051775533photo-title a:active, #yiv5051775533 div.yiv5051775533photo-title a:hover, #yiv5051775533 div.yiv5051775533photo-title a:visited {text-decoration:none;}#yiv5051775533 div.yiv5051775533attach-table div.yiv5051775533attach-row {clear:both;}#yiv5051775533 div.yiv5051775533attach-table div.yiv5051775533attach-row div {float:left;}#yiv5051775533 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv5051775533 div.yiv5051775533ygrp-file {width:30px;}#yiv5051775533 div.yiv5051775533attach-table div.yiv5051775533attach-row div div a {text-decoration:none;}#yiv5051775533 div.yiv5051775533attach-table div.yiv5051775533attach-row div div span {font-weight:normal;}#yiv5051775533 div.yiv5051775533ygrp-file-title {font-weight:bold;}#yiv5051775533 -->

AWA Linc Cundall Memorial CW Contest

|
2017 Contest Details
☐Dates: Wed. Jan. 11, 2017 @ 2300 GMT to Thu. Jan. 12, 2017
@2300 GMT
and
Sat. Jan. 14 @ 2300 GMT to Sun. Jan 15 @ 2300 GMT

Bands: 160, 80 and 40 Meters. |

| | This email has been checked for viruses by Avast antivirus software.
www.avast.com |

14787. Re: [AWA Group] BK Disappointment

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 18:18:36 UTC
From: Steve
Topic: 14763 Message: 14787

I do agree with many others who would support a power increase. As noise floors rise it has become harder for many guys in the suburbs to hear as they once did. On the other hand, if your noise floors are not over the top, 10W is more than enough to work from coast to coast under normal conditions on the low bands...even on 160...but...

another huge factor...for several years in a row we were blessed with good December conditions and coast-to-coast contacts were not difficult. The past three years have seen rotten rotten conditions, as the solar cycle has wound down (always the most 'radio-disruptive' part of the cycle). This should change, if things get back to normal or unless the sun's new 'normal' is something like what we have been seeing of late.

In reality, late Decemebr is a terrible choice for this activity as the low bands are often stuck in what is known as the 'mid-winter anomaly', a well documented condition that often makes bands like 80 and 40m total useless for normal transcontinental work. A far better time would be in November or in February, where band conditions are often much more favorable and there are fewer conflicts with other contests. Maybe we would have more luck persuading the higher-ups to change the venue dates rather than the power limit?

Steve / ve7sl 73

BTW...my present web site will be closing down as of March 6 as my ISP will no longer be providing webspace for its customers! Over the past few days, I have moved my entire site to here, so you may wish to change your bookmarks or update any links to my site that you have on your own web pages:

http://qsl.net/ve7sl/

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": http://ve7sl.blogspot.ca/

14788. Re: Post Kelley Party Maple Syrup Net Tonight

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 19:06:13 UTC
From: Larry Szendrei
Topic: 14788 Message: 14788

What happened last week? I couldn't find anyone except K1ATR.

14789. Re: [AWA Group] Good news!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 19:14:03 UTC
From: Larry Szendrei
Topic: 14774 Message: 14789

On 12/21/16 12:47 PM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:
> Hi Lou,
> Thanks for the LC skinny. I hope to be on. If I get my rock
> crusher power supply checked out, I might be
> on with my new 860 final. Hopefully that will put a little fire in the
> wire. If not, I'll be using the tried and true
> 830B PA stage. The TX is described in the July issue of ER (#326).
>
>

Roger, I don't get ER anymore but a ham in town gave me 2 issues
recently and that was one of them. I thoroughly enjoyed the article;
good job!

73,
-Larry/NE1S

14790. Re: [AWA Group] BK Disappointment

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 17:14:19 UTC
From: Louis Vermond
Topic: 14763 Message: 14790

Don, I agree, I'd like to see the power limit for the BK raised to 20 or 25W input. I think the 10W rule was set originally out of concern of not stirring up too much trouble or controversy with the 1929, and earlier sounding, signals. But I don't think a +3db change would make a big difference in that regard.

But would have 8Woutput made impossible condx less impossible? In the past the East/West worked at the 10 input.

But I don't think a +3db change would make a big difference in that regard. If I read this correctly, yes it would, unless everyone runs a Hull Hartley. While this would make an Islander happy, it is not likely to happen. From experience, a rig with a good quality signal at 4 Out goes to hell at 8 with the tight loading.

Lou

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https://www.avast.com/antivirus

14791. Re: [AWA Group] BK Disappointment

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 20:12:11 UTC
From: N1BUG
Topic: 14763 Message: 14791

For what it's worth, I agree with Bill's assessment.

Perhaps owing to my above average antennas, whenever I work the BK I get on air and email comments about my rotten signal. Some of them are quite belligerent, telling me to cease and desist "or else". I don't feel a 3 dB power increase (from 10 to 20 watts) will help much with east-west contacts. A larger increase probably would (say 100 watts), but at what cost? I suspect if more people get louder signals there will be more complaints and possibly bad publicity. As it is, for the most part BK stations have a fairly low profile.

The other factor is cost to build rigs. As you go up in power, the cost of appropriate tubes skyrockets. If one wants to build a mostly period correct rig, so do many of the other parts. This tilts the playing field in favor of those with deep pockets. I know, I know, it isn't a contest. But, if you really want it not to be seen as a contest, then perhaps consider not giving a very attractive plaque to the winner. That tends to make some people crazy (including me). Call it an activity night with no award or public score listing for prestige. Publishing a list of calls participating without listing number of contact or score would be good. Actually for me that would make working the BK much more appealing than the current format which by its very nature promotes aggressive competition.

I'm not a regular participant, obviously, so whatever the majority wants. I am just not sure raising power enough to really help is a good thing. I think Bill's suggestions about promoting more activity and improving antennas (where at all possible) are good. Antennas are everything. The ones out west with above average antennas are the ones who make it into my BK log.

73,
Paul N1BUG

On 12/21/2016 12:00 PM, Bill Stewart cwopr@... [AWAGroup] wrote:

Hi Doug,
I, too, wish you guys out west could make it back east more often, at least
into the MN bee hive. There's usually a bunch of MN ops on during the BK.
I think a higher power would cause problems. I believe one of the reasons
for the 10/20 watt rule is to keep our sigs tamed down a bit. I think it is better
we keep our 'unique' sounding signals at a low key. Plus, that power level is
more '20s like....probably most hams back then used that power level. Can you
imagine how many OO reports, cat calls, etc we would get even running
50 watts or so. Plus tubes for that power level are probably being gobbled up,
at high prices, by the audio folks. Also, at the present power levels, we are
all on about the same level....transmitter wise.

A few suggestions: maybe a push to get more BK stations on out west.
With a few more stations in the west, you guys might at least have a few
more stations to work. How about working on the antenna systems...of
course, this depends on how much room you have for wires, etc. Even a
real good antenna for 40m would help. Years ago, from here in NC, I made

it into W6 (80m) using my lowly TNT at abt 3w input. The antenna then, and still today, is a off center, single wire fed Hertz...a late 1920s antenna and now known as a Windom. I have also been fortunate to work Steve, VE7SL in several BK events...on 80 & 40m. I have used that type antenna for all BKs since around 2001, with good results. In future BK events, maybe more communications on this list would help everyone know when you guys think prop is best for west-to-east QSOs. As far as us easterners are concerned, possibly, we need to stay up later. I usually QRT about 1AM....I could hang a bit longer if I knew you guys were on. Here again, this list would be a good place to let everyone know what bands are working. Oh, when building a BK rig, go for the highest power the rules permit.....10/20 watts. Remember you can run 20w input between 5 & 13Z.

There's no getting around it....west-east contacts will be highly dependent on band condx/prop. I have seen the times when, even with the high advantage of being in the east, condx were rotten and QSOs were few and hard to make. I hope you guys will stick it out and keep trying. Please pass along any suggestions you all have that might help get us all more e-w/w-e BK QSOs.

GL....73 de Bill K4JYS

14792. 1/16" "fiber" for spiderweb coil

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 20:18:15 UTC
From: aflowers@frontiernet.net
Topic: 14792 Message: 14792

I'm looking at an article for winding a spiderweb coil. The suggested material is "1/16in fiber", which must be some kind of 1/16" thick sheet that is stiffer than cardboard and can be cut/sawn to make a spiderweb form. What is this stuff and is there a source of material (or dead ringer) in this century?
There is such a thing as "fiberboard" available today but I'm not sure if its the same stuff. The article really heavy cardboard *might* work but fiber would be better...
Thanks!
Andy K0SM/2

14793. Post Kelley Party Maple Syrup Net Tonight es Larry

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 21:33:10 UTC
From: Louis Vermond
Topic: 14793 Message: 14793

I was NC. Called for 15 min.s. ND. Condx rotten. Hope CU tonite. Lou
What happened last week? I couldn't find anyone except K1ATR.

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https://www.avast.com/antivirus

14794. Re: [AWA Group] 1/16" "fiber" for spiderweb coil

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 21:49:59 UTC
From: Louis Vermond
Topic: 14792 Message: 14794

What is this stuff .... Baked linseed oil impregnated compressed cardboard...Guess. Mike wud know.

There is such a thing as "fiberboard" available today but I'm not sure if its the same stuff. https://en.wikipedia.org/wiki/Fiberboard :0(

The article really heavy cardboard *might* work but fiber would be better... Paper tablet backing boiled in paraffin?

Lou

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14795. Re: [AWA Group] 1/16" "fiber" for spiderweb coil

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 21:50:09 UTC
From: Don Dulmage
Topic: 14792 Message: 14795

I used thin plywood from Michaels craft wood bin. Probably period correct. Very thin and very strong compared to cardboard.
donVe3LYX----------
On Wed, 12/21/16, 'aflowers@...' aflowers@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] 1/16" "fiber" for spiderweb coil
To: "AWAGroup" <awagroup@yahoogroups.com>
Received: Wednesday, December 21, 2016, 3:18 PM

I'm looking at an article for winding a spiderweb
coil. The suggested material is "1/16in fiber",
which must be some kind of 1/16" thick sheet that
is stiffer than cardboard and can be cut/sawn to make a
spiderweb form. What is this stuff and is there a source
of material (or dead ringer) in this century?
There
is such a thing as "fiberboard" available today
but I'm not sure if its the same stuff. The article
really heavy cardboard *might* work but fiber would be
better...
Thanks!
Andy
K0SM/2

14796. 2016 BK es Jim kk4gfr

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 22:01:27 UTC
From: Louis Vermond
Topic: 14796 Message: 14796

Hello Everyone, I made 3 contacts, 2 on 40 and 1 on 80. I consider it a success because it was much fun! I have disconnected my Hartley and moved into the 30's with my xtals. Are there any Hartley meets during the year after the BK? 73 Jim kk4gfr

Jim, Only the Cundall and Rollins DX. Lou

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https://www.avast.com/antivirus

14797.] Good news! es Roger/K1TG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 22:04:07 UTC
From: Louis Vermond
Topic: 14797 Message: 14797

Hi Lou,
Thanks for the LC skinny. I hope to be on. If I get my rock crusher power supply checked out, I might be
on with my new 860 final. Hopefully that will put a little fire in the wire. If not, I'll be using the tried and true
830B PA stage.

The TX is described in the July issue of ER (#326). How about scanning the article and post here, Roger?

Lou

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https://www.avast.com/antivirus

14798. Re: [AWA Group] BK Disappointment

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 21:54:22 UTC
From: Bill Stewart
Topic: 14763 Message: 14798

A few comments on Paul's post....de Bill K4JYS:

"whenever I work the BK I get on air and email comments about my rotten signal."
Paul, I have gotten those comments also, altho this year all the OOs and emails will not come to me...hi

---

"I suspect if more people get louder signals there will be more complaints and possibly bad publicity. As it is, for the most part BK stations have a fairly low profile."
Paul's statement is spot-on. Most of us BK'ers are operating well outside of today's 'signal purity standards'. I feel we have been lucky, so far, that the FCC hasn't heard our sigs (hopefully they have more important things to listen to) and sent some of us that BIG OO notice....I usually get a few from the ARRL guys tho. Also many of today's hams only know the 'rice box' sound and can't even give us a correct RST....thus more chances of complaints.

"The other factor is cost to build rigs. As you go up in power, the cost of appropriate tubes skyrockets. If one wants to build a mostly period correct rig, so do many of the other parts."
As it stands now, with our power limits, we can build pretty close to 'period' correct by using fairly inexpensive and available receiver parts. I am not a purest, but building as close to the 1920s time frame is a big part of the fun.

"I know, I know, it isn't a contest........"
"......the current format which by its very nature promotes aggressive competition."
Don't agree with the 'aggressive competition', however I do agree that it is not a normal type of contest....I like to call it an event. If it was a true contest we would be doing the '599-73' (and I'd be doing something else) contacts instead of stopping every-once in a while passing a few comments along. In all the years I have worked the BK, I have NEVER heard, been a victim of or perpetrated aggressive behavior of any kind. I think a better word would be 'exuberant' operating. In fact, I'm exuberant about the whole BK event....not just the operating. For me, it is just plain a lot of fun..... whether I make 20 contacts or more. It's gotta be based on fun, not winning, to stay up late, call and call, etc, try to pull out a wobbling, chirpy signal from the noise and when you do log the station.....well, you have accomplished something many hams know nothing about....what radio was like in the 1920s. Go back and read Scott's (WA9WFA) recent email RE. "Charming Signals".....to me this is one of my main enjoyments of the BK and I hope that never changes.

"I'm not a regular participant,........"
Paul, wish you would consider joining in more often.

----- Original Message -----

From: "N1BUG paul@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, December 21, 2016 3:12:11 PM
Subject: Re: [AWA Group] BK Disappointment

For what it's worth, I agree with Bill's assessment.

Perhaps owing to my above average antennas, whenever I work the BK I get on air and email comments about my rotten signal. Some of them are quite belligerent, telling me to cease and desist "or else". I don't feel a 3 dB power increase (from 10 to 20 watts) will help much with east-west contacts. A larger increase probably would (say 100 watts), but at what cost? I suspect if more people get louder signals there will be more complaints and possibly bad publicity. As it is, for the most part BK stations have a fairly low profile.

The other factor is cost to build rigs. As you go up in power, the cost of appropriate tubes skyrockets. If one wants to build a mostly period correct rig, so do many of the other parts. This tilts the playing field in favor of those with deep pockets. I know, I know, it isn't a contest. But, if you really want it not to be seen as a contest, then perhaps consider not giving a very attractive plaque to the winner. That tends to make some people crazy (including me). Call it an activity night with no award or public score listing for prestige. Publishing a list of calls participating without listing number of contact or score would be good. Actually for me that would make working the BK much more appealing than the current format which by its very nature promotes aggressive competition.

I'm not a regular participant, obviously, so whatever the majority wants. I am just not sure raising power enough to really help is a good thing. I think Bill's suggestions about promoting more activity and improving antennas (where at all possible) are good. Antennas are everything. The ones out west with above average antennas are the ones who make it into my BK log.

73,
Paul N1BUG

On 12/21/2016 12:00 PM, Bill Stewart cwopr@... [AWAGroup] wrote:

Hi Doug,
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A few suggestions: maybe a push to get more BK stations on out west. With a few more stations in the west, you guys might at least have a few more stations to work. How about working on the antenna systems...of course, this depends on how much room you have for wires, etc. Even a

real good antenna for 40m would help. Years ago, from here in NC, I made it into W6 (80m) using my lowly TNT at abt 3w input. The antenna then, and still today, is a off center, single wire fed Hertz...a late 1920s antenna and now known as a Windom. I have also been fortunate to work Steve, VE7SL in several BK events...on 80 & 40m. I have used that type antenna for all BKs since around 2001, with good results. In future BK events, maybe more communications on this list would help everyone know when you guys think prop is best for west-to-east QSOs. As far as us easterners are concerned, possibly, we need to stay up later. I usually QRT about 1AM....I could hang a bit longer if I knew you guys were on. Here again, this list would be a good place to let everyone know what bands are working. Oh, when building a BK rig, go for the highest power the rules permit.....10/20 watts. Remember you can run 20w input between 5 & 13Z.

There's no getting around it....west-east contacts will be highly dependent on band condx/prop. I have seen the times when, even with the high advantage of being in the east, condx were rotten and QSOs were few and hard to make. I hope you guys will stick it out and keep trying. Please pass along any suggestions you all have that might help get us all more e-w/w-e BK QSOs.

GL....73 de Bill K4JYS

14799. Re: [AWA Group] 2016 BK es Jim kk4gfr

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 22:49:37 UTC
From: Larry Szendrei
Topic: 14796 Message: 14799

On 12/21/16 5:01 PM, 'Louis Vermond' ve3awa@... [AWAGroup] wrote:
>
> □
>
> Hello Everyone, I made 3 contacts, 2 on 40 and 1 on 80. I consider it
> a success because it was much fun! I have disconnected my Hartley and
> moved into the 30's with my xtals. Are there any Hartley meets during
> the year after the BK? 73 Jim kk4gfr
>
> Jim, Only the Cundall and Rollins DX. Lou
>
>

Sometimes I make a few QSOs with my '29 rigs for SKN, which is coming
right up.

73,
-Larry/NE1S

14800. Re: [AWA Group] BK Disappointment

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-21 23:06:37 UTC
From: N1BUG
Topic: 14763 Message: 14800

Don't agree with the 'aggressive competition', however I do agree that it is not a normal type of contest....I like to call it an event. If it was a true contest we would be doing the '599-73' (and I'd be doing something else) contacts instead of stopping every-once in a while passing a few comments along. In all the years I have worked the BK, I have NEVER heard, been a victim of or perpetrated aggressive behavior of any kind. I think a better word would be 'exuberant' operating. In fact, I'm exuberant about the whole BK event....not just the operating. For me, it is just plain a lot of fun..... whether I make 20 contacts or more. It's gotta be based on fun, not winning, to stay up late, call and call, etc, try to pull out a wobbling, chirpy signal from the noise and when you do log the station.....well, you have accomplished something many hams know nothing about....what radio was like in the 1920s. Go back and read Scott's (WA9WFA) recent email RE. "Charming Signals".....to me this is one of my main enjoyments of the BK and I hope that never changes.
Oops! Very poor choice of words on my part. I did not mean aggressive in that way. I have never experienced that sort of behavior from any of the '29 guys either! I apologize to the group for my choice of words.

Because my background and primary interests are so very different from most (perhaps all) in this group I don't think I can clarify what I did mean... so I won't try.

73,
Paul

14801. Re: 2016 BK es Jim kk4gfr

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-22 00:30:50 UTC
From: dulmagedon@...
Topic: 14796 Message: 14801

However nothing stops us from having an event or pre29 net. IE Last Sat in every month at 8 PM on 80 or 40M. 30 minutes or perhaps 60. Just for fun with summer off. Find an unused spot and pound away.
donVe3LYX

14802. Re: [AWA Group] BK Disappointment

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-22 00:39:31 UTC
From: dulmagedon@...
Topic: 14763 Message: 14802

Well itis kinda disapointing to here these expressions. Fine to say that when 20 or 30 of you live a hundred to 150 miles from each other. Larry for instance is if memory serves 4I3 form me. Lou about 180. Andy is the closest around 70 to 80miles. not the same from here. And yes I do have an excellant antenna farm. Anyway whatever. I am also in it for the fun so hopefully we will get some decent conditions again like a few years back. In the LC I am dragging out the longfellows.
donVe3LYX

14803. Re: [AWA Group] 1/16" "fiber" for spiderweb coil

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-22 00:50:44 UTC
From: aflowers@frontiernet.net
Topic: 14792 Message: 14803

I think I might have found my answer--"vulcanized fiber", "vulcanized fibre", and "fishpaper" all seem to be the same approximate stuff. I found some adds from the "Deleware Hard Fibre Co." and "American Hard Fibre Co." in some radio/electronics rags from the early 20's, and this is what they were selling. Like phenolic thermoset resins (Bakelite, Condensite, Garolite etc) it too was and still is used for its mechanical strength where electrical insulation properties are needed. Like the phenolics, it also is resistant to most solvents.
It's not to be confused "fiberboard"--a wood product like MDF or particleboard.
Andy K0SM/2

On Wednesday, December 21, 2016 4:55 PM, "Don Dulmage dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

  I used thin plywood from Michaels craft wood bin. Probably period correct. Very thin and very strong compared to cardboard.
donVe3LYX----------
On Wed, 12/21/16, 'aflowers@...' aflowers@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] 1/16" "fiber" for spiderweb coil
To: "AWAGroup" <awagroup@yahoogroups.com>
Received: Wednesday, December 21, 2016, 3:18 PM

I'm looking at an article for winding a spiderweb
coil. The suggested material is "1/16in fiber",
which must be some kind of 1/16" thick sheet that
is stiffer than cardboard and can be cut/sawn to make a
spiderweb form. What is this stuff and is there a source
of material (or dead ringer) in this century?
There
is such a thing as "fiberboard" available today
but I'm not sure if its the same stuff. The article
really heavy cardboard *might* work but fiber would be
better...
Thanks!
Andy
K0SM/2

14804. Re: [AWA Group] 1/16" "fiber" for spiderweb coil

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-22 01:24:57 UTC
From: Louis Vermond
Topic: 14792 Message: 14804

Great. Hope you find a modern source.

Lou

----- Original Message -----
From: 'aflowers@...' aflowers@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-12-21 7:50 PM
Subject: Re: [AWA Group] 1/16" "fiber" for spiderweb coil

I think I might have found my answer--"vulcanized fiber", "vulcanized fibre", and "fishpaper" all seem to be the same approximate stuff. I found some adds from the "Deleware Hard Fibre Co." and "American Hard Fibre Co." in some radio/electronics rags from the early 20's, and this is what they were selling. Like phenolic thermoset resins (Bakelite, Condensite, Garolite etc) it too was and still is used for its mechanical strength where electrical insulation properties are needed. Like the phenolics, it also is resistant to most solvents.

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of material (or dead ringer) in this century?
There
is such a thing as "fiberboard" available today
but I'm not sure if its the same stuff. The article
really heavy cardboard *might* work but fiber would be
better...
Thanks!

Andy
K0SM/2

14805. Re: [AWA Group] 2016 BK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-22 01:39:02 UTC
From: Whitebear1122
Topic: 14606 Message: 14805

Congratulations Jim on your two 40 meter and one 80 meter QSO’s with your 1929 rig! That is an accomplishment for sure! My first 1929 QSO Party wasn’t because I was still struggling with the 80m MOPA and didn’t get it done, so my score was a big fat ZERO. You got three more than me dude :) My 2nd year score was something like 14 stations on 80m and I thought I had died and gone to heaven with that score. hi hi I suspect you’ll be racking up more QSO’s next year. 73, Scott WA9WFA

> On Dec 21, 2016, at 11:39 AM, kk4gfr@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:
>
>
> Hello Everyone, First of all, very nice display of transmitters Lou!! Excellent workmanship! I made 3 contacts, 2 on 40 and 1 on 80. I consider it a success because it was much fun! I have disconnected my Hartley and moved into the 30's with my xtals. Are there any Hartley meets during the year after the BK? 73 Jim kk4gfr
>

14806. Re: [AWA Group] 2016 BK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-22 02:42:07 UTC
From: kk4gfr@...
Topic: 14606 Message: 14806

Thankyou Scott for the encouragement. It was truly a pleasure to hear the sounds of yesteryear! Have you seen pictures of the Hull superhet? Anyway, it would sure would be a nice addition to a '29 station. 73 Jim kk4gfr

14807. Re: [AWA Group] 2016 BK

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-22 02:27:59 UTC
From: William Kirk
Topic: 14606 Message: 14807

Thanks for the encouragement Scott! It was a great experience in radio history. My entire station would almost qualify for Linc Cundall. Almost all of us have a radio budget, but have you seen the Hull superhet? Beautiful! It was truly great to experience real radio! 73 Jim kk4gfr

On Wed, Dec 21, 2016 at 7:39 PM, Whitebear1122 whitebear1122@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> Congratulations Jim on your two 40 meter and one 80 meter QSO’s with your
> 1929 rig! That is an accomplishment for sure! My first 1929 QSO Party
> wasn’t because I was still struggling with the 80m MOPA and didn’t get it
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> Hello Everyone, First of all, very nice display of transmitters Lou!!
> Excellent workmanship! I made 3 contacts, 2 on 40 and 1 on 80. I consider
> it a success because it was much fun! I have disconnected my Hartley and
> moved into the 30's with my xtals. Are there any Hartley meets during the
> year after the BK? 73 Jim kk4gfr
>
>
>
>

14808. Re: [AWA Group] BK Power Discussion - LONG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-22 03:18:33 UTC
From: Whitebear1122
Topic: 14763 Message: 14808

Hi All, The BK 1929 QSO Party power rules have been simmering under the surface for a while now and may now be time for a change.

I am happy to talk about it. There is nothing “sacred” about the power other than it’s part of the original rules that Bruce Kelley, Batterson, Cundall et. al came up with at the start of the 29 QSO Party around 1991. Not being there at the time, I can only speculate that the power limit all came down to just one thing: Authenticity. I think Bruce just wanted to run the real 1929 transmitters that were popular back then, not the ones owned by the very few rich people, but the ones owned and operated by the majority. I have several hundred 1929 and earlier QSL cards and most of them are running 9 watts input or 4 1/2 watts.

I will also note that the first 1929 QSO Party had around 19 stations participating, all in the New England area, states bordering on New York (Bloomfield). So the contacts were much easier to come by with station being 50 to a couple hundred miles apart. That was then.

Fast forward to today where there are thousands of miles separating us. There is still a large contingent of 1929 stations in the historic New England area, Maine through New York, along with some down south like Bill JYS, and Ron GJV, and then a big bunch of 10-12 stations out here in Minnesota, Wisconsin, Illinois, then the few guys out west like KK7UV, Mark AB0CW, Howie WB2AWQ, Jim W8KGI, and our buddy Doug WA6VYN in California It’s damn tough working the New England and SW/W stations and I feel guilty giving out 339 RST and thinking the signal is not even that good. Thank goodness for the Elecraft KX-3 receiver with the razor sharp filters. Still that doesn’t make up for poor propagation. Just a few years back propagation was great on 80 meters at night. For years I could count on 80 meters to start rolling in around 5:30 PM and I’d work all the MN stations, then around 6:30-7:00 the band would go long and I’d hear all the east coast west coast and southern guys. Not now though.

Some have speculated that the lower QRP power levels keep this event under the radar of the FCC and OO’s. I don’t believe that was the reason for the power level in the first place but it does help keep us under the radar.

For several years there was a local OO living about 5 miles from me. The guy was a big cw net operator and on every Saturday night running nets. You can imagine that I was on his OO radar every 29 QSO Party weekend :) I think he gave up sending me OO notices. Thankfully he finally moved away. Frankly I ignore the OO’s. Let them go up and solve the horrible behavior on 75 meter SSB in the evenings or 7200 kHz SSB first, and only then come down and hassle me over my chirpy pip squeak transmitter that is not bothering anyone … hi hi

Personally I do not have a problem with raising power limits in the BK 1929. I’ve been thinking about it for the past several years, thinking that it’s time. Last Spring I consulted with one of the MAJOR 1929 guys who has won probably more 29 QSO Party’s than anyone, and I respect his opinion. He said he would be fine with a power change. He said it’s not about the power. He said it’s about the building of a 1929 style rig using 1929 period tubes, putting it on the air, and contacting other 1929 stations. This guy operates

1929 equipment all year long. I agree with his thoughts about the 1929 power.

I'd love to put a Colpitts on the air with a pair of 211's in push pull, and get 30 watts output. I'd love to give W8KGI and AB0CW a 569 report instead of a 229 or not hear them at all.

DISCLOSURE STATEMENT: I am in an awkward position right now. I have resigned my commission as your AWA 1929 QSO Party manger effective as soon as I complete the tabulating and writing the 2016 29 QSO Party AWA Journal results article . I announced this last Fall and notified Tim Walker W1GIG AWA Amateur Radio Manager as well as notifying the Amateur big wigs at the Antique Wireless Association. After 12 or 13 years it's time to pass the event management on to another. There is no illness or sickness driving this, no issues or conflicts. It's just time to pass it on.

With the approval given by Tim Walker W1GIG, your new 1929 QSO Party manager is Dave Parker WB9WHG in Madison Wisconsin. As the former manager I can only recommend power changes to the new management and help consult with the rules changes if asked.

It has been a pleasure serving as 1929 QSO Party Manger for all these years and I hope Bruce Kelley and John Rollins are pleased with how I managed their QSO Party. Harold KB0ROB told me a couple years ago that his close friend John Rollins told him on the phone that he was very pleased with how I've run the event. That meant a lot to me because I've tried hard to do right by Bruce and John. I think my first 29 QSO Party as manager was 2004.

You 29 guys are unique in amateur radio. You guys go way beyond the appliance operators by actually building and operating your own 1929 gear. Screw the 599/qth/name/WX//73 guys, it's all about what oscillator configuration did you build, tube? plate current? plate voltage? efficiency? power output? chirp or charm?, coil diameter and turns? etc… This is fun amateur radio!

73, Scott WA9WFA

14809. Re: [AWA Group] BK Power Discussion - LONG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-22 10:10:53 UTC
From: dulmagedon@...
Topic: 14763 Message: 14809

Blessings upon you and thanks for your work. Here is to many years on the fun side
donVe3LYX

14810. Re: [AWA Group] BK Power Discussion - LONG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-22 13:18:05 UTC
From: dfaklis@...
Topic: 14763 Message: 14810

Rules are important and many contests/events have provisions for checklogs. Perhaps BK could accept a checklog from a station that violated the power rule. That checklog could also include QSOs with non-BK stations (I made many more Q's with non-BKers than BKers). More power, more QSOs, more fun...but no plaque. However, there are some that frown upon those that violate the rules willingly and submit checklogs. This is a hobby and we're all trying to learn while having fun.

If someone would complain about a BK signal, they will complain regardless of the S-meter reading. Thankfully, that ham is in the minority. Radio history is important and I'm reasonably certain that our governors will cut us some slack for a few hours every year.

73, Dean, NW2K

14811. Big Tubes

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-22 14:42:50 UTC
From: dulmagedon@...
Topic: 14811 Message: 14811
Attachments: 2 described; binary payloads are missing from this source WARC

As I was talking earlier I ordered a 6550 tube (KT88 eq) These tubes are giant 6l6s using the 7ac pinout but capable of big power. Partly due to their size perhaps but mostly due to their ability to stand a heavy load at 600+ volts. I held a metal style early tube in my hand beside the 6550 just to give an idea of the difference in size. And just for fun I pulled the 6l6 out of my breadboard 80m rig and plugged in the 6550 just to see is there any difference even at the normal 6l6 voltages. If the scale on my FS meter means anything yes. A substantial difference. Perhaps 20% or more with the 6550 tube. Now I have to build a 600v underload supply for the breadboard rig. I have several 600 volt supplies but they are all 12 volt filaments because they are feeding WW2 military sets with 807s or 1625s. Anyway this is something I wanted to explore for several years and my supplier had these tubes on for less then 6l6s at the moment so I seized the oppourtunity. It does not seem to have any trouble running as a 80M osc. Keys well and starts well. Maybe I should build another Longfellow for 160m with it. 6l6 driving a 6550. Anyway more fun in the hobby. donVe3LYX

14812. Re: [AWA Group] BK Disappointment

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-22 15:40:41 UTC
From: Doug Forbes
Topic: 14763 Message: 14812

See, that's the added benefit from being in L.A. there's nobody on the
air to care. I knew there was an upside to this.

Doug Forbes WA6VYN

On 12/21/2016 1:54 PM, Bill Stewart cwopr@... [AWAGroup] wrote:
>
>
> A few comments on Paul's post....de Bill K4JYS:
>
> "whenever I work the BK I get on air and email comments about my
> rotten signal."
> /Paul, I have gotten those comments also, altho this year all the OOs
> and emails
> will not come to me...hi
> ----------/
> "I suspect if more people get louder signals there will be more
> complaints and possibly bad publicity. As it is, for the most part BK
> stations have a fairly low profile."
> /Paul's statement is spot-on. Most of us BK'ers are operating well
> outside of
> today's 'signal purity standards'. I feel we have been lucky, so far,
> that the FCC
> hasn't heard our sigs (hopefully they have more important things to
> listen to) and
> sent some of us that BIG OO notice....I usually get a few from the
> ARRL guys tho.
> Also many of today's hams only know the 'rice box' sound and can't
> even give
> us a correct RST....thus more chances of complaints.
> ----------
> /
> "The other factor is cost to build rigs. As you go up in power, the
> cost of appropriate tubes skyrockets. If one wants to build a mostly
> period correct rig, so do many of the other parts."
> /As it stands now, with our power limits, we can build pretty close to
> 'period'
> correct by using fairly inexpensive and available receiver parts. I am
> not a
> purest, but building as close to the 1920s time frame is a big part of
> the fun.
> ----------
> /

> "I know, I know, it isn't a contest........"
> "......the current format which by its very nature promotes aggressive
> competition."/
> Don't agree with the 'aggressive competition', however I do agree that
> it is not a
> normal type of contest....I like to call it an event. If it was a true
> contest we would
> be doing the '599-73' (and I'd be doing something else) contacts
> instead of stopping every-once in a while passing a few comments
> along. In all the years I have worked
> the BK, I have NEVER heard, been a victim of or perpetrated aggressive
> behavior of any kind. I think a better word would be 'exuberant'
> operating. In fact, I'm exuberant about the whole BK event....not just
> the operating. For me, it is just plain a lot of fun..... whether I
> make 20 contacts or more. It's gotta be based on fun, not winning, to
> stay up late, call and call, etc, try to pull out a wobbling, chirpy
> signal from the noise and when you do log the station.....well, you
> have accomplished something many hams know nothing about....what radio
> was like in the 1920s. Go back and read Scot t's (WA9WFA) recent email
> RE. "Charming Signals".....to me this is one of my main enjoyments of
> the BK and I hope that never changes.
> ----------

> /
> "I'm not a regular participant,........"
> /Paul, wish you would consider joining in more often./
>
> ----------
> *From: *"N1BUG paul@... [AWAGroup]" <AWAGroup@yahoogroups.com>
> *To: *AWAGroup@yahoogroups.com
> *Sent: *Wednesday, December 21, 2016 3:12:11 PM
> *Subject: *Re: [AWA Group] BK Disappointment
>
> For what it's worth, I agree with Bill's assessment.
>
> Perhaps owing to my above average antennas, whenever I work the BK I
> get on air and email comments about my rotten signal. Some of them are
> quite belligerent, telling me to cease and desist "or else". I don't
> feel a 3 dB power increase (from 10 to 20 watts) will help much with
> east-west contacts. A larger increase probably would (say 100 watts),
> but at what cost? I suspect if more people get louder signals there
> will be more complaints and possibly bad publicity. As it is, for the
> most part BK stations have a fairly low profile.
>
> The other factor is cost to build rigs. As you go up in power, the
> cost of appropriate tubes skyrockets. If one wants to build a mostly
> period correct rig, so do many of the other parts. This tilts the
> playing field in favor of those with deep pockets. I know, I know, it
> isn't a contest. But, if you really want it not to be seen as a
> contest, then perhaps consider not giving a very attractive plaque to

> the winner. That tends to make some people crazy (including me). Call
> it an activity night with no award or public score listing for
> prestige. Publishing a list of calls participating without listing
> number of contact or score would be good. Actually for me that would
> make working the BK much more appealing than the current format which
> by its very nature promotes aggressive competition.
>
> I'm not a regular participant, obviously, so whatever the majority
> wants. I am just not sure raising power enough to really help is a
> good thing. I think Bill's suggestions about promoting more activity
> and improving antennas (where at all possible) are good. Antennas are
> everything. The ones out west with above average antennas are the ones
> who make it into my BK log.
>
> 73,
> Paul N1BUG
>
>
>
> On 12/21/2016 12:00 PM, Bill Stewart cwopr@... [AWAGroup]
> wrote:
>
> Hi Doug,
> I, too, wish you guys out west could make it back east more often,
> at least
> into the MN bee hive. There's usually a bunch of MN ops on during
> the BK.
> I think a higher power would cause problems. I believe one of the
> reasons
> for the 10/20 watt rule is to keep our sigs tamed down a bit. I
> think it is better
> we keep our 'unique' sounding signals at a low key. Plus, that
> power level is
> more '20s like....probably most hams back then used that power
> level. Can you
> imagine how many OO reports, cat calls, etc we would get even running
> 50 watts or so. Plus tubes for that power level are probably being
> gobbled up,
> at high prices, by the audio folks. Also, at the present power
> levels, we are
> all on about the same level....transmitter wise.
>
> A few suggestions: maybe a push to get more BK stations on out west.
> With a few more stations in the west, you guys might at least have
> a few
> more stations to work. How about working on the antenna systems...of
> course, this depends on how much room you have for wires, etc. Even a
> real good antenna for 40m would help. Years ago, from here in NC,
> I made
> it into W6 (80m) using my lowly TNT at abt 3w input. The antenna

> then, and
> still today, is a off center, single wire fed Hertz...a late 1920s
> antenna and now
> known as a Windom. I have also been fortunate to work Steve, VE7SL in
> several BK events...on 80 & 40m. I have used that type antenna for
> all BKs
> since around 2001, with good results. In future BK events, maybe more
> communications on this list would help everyone know when you guys
> think prop is best for west-to-east QSOs. As far as us easterners
> are concerned,
> possibly, we need to stay up later. I usually QRT about 1AM....I
> could hang
> a bit longer if I knew you guys were on. Here again, this list
> would be a good
> place to let everyone know what bands are working. Oh, when building a
> BK rig, go for the highest power the rules permit.....10/20 watts.
> Remember
> you can run 20w input between 5 & 13Z.
>
> There's no getting around it....west-east contacts will be highly
> dependent on
> band condx/prop. I have seen the times when, even with the high
> advantage of
> being in the east, condx were rotten and QSOs were few and hard to
> make. I
> hope you guys will stick it out and keep trying. Please pass along
> any suggestions
> you all have that might help get us all more e-w/w-e BK QSOs.
>
> GL....73 de Bill K4JYS
>
>
>
>
>
>

14813. Re: [AWA] Cavalier cathedral

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-22 15:59:12 UTC
From: Michael Bittner
Topic: 14813 Message: 14813

Alex, As far as I know, the words "cathedral" and "portable" don't go together. My Cavalier portable has broadcast band plus two short wave bands with tubes 1R5, 1U4, 1U4, 1U5, 3V4. It has typical square wood cabinet with two-tone green leatherette covering. I would describe its cabinet style as "suitcase". If interested, I can send photos as soon as my camera batteries finish recharging. Mike, W6MAB
-
-
----- Original Message -----
From: 'Radio AI2Q' ai2q@... [antiquewirelessassociation]
To: antiquewirelessassociation@yahoogroups.com ; AWAGroup@yahoogroups.com ; Glowbugs
Sent: Thursday, December 22, 2016 7:20 AM
Subject: [AWA] Cavalier cathedral

☐

Has anyone any information an a Cavalier cathedral portable? This one has removable doors on the cabinet front and rear, and a carrying handle on the top.

The only identification is the "Cavalier" name on the indicator bezel.

== AI2Q, Alex

Member: ARRL, FOC, RSGB, CWops, QRP-L, Antique Wireless Association, New England Radio Discussion Society, DXCC Honor Roll, 160M DXCC, 80M DXCC
http://ai2q.org

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14814. ...and a Merry New Year

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-22 16:34:32 UTC
From: Louis Vermond
Topic: 14814 Message: 14814
Attachments: 1 described; binary payloads are missing from this source WARC

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14815. Re: [AWA Group] Re: 2016 BK es Jim kk4gfr

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-22 16:40:51 UTC
From: mbdittmar@...
Topic: 14796 Message: 14815

Don,

I think this is a great idea. There used to be a very active glowbug roundtable, that was on just about every weekend....informal...just a bunch of hams that would put on their old homebrew gear or even just their tube rig on CW....this was back around year 2000 or thereabouts. Really a lot of fun. That has long since faded into oblivion as far as I know (although ER lists it as an active group).

So yes, why wait just for once a year for the BK to fire up the 1929 stuff (I know there are some that do use them year round) ? Start building higher power tx rigs, based on 29 tubes and designs....or just use the regular 1929 rigs we already have...and strive for a good "note". Once a month would be great. And of course it would be great "practice" for the BK.

I mentioned my friend KD0VBR. His twin 203A/211 Hartley is now driving a twin 860 power amp ! 100 watts OUTPUT. A fine 1929 rig in my opinion, lol...albeit the tubes can get pretty expensive. He is running 1200 VDC only on the 860s (which are paralleled) and is even using a PS with 866s in it. I can tell you that it sounds like a modern tx on the air.

I have a 40 meter 10 osc to 860 rig that has been sitting on the shelf for years, waiting for me to finish it. I just might have to finish it now.

73 Mark AB0CW

----- Original Message -----

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, December 21, 2016 5:30:50 PM
Subject: [AWA Group] Re: 2016 BK es Jim kk4gfr

However nothing stops us from having an event or pre29 net. IE Last Sat in every month at 8 PM on 80 or 40M. 30 minutes or perhaps 60. Just for fun with summer off. Find an unused spot and pound away.
donVe3LYX

14816. Marconi in Dorset

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-22 18:08:23 UTC
From: Louis Vermond
Topic: 14816 Message: 14816
Attachments: 7 described; binary payloads are missing from this source WARC

Group,

Here is something Ian, G3ZDQ sent to me recently. Perhaps some here are also interested in the history of our hobby as well.

73, Lou
VE3AWA

I have attached a couple of PDFs and a photo which I thought you might find interesting. The photo is of the Haven hotel in Sandbanks Dorset circa 1900. This is where Marconi carried out some of his early wireless tests to the Isle of Wight at that time. The text below is copied from an article written about his work in Dorset.

The two PDFs are copies of a couple of hotel bills for G Marconi from the Haven hotel around that time. My friend Jim Taylor, now a silent key, had the originals but kindly made copies for me. You said you were interested in radio history so I thought you might enjoy them. Marconi obviously liked a tot or two!

Sandbanks is now a very popular tourist area. The Haven hotel is still there and the room Marconi used is now a lounge but preserved within the newer hotel building. I used to work in Poole at the Plessey Company quite close to Sandbanks, so know the area quite well. I don't think Marconi would recognize it now though!

Ian G3ZDQ

Something in the air
Brian Faulkner looks at Marconi’s pioneering work on radio on the Dorset coast
Published in February ’11

Guglielmo Marconi, credited with being the ‘Father of Wireless’, was born in Bologna, Italy. He wasn’t a particularly clever scholar but was captivated by what he called, ‘the idea of transmitting messages through space by means of etheric waves’. With the Italian government showing little interest in his experiments the 22-year-old arrived in London in 1896 and, after staging successful experiments in front of scientists and the military in London and on Salisbury Plain, he was convinced that, in the short term, wireless would offer greater benefit at sea than on land. The following year he arrived on the Isle of Wight, with his assistant George Kemp, where he set up the world’s first fixed transmitting station at the Royal Needles Hotel.

We have a very accurate account of Marconi’s work at the time from the meticulous diaries that Kemp kept. On 24 November 1897 he wrote: ‘purchased lower mast, topmast and sprit at Southampton. Hired a tug and towed it to Alum Bay, landing it at the bottom of Alum Chine. It was far from easy work in bad weather to transport these spars to the top of the cliffs

and across the lawn in front of the Needles Hotel.'

On 7 December the experiments began. 'We started experiments using either the Solent or Mayflower, tugs belonging to the South Western Railway Company at Lymington, the object being to steam over a triangular course each day and noting the signal strength. To Bournemouth Pier, then on to Swanage Pier with a straight run back to Alum Pier.'

Despite contending with south-westerly gales, rain and dense fog, good progress was made and signals were received at distances of up to eighteen miles (29km) allowing Kemp to write, on 23 December, 'We were satisfied that we could erect a station at Bournemouth and another station at Swanage and keep them in communication by wireless telegraphy day and night throughout the year without interference.'

Marconi now turned his attention to finding a suitable site to, as he wrote later, 'prove that wireless telegraphy was not a myth but a working reality.' In January 1898 he arrived in Bournemouth and set up a station at Madeira House, in the vicinity of the current Bournemouth International Conference Centre. A local journalist wrote, 'His object in Bournemouth is to signal a considerable distance, namely to Swanage on the west and the Isle of Wight on the east or to ships at sea. A flagstaff has been erected and from the top of this a wire runs down to apparatus in the house where instruments for receiving and transmitting messages are placed. The instruments to the ordinary observer are very simple in appearance and can easily be accomodated on a table three feet square.'

After some early teething problems, Marconi gave a series of successful demonstrations from the Needles Hotel to Madeira House on 9 January 1898, in front of his company's directors and local residents, Lord and Lady Tennyson, who took away with them a piece of tape that recorded one of the messages.

Towards the end of March, in a raging blizzard, Kemp managed to erect an aerial at the old Lloyds signal station at Swanage, over 200 feet above sea level. Wireless pioneers were a hardy crowd. His diary records that, 'I then laid down in the snow and joined up to the receiver at the same time covering my head and the receiver with the large cape attached to my waterproof coat.' He immediately heard signals between Marconi, in Bournemouth, and the Needles Hotel.

During these trials the liner Carisbrooke Castle was sighted passing the Needles outbound on her maiden voyage. Her position was passed by wireless from the Needles to Bournemouth and by inland telegraph to London. The telegram read, 'Steamship Carisbrooke Castle, Donald Curie Line, outward bound, passed the Needles at five minutes past six.'

Among the many prominent people who visited Marconi at his stations was eminent physicist, Lord Kelvin. He became the first person to send a paid message by wireless when, on 3 June 1898, he sent a message to mathematician and physicist, Sir George Stokes, insisting on paying 1s (5p) royalty on it.

The message read:

'To MacLean, Physical Laboratory, University, Glasgow.

Tell Blyth this is transmitted commercially through ether from Alum Bay to Bournemouth and by postal telegraph thence to Glasgow – Kelvin'

Earlier Kelvin had been extremely uncomplimentary about Marconi's efforts. 'Wireless was all very well,' he said, 'but I would rather send a message by a boy and a pony,' so this

was his way of apologising and something in the way of a gesture of confidence. The message was handed in at Bournemouth at 2.30pm and received in Glasgow just 50 minutes later.

After all the effort he put into finding a suitable site for his station, Marconi soon fell out with the hotel management over the cost of the 115ft (35.5m) wooden mast that was in their grounds. Kemp recorded, ‘Sept 24th to 28th, trouble with hotel manager Mr. Miller.’ On 30 September he wrote, ‘Transported masts on a timber wagon and apparatus in a van to the Haven Hotel, Sandbanks.’

In the latter years of the 19th century Sandbanks consisted of just two hotels, a coastguard station and a few private houses, one of which belonged to Lord Wimborne. Marconi carried out a great deal of experimental work here and a local boatman spoke of a large, east-facing room on the ground floor that served as the main laboratory although he also used huts in the grounds. He often spotted Marconi through the window standing in front of a ‘great flat instrument, several feet square. He looked as though he was playing a piano. Sparks kept flying from this strange machine.’

Marconi lived and worked on and off at the hotel, with members of his family, until 1926. Visitors noted that meals were taken at a communal table, with Marconi and his mother and brother being joined by Dr James Erskine Murray – who had studied under Lord Kelvin and subsequently worked with Marconi on many of his experiments – and his wife, the rest of the staff, and indeed anyone else who happened to be there at the time. Following dinner there was often a musical interlude. Murray would play his cello, Marconi’s brother, Alfonso, his violin, with Marconi, himself, accompanying them on the piano. Today the hotel’s lounge is named in his honour.
On 28 February 1900, the 14000-ton German liner, Kaiser Wilhelm der Grosse, probably the most famous liner of her day, sailed from Bremerhaven with Kemp on board, the first liner to be fitted with wireless. Once in the English Channel, the ship’s wireless operator made contact with Marconi’s stations at the Needles and Haven Hotel and, before the ship was out of range of the Isle of Wight, many of her passengers had taken the opportunity to try out this new-fangled invention.

In later years, Marconi became a Captain in the Italian Naval Reserve, and said on more than one occasion that he felt more at home on the sea than on dry land. ‘Nothing can replace the charm and freedom of the sea,’ he said. His yacht, Elettra, was a floating laboratory, and was often seen in Poole Harbour lying just off Brownsea Castle. Marconi carried out a great deal of his experiments in long-range communications on board. Elettra, receiving signals transmitted from the Marconi company wireless station at Dorchester. This station was built in 1927 and was known as the ‘Beam Station’ due to the way the radio signal was transmitted. It opened on 16 December with a service to New York and was followed shortly afterwards by a route to South America. By the end of 1928 services to Japan and Egypt had also been inaugurated. In 1929 equipment was installed to enable the station to conduct tests with Marconi on his yacht which, at the time, was off Genoa. The tests were apparently, ‘quite satisfactory.’ The Post Office took the station over in 1949 operating Associated Press services and world-wide maritime services. The beam aerials were prominent on the Dorchester skyline until 1966 when the last one was demolished and the station itself closed in April 1978.

When Marconi died in July 1937, the Bournemouth Times and Directory reported, ‘Bournemouth may take special pride in the fact that it was here that senator Marconi conducted his first experiments at the close of the last century, and there are those still living in the town who remember him working in their midst. There is not a wireless listener in

Bournemouth or anywhere else who has not lost a good friend in Senator the Marchese Marconi whose death in Rome this week has been universally mourned.’

Credits:

3 Museum of the History of Science, University of Oxford. MHS inv. 34711

4 Museum of the History of Science, University of Oxford. MHS inv. 86892

5. The Bodleian Library, University of Oxford. MS Photog. B63

The steam yacht Elettra, Marconi’s private floating laboratory. This mobile location played an important part in the evolution of his work, especially in short wave wireless communication.

Marconi used this key in all his experiments at The Haven station, leading to the 7777 tuning patent of 1900. It was the first type of key designed specifically for wireless work.

Marconi and George Kemp with some of Marconi’s early equipment

Black and white photographic studio portrait of Marconi, taken shortly after his arrival in England

The Haven Hotel, Poole where Marconi set up a wireless station in 1898. This station remained until 1926 and many of Marconi’s experiments were carried out there.

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14817. Re: [AWA Group] BK Power Discussion - LONG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-22 19:51:32 UTC
From: aflowers@frontiernet.net
Topic: 14763 Message: 14817

My two cents.
It seems to me that if more power were allowed, it should come with the reminder to be responsible and know your station its limits, and probably take some steps to mitigate any potential problems. In the end we are responsible for the operation of our transmitters, whatever we choose to do. In the spirit of 1929 and the vision of the BK (and being so new to all this might be a little presumptuous having not known Bruce), I'm trying to look at this from the 1920's perspective: What would Ross Hull do?
What I've found in my short travels so far that all the "scary" spectral purity issues: chirps (and other FM effects), clicks, harmonics, parasitic oscillations, and other modulation effects are all addressed in the period of the 20's, and have authentic (I hate that word) 1920's mitigations. I really don't see any reason that period 1929 construction techniques can't actually meet the letter of the law, not just the spirit (which is don't cause QRM to anyone--*especially in other services*--by bad design or adjustment, and from what I can tell we're generally pretty good about this, today whatever else). This is an operator- as much as a construction thing, and you can address all this to your satisfaction without resorting to knowledge or techniques to modern for any tastes.
Keeping the power down does minimize some risk, I suppose, but good 1920's RF design can be pretty good and something to be proud of, I think.
I personally am looking forward to building a "50W" MOPA and learning to neutralize it, regardless of whether I run it at full power or not.
So getting back to Mr. Hull...Ross Hull spent lots of time in the ARRL lab working on this stuff to show us just how good things can be with primitive self-excited oscillators. I think he was successful in diagnosing the biggest problem at the time (and probably the most obvious today with our self-excited oscillators)--the FM affects of changing plate voltage on the frequency of the oscillator. This is what Ross Hull's seminal "Overhauling the Transmitter for 1929" (Aug. 1928 QST, p.9) is *really* about. His point was that you can adjust a transmitter so that changes in plate voltage don't cause the transmitter to change frequency much if at all. If you accomplished this, the regulation of the power supply becomes much less important--even an AC supply would be acceptable. By adjusting the plate voltage and measuring the change in carrier frequency he found what parameers affected this and how to get there. In the end it still chirped a little and I'm sure it still had some of that magic sound--just not pathological amounts of it. After all that, he then he describes the pretty transmitter on the first page to serve as a model
...but all the while under the umbrella of belief that crystals and MOPAs are still a better bet from a compliance perspective!
For those who have not seen it you can find a copy of this article (the original copyright has expired) at W1UJR's
website:http://www.w1ujr.net/Overhauling%20the%20Transmitter%20for%201929.pdf
Now, when the supply dropped from 400V to 300V (or less!) on key down, the transmitter only would move a few 10s of Hz instead of 3KC. A 3KC chirp might just sound like a loud click to everyone in its path, but its not a "click" (or "thump" in 1929) in the sense of having too fast of a rise and fall time (AM component). It's just a really fast frequency sweep.
I suspect adding an RCL click filter around the key (or keying the transformer primary) would just slow down the sweep rate and probably make things worse! 10KC chirps were not unusual with bigger tubes, apparently.

Thus, in Mr. Hull's eyes, unfiltered AC supplies that went from zero to full plate voltage every 1/60s or 1/120s were acceptable so long as one could minimize the FM effect through proper adjustment. Extreme case in point: Ross Hull made a 1929 self-rectified set using two *UX-852s* and got the thing corralled into about 500Hz including sidebands (QST Feb 1929, p. 23). This is a transmitter in which each tube sees zero-to-at least a kV swings every 1/60 second, and its basically two free running oscillators that have to be tuned to the same frequency sharing the same tank circuit but not the same blocking caps or internal tube capacities! It would make a quite a noise today, but pretty amazing given what it is. I don't think that every tube and transmitter can be quite as good as Mr. Hull's results, but it definitely worth tinkering with to get to know your transmitter. This too is in the spirit of 1929, and in the end I'm sure there will be some lovely "character" to spare when all said and done!
Probably the most important thing BKers can do is have the situational awareness to avoid interference to others--a characteristic of any good operator--while carrying on the mission of promoting radio history. I thought people did a very good job of that from what I could hear.
Fun stuff...
Andy K0SM/2

On Thursday, December 22, 2016 8:18 AM, "dfaklis@frontiernet.net [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

Rules are important and many contests/events have provisions for checklogs. Perhaps BK could accept a checklog from a station that violated the power rule. That checklog could also include QSOs with non-BK stations (I made many more Q's with non-BKers than BKers). More power, more QSOs, more fun...but no plaque. However, there are some that frown upon those that violate the rules willingly and submit checklogs. This is a hobby and we're all trying to learn while having fun.
If someone would complain about a BK signal, they will complain regardless of the S-meter reading. Thankfully, that ham is in the minority. Radio history is important and I'm reasonably certain that our governors will cut us some slack for a few hours every year.
73, Dean, NW2K

14818. Re: [AWA Group] ...and a Merry New Year

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-22 20:03:40 UTC
From: K3PID
Topic: 14814 Message: 14818
Attachments: 1 described; binary payloads are missing from this source WARC

Last Sunday morning we had -28° F in my Stevenson Screen and I was thinking what a day to work on an antenna... Fortunately, I didn’t need to...or want to...
Merry Christmas and Happy New Year to all the august members of this list! Thanks for all the good reading, good info, and good entertainment!

Ron K3PID

From: 'Louis Vermond' ve3awa@... [AWAGroup]
Sent: Thursday, December 22, 2016 10:34 AM
To: AWAGroup
Subject: [AWA Group] ...and a Merry New Year

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14819. Commemorative BK-Type On-Air Event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-22 20:48:07 UTC
From: Bill Stewart
Topic: 14819 Message: 14819

I just had a thought...dangerous, but here 'tis.
I got the W1AW post re. SAQ coming on with its commemorative
Christmas eve transmission. Plus Commemorative Fessenden Christmas
Eve 600-Meter Transmissions, which got me to thinking and some
of you radio history buffs help with this....is there any special event
in pre-1930 (1929 and back) dealing with amateur radio or radio
communications in general, that might be significant enough for us
'29ers to get on the air, with our rigs...any power ya think you can get
away with...sorta like SKN? There must be some significant date that
we could commemorate by getting on the air for a few hours...or more.
Probably numerous Marconi dates, Armstrong dates...and others just as
important. A KISS type of event...no score...no winners...no awards...
minimal log submissions, maybe a list of participants, etc...only requirement
would be a '20s xmtr (any type used in the '20s, even xtal)....and CW of
course....and rcvr too if ya have one.

Again, just a thought...comments?...tnx...73 de Bill K4JYS

14820. Re: [AWA Group] ...and a Merry New Year

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-22 21:37:33 UTC
From: Louis Vermond
Topic: 14814 Message: 14820

Last Sunday morning we had -28° F in my Stevenson Screen and I was thinking what a day to work on an antenna... Fortunately, I didn’t need to...or want to...

Ya, but what a great antenna it would have been....

MC, Lou

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14821. Re: [AWA Group] Commemorative BK-Type On-Air Event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-22 21:43:56 UTC
From: Louis Vermond
Topic: 14819 Message: 14821

Again, just a thought... And great one, Bill.

1BCG was heard in Scotland, Dec. 11th, 1921. A bit late for this year tho that would be a Monday / 2017. Lou

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14822. Re: [AWA Group] Commemorative BK-Type On-Air Event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-22 21:51:21 UTC
From: Bill Stewart
Topic: 14819 Message: 14822

Darn, Lou, that would be a good one, 'cept it's in the BK time frame......Bill

----- Original Message -----

From: "'Louis Vermond' ve3awa@sympatico.ca [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Thursday, December 22, 2016 4:43:56 PM
Subject: Re: [AWA Group] Commemorative BK-Type On-Air Event

Again, just a thought... And great one, Bill.

1BCG was heard in Scotland, Dec. 11th, 1921. A bit late for this year tho that would be a Monday / 2017. Lou

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14823. Re: Commemorative BK-Type On-Air Event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-22 23:10:16 UTC
From: dulmagedon@...
Topic: 14819 Message: 14823

I;m in.
donVe3LYX

14824. eBay Alert

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-23 00:35:12 UTC
From: Louis Vermond
Topic: 130 Message: 14824

Note: Signal Corps

http://www.ebay.com/itm/Weston-1-Amp-Full-Scale-RF-Ammeter-Transmitter-/262765530100?hash=item3d2e0bcbf4:g:mGEAAOSwiDFYLIxJ

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14825. Re: Commemorative BK-Type On-Air Event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-23 00:47:44 UTC
From: dulmagedon@...
Topic: 14819 Message: 14825

February 18 1908 patent for first internal grid (triode) vcuum tube was granted deforest. Feb 18 would be appropriate since we are "tubers" and Feb 28 is still he better winter conditions

14826. Tr: BK Power Discussion

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-23 01:42:13 UTC
From: JAMES HANLON
Topic: 14826 Message: 14826

Apparently my "disappointment" post several days ago stirred up some good discussion, and that's great. Here are a few thoughts I've had reading over the many good comments.

Use a good antenna for better results - my antenna for 80 and 40 is a 268 foot center-fed Zepp up about 35 feet. While greater height would no doubt help, that just is not in the cards, and this particular antenna does really quite well on another 80/40 operating event, the Classic Exchange.

I really enjoy working the BK, even though I have not chance to "win." Making a few QSOs with my 10Y/10Y MOPA or my 210 Hartley is a blast. There are probably three things that were responsible for my lack of a QSO this time.

1. I only spent about an hour on the air - entirely my fault of course. But this time of year, at least for me, is very busy with preparations for Christmas and family obligations that I personally have decided must take precedence. Perhaps (another) running of the BK at some less busy time of the year would allow me to spend more time on the air.

2. As many have mentioned, getting a signal from New Mexico out to Minnesota or New England or the East Coast with only 10 watts input can be pretty marginal at times. It's a two-way problem, you can't hear my weak signals and I can't hear yours. My MOPA will run more power and still put out a note as good as it has at 10 watts, so I could add somewhere between and 3 and 6 dB which would help you hear me. If you could also increase your power, that would help me hear you as well. Think about this. What would happen if we just dropped the power limitation from the BK rules completely. Guys who could might run a bit more power which would increase the number of cross-country QSOs and make for more fun for those of us out in the hinterlands, It wouldn't prevent the guys who are close to one another from continuing their contacts using lower power. Most folks would continue to put a rig together using a 27 or a 45 or a 10. A few enthusiasts might build a really big rig with a 203A or a 211 or some such tube, but so what. No one running low power would have any less fun. It would just add a little more to the total activity in the BK, and that would certainly not hurt anyone.

Actually I have similar thoughts about the power restrictions in the LC "contest." It encourages folks "back east" to put on low power signals which make it more difficult for those of us out west to make any contacts. My response to that is been to forget about the "score" and just put my 275 watt Globe King on the air - that guy burns a hole in the ether almost everywhere and I have fun talking to other AWA guys using it. Once more, I really think that dropping the power restrictions entirely would make for a better operating event.

3. The third problem other folks cited was unfavorable propagation. There's not a whole lot any of us can do about that. On Sunday afternoon when I was on for 40 minutes calling AWA, I heard quite a few signals on the air but just no other BK participants. Probably you guys were also on, the last hour on Sunday has been a good time to make a few contacts in past years. But the band was just not open between us.

So anyway, just my 2 cents worth. Thanks for all of your good discussion. Maybe we can make a few changes in the BK and also the LC which would up the participation and make for more good fun for all.

73,

Jim Hanlon, W8KGI, Sandia Park, New Mexico

14827. Fw: [AWA Group] Commemorative BK-Type On-Air Event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-23 00:18:57 UTC
From: Louis Vermond
Topic: 14827 Message: 14827

Darn, Lou, that would be a good one, 'cept it's in the BK time frame......Bill Yes I know, but had to be mentioned.

There was Marconi's "S", December 15, 1901. (2017, Sat. Dec. 2, 9,16 & 23)

Maybe someone here has a birthday between Jan. 2 and Feb. 28th. :0)

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14828. Re: Fw: [AWA Group] Commemorative BK-Type On-Air Event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-23 12:20:00 UTC
From: Don Dulmage
Topic: 14827 Message: 14828

I pushed 2 instead of 1 When mentioning Deforests patent date Feb18. Sorry.
I am going to go on then regardless. Feb 18 Deforests patent, seems as good a date as any.
Meanwhile I tried out the 6550 in the breadboard 80M rig.WOW!. TIme for a 600volt/6.3volt supply.
Reread the article Andy mentioned. My last two hartleys have much better notes then my first ones and my TNT is much improved since my first ventures. I thought the review would not hurt me. A little chirp I can live with but I want a good note. My Miltary rigs were all born with a distinctive chirp and they are staying as produced. The Collins is about 200 to 250cycles on the NJ SDR . Been working on a pond hop with it all week. I have a few days free of that now so time to play.
donVE3LYX

On Thu, 12/22/16, 'Louis Vermond' ve3awa@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: Fw: [AWA Group] Commemorative BK-Type On-Air Event
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Received: Thursday, December 22, 2016, 7:18 PM

□

  Darn, Lou, that would be a good
one, 'cept it's in the BK time frame......Bill
Yes I know, but had to be
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There was
Marconi's "S", December 15,
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14829. Ross Hull test

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-23 14:27:59 UTC
From: aflowers@frontiernet.net
Topic: 14829 Message: 14829

Don and Group,
I did the "Ross Hull" test with one of my transmitters to plot the relationship between plate voltage and frequency. It's a little easier for us because we probably don't have to build a stable receiver to do this (he used an overbuilt "growler", resistance-coupled amplifier, and a tuning fork in an electrical oscillator). For accuracy you probably want a synthesized rig with dial readout to 10's of Hz. Then you need some way of adjusting the plate voltage (adjustable supply, variac, etc.).
Here's my method:
1) Transmit at the lowest plate voltage--say 100V and record this Wait for the signal to stabilize (thermal effects). You want the actual voltage during key down, not the unloaded, key-up voltage.2) Zero beat the signal with the receiver3) Record dial frequency4) Repeat at 1 with next highest plate voltage.
You could also just do this with a speaker and any piece of software that can give you an audio spectrum or any guitar tuning software that will read a tone out in Hz.
In the end you should have a table like this:
V | f400V 3562.50300V 3562.61200V 3562.72100V 3562.89
There's some error in this I'm sure, but in the end this one is pretty well adjusted in accordance with Ross Hulls findings--in fact, it should "only" take up about 500-600Hz (not including AM sidebands) if I were to run it with AC on the plate :-) The V/f slope is less with less coupling, but I start to loose more power as would be expected. In theory I should be able to adjust past maximum coupling to the antenna and operate on the *other side* of resonance, but my current arrangement won't physically allow that so I didn't try. Hull found that sometimes a transmitter behaves better over there, so it's something to investigate. If you have a series capacitor, that probably means turning it *past* maximum output so that antenna current starts to fall off again. You might even find the V/f curve is a little flatter there and the note is better.
This was done with a 203A obviously running at low plate voltage. This probably reduces thermal effects. When I get a chance I want to repeat this with a small tube like a 71A or 01A in the same circuit, but I need to come up with a jumbo tube base to make a jumbo-to-UX adapter.
Andy K0SM/2

14830. Re: [AWA Group] Commemorative BK-Type On-Air Event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-23 15:14:38 UTC
From: Bill Stewart
Topic: 14827 Message: 14830

Tnx for the mention. Lou.
There may not be too much interest in this type of activity.
I wonder if anyone would like to get an informal net going....
weekly, monthly or what ever. Just trying to think of some
way to get some regular on-air activity going.
Bill

----- Original Message -----

From: "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Sent: Thursday, December 22, 2016 7:18:57 PM
Subject: Fw: [AWA Group] Commemorative BK-Type On-Air Event

Darn, Lou, that would be a good one, 'cept it's in the BK time frame......Bill Yes I know, but had to be mentioned.

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14831. Re: [AWA Group] Commemorative BK-Type On-Air Event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-23 20:43:46 UTC
From: dulmagedon@...
Topic: 14827 Message: 14831

I am interested. Monthly would suit me.
donVe3LYX

14832. Re: [AWA Group] Commemorative BK-Type On-Air Event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-23 21:45:19 UTC
From: Bill Stewart
Topic: 14827 Message: 14832

Ok Don...
I know you operate around 3.6mc some...have you heard much
activity, primarily digital/rtty, say just under 3.6. Thinking about
staying away from the bottom of the fone band due to splatter, etc.
Maybe a few of us could squeeze between the digital and ssb QRM.
What abt 8PM EST time frame?
Bill

----- Original Message -----

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Friday, December 23, 2016 3:43:46 PM
Subject: Re: [AWA Group] Commemorative BK-Type On-Air Event

I am interested. Monthly would suit me.
donVe3LYX

14833. Re: [AWA Group] Commemorative BK-Type On-Air Event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-24 01:31:32 UTC
From: dulmagedon@...
Topic: 14827 Message: 14833

Yes I usually operate at 3562kcs with the breadboard rig. (more on that in a minute) It has been good but there is a net not far away. I know that because my friend VE3CDX is quite active in CW nets and that is how ewe met. I will check with Jim to find out exactly where they are so we stay clear. Say of they are in 3565 we could go to 3560. 8 pm is good. Wed and Sundays are not. I was just one with the breadboard rig there a few minutes ago. I built a supply from my junk box today for the new 6550 tube. Not as much HV as I would like but close to 500v. WOW! is all I can say. Tis a very impressive tube even at that voltage. It works so well in the 1940 ARRL breadboard transmitter I am not requiring a new rig. However I know, it tisnt what i would be using on the 29 net.
donVe3LYX

14834. Re: [AWA Group] Ross Hull test

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-24 01:38:10 UTC
From: Don Dulmage
Topic: 14829 Message: 14834

guitar tuning software

I have a tuner and it would do the job easily. good idea. I often watch the swing when tuning my violin (fiddle).
Normally I use my digital rx set in its finest step as the note changes rather abrubtly when the freq shifts a step which is to me too much.
donVe3LYX

On Fri, 12/23/16, 'aflowers@frontiernet.net' aflowers@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] Ross Hull test
To: "AWAGroup" <awagroup@yahoogroups.com>
Received: Friday, December 23, 2016, 9:27 AM

Don
and Group,
I did
the "Ross Hull" test with one of my transmitters
to plot the relationship between plate voltage and
frequency. It's a little easier for us because we
probably don't have to build a stable receiver to do
this (he used an overbuilt "growler",
resistance-coupled amplifier, and a tuning fork in an
electrical oscillator). For accuracy you probably want a
synthesized rig with dial readout to 10's of Hz. Then
you need some way of adjusting the plate voltage (adjustable
supply, variac, etc.).
Here's
my method:
1)
Transmit at the lowest plate voltage--say 100V and record
this Wait for the signal to stabilize (thermal
effects). You want the actual voltage during key down, not
the unloaded, key-up voltage.2)
Zero beat the signal with the receiver3)
Record dial frequency4)
Repeat at 1 with next highest plate voltage.
You
could also just do this with a speaker and any piece of
software that can give you an audio spectrum or any guitar
tuning software that will read a tone out in Hz.
In
the end you should have a table like this:
V
| f400V

3562.50300V
3562.61200V
3562.72100V
3562.89
There's
some error in this I'm sure, but in the end this one is
pretty well adjusted in accordance with Ross Hulls
findings--in fact, it should "only" take up about
500-600Hz (not including AM sidebands) if I were to run it
with AC on the plate :-) The V/f slope is less with less
coupling, but I start to loose more power as would be
expected. In theory I should be able to adjust past maximum
coupling to the antenna and operate on the *other side* of
resonance, but my current arrangement won't physically
allow that so I didn't try. Hull found that sometimes
a transmitter behaves better over there, so it's
something to investigate. If you have a series capacitor,
that probably means turning it *past* maximum output so that
antenna current starts to fall off again. You might even
find the V/f curve is a little flatter there and the note is
better.
This
was done with a 203A obviously running at low plate
voltage. This probably reduces thermal effects. When I
get a chance I want to repeat this with a small tube like a
71A or 01A in the same circuit, but I need to come up with a
jumbo tube base to make a jumbo-to-UX adapter.
Andy
K0SM/2

14835. Bah Humbug!

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-24 12:35:17 UTC
From: N3IBX
Topic: 14835 Message: 14835

?Hello to John Dilks, K2TQN and everyone in the "AWA" Group,
?What's this about you not being able to climb towers anymore? I thought you promised to come over here and were to help me with the top section of my tower? I hope you're not going to go back on your word! I have a six element 6M "boomer" with a 34' mast that needs to be installed at the very top and thought you could handle the job - HI HI!

After the tower work I was going to "treat" for lunch and buy you a ham and cheese hoagie. I then need you to bring my Hallicrafters HT-9 from the garage to the basement shack. Do you mean to tell me you won't be able to handle the job? Am I to be dissapointed on both accounts?"

Geez, John. I thought you were up to handling both things I need to be done.Maybe I could ask Carl Nord, WA1KPD to come and help you with the HT-9. Maybe - HI HI!

Have a Happy Holiday anyway to you and everyone on the list.

Joe Cro N3IBX

14836. AWA '29er Net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-24 15:33:18 UTC
From: Bill Stewart
Topic: 14836 Message: 14836

Any of you guys interested in an informal net for us to exercise our Hartleys, Colpitts, TNTs, TPTGs, etc during the non- BK times. Possibly monthly on 80m...QRG TBD, and possibly around 8PM EST. So far, Don, VE3LYX and myself....others? Final details later.

Merry Christmas all....de Bill K4JYS

14837. Re: [AWA Group] AWA '29er Net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-24 15:55:41 UTC
From: Doug Forbes
Topic: 14836 Message: 14837

I'm in.

Doug Forbes WA6VYN

On 12/24/2016 7:33 AM, Bill Stewart cwopr@... [AWAGroup] wrote:
>
>
> Any of you guys interested in an informal net for us to
> exercise our Hartleys, Colpitts, TNTs, TPTGs, etc during
> the non- BK times. Possibly monthly on 80m...QRG TBD,
> and possibly around 8PM EST. So far, Don, VE3LYX and
> myself....others? Final details later.
>
> Merry Christmas all....de Bill K4JYS
>
>
>
>

14838. Long but happy night - WI2XLQ & SAQ

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-24 16:10:14 UTC
From: N1BUG
Topic: 14838 Message: 14838

I think this is on topic enough for the group... well, the first part anyway.

Last night I spent several hours listening for WI2XLQ (FCC Part 5 Experimental license) transmitting AM on 486 kHz with his UV-202 MOPA transmitter. The operation was to commemorate Reginald Fessenden's first audio broadcast 110 years ago. I don't mind telling you at nearly 800 miles a few watts of AM into a (probably) inefficient antenna on 486 kHz is a challenge. I could barely detect the music from time to time. Finally I managed to hear and understand the station ID "This is WI2XLQ..." (a couple of words I could not make out) "... on four hundred eighty six kilohertz". Whew! My ears hurt but mission accomplished!

I also listened for and heard Radio Grimeton / SAQ on 17.2 kHz using the 200 kW Alexanderson alternator. That may be a little off topic for this group... but what a thrill! This was the first time I had tried to hear it. I was using a $14 LF converter kit and my 80 meter inverted V with just the center conductor of the coax plugged in. It was nostalgic to hear hand sent Morse from a commercial station, not to mention use of the Morse colon character (twice).

I made recordings but only those with weak signal ears will admit there is anything but noise I'm sure. I thank my EME years (now way off topic) for preparing mine. :-)

Boy do I need a nap..... ZZzzzz.....

Paul, N1BUG

14839. Re: [AWA Group] AWA '29er Net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-24 16:44:00 UTC
From: mbdittmar@...
Topic: 14836 Message: 14839

Count me in

AB0CW

----- Original Message -----

From: "Bill Stewart cwopr@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "AWA Group" <AWAGroup@yahoogroups.com>
Sent: Saturday, December 24, 2016 8:33:18 AM
Subject: [AWA Group] AWA '29er Net

Any of you guys interested in an informal net for us to
exercise our Hartleys, Colpitts, TNTs, TPTGs, etc during
the non- BK times. Possibly monthly on 80m...QRG TBD,
and possibly around 8PM EST. So far, Don, VE3LYX and
myself....others? Final details later.

Merry Christmas all....de Bill K4JYS

14840. Re: [AWA Group] AWA '29er Net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-24 18:28:52 UTC
From: kk4gfr@...
Topic: 14836 Message: 14840

Count me in. Jim kk4gfr

14841. '29 meet

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-24 18:32:25 UTC
From: kk4gfr@...
Topic: 14841 Message: 14841

Count me in! Jim kk4gfr

14842. The QSL 40 et al

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-24 19:01:49 UTC
From: JAMES HANLON
Topic: 14842 Message: 14842

This is in particular for Don, VE3LYX, but everyone might enjoy it as well.

Don, since you are experiencing the wonders of a single 6550 oscillator, I thought you might be interested in a series of single 6L6 rigs presented in QST by Fred Sutter, W8QBW, from 1938 through 1940. They are, The QSL Forty, February 1938, page 24, with additions in March 1938, page 48 and July 1938, page 31, The Economy Forty, April 1939, page 18, the Runt 60 and QSL 60, September 1939, page 50, and finally the QSL Push-Pull, June 1940, page 26. The original QSL Forty ran from a 450 volt, 200 ma power supply, used a 6L6G, and delivered 40 watts output on 80 and 40 meters, and it's chassis was the size of a QSL card, hence the name. The last QSL Push Pull ran a pair of 6L6Gs and had an output of 100 watts. I don't know what the crystal current was in those rigs, but the older, pre-war rocks survived in those circuits.

If you don't have access to those articles let me know and I will send you copies.

73,

Jim, W8KGI

14843. Re: The QSL 40 et al

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-25 02:26:16 UTC
From: dulmagedon@...
Topic: 14842 Message: 14843

Thanks Jim, Some I have here. I use tall boy 6l6 tubes here. 6l6EH which are a big tube for a 6l6 (although small compared to a 6550) and have heard they can stand a lot of voltage as well. Although I think that at what is the upper limit for them a 6550 or KT88 would not even break a sweat. I remember reading though of a metal 6l6 upside down in motor oil running 1000 volts on the plate. I never wanted to push mine too hard. However the 6550 I think could probably handle 650 to 700 volts with ease. However I am surpprised at how the 6550 likes its new home. I am going to play with it for a bit with this PSU. Once I am comfy I may order a 650/6.3 volt transformer and see it I can hurt it. But I have heard of some of the performance folks got from 6l6 in years gone by and am amazed. Thanks for the reminders. I have most of 1940 QST here as well as the ARRL handbook. I will take a peak. donVe3LYX

14844. Re: [AWA Group] AWA '29er Net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-25 02:28:50 UTC
From: dulmagedon@...
Topic: 14836 Message: 14844

I checked with my CW net friend. 3560 to 3565kcs should be generally in the clear and he is also interested as he is building a Hartley.
donVe3LYX

14845. Re: [AWA Group] Long but happy night - WI2XLQ & SAQ

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-25 02:43:59 UTC
From: Don Dulmage
Topic: 14838 Message: 14845

I have yet to hear SAQ but have tried a few times with my SAQ SDR program. Had too much on today to do that but normally I would have tried.Congrats on Ur success.
donVe3LYX

On Sat, 12/24/16, N1BUG paul@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] Long but happy night - WI2XLQ & SAQ
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Received: Saturday, December 24, 2016, 11:10 AM

I think this is on topic enough for the group...
well, the first

part anyway.

Last night I spent several hours listening for WI2XLQ (FCC
Part 5

Experimental license) transmitting AM on 486 kHz with his
UV-202

MOPA transmitter. The operation was to commemorate Reginald

Fessenden's first audio broadcast 110 years ago. I
don't mind

telling you at nearly 800 miles a few watts of AM into a
(probably)

inefficient antenna on 486 kHz is a challenge. I could
barely detect

the music from time to time. Finally I managed to hear and

understand the station ID "This is WI2XLQ..." (a
couple of words I

could not make out) "... on four hundred eighty six
kilohertz".

Whew! My ears hurt but mission accomplished!

I also listened for and heard Radio Grimeton / SAQ on 17.2
kHz using

the 200 kW Alexanderson alternator. That may be a little off
topic

for this group... but what a thrill! This was the first time
I had

tried to hear it. I was using a $14 LF converter kit and my
80 meter

inverted V with just the center conductor of the coax
plugged in. It

was nostalgic to hear hand sent Morse from a commercial
station, not

to mention use of the Morse colon character (twice).

I made recordings but only those with weak signal ears will
admit

there is anything but noise I'm sure. I thank my EME
years (now way

off topic) for preparing mine. :-)

Boy do I need a nap..... ZZzzzz.....

Paul, N1BUG

14846. RE: AWA '29er Net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-25 13:23:23 UTC
From: Bill Stewart
Topic: 14836 Message: 14846

GM and Merry Christmas,
Tnx Don for the info on the freq. All those interested take a listen
from 3560 to 3565kc and see how it sounds in your area around
8-9PM. Wed & Sunday nights out, but, so far any other night will
work....suggestions? Maybe we can squeeze in for an hour or so.
And at the moment, a monthly net.

So far interested parties are: VE3LYX, WA6VYN, AB0CW, KK4GFR
and K4JYS. Any others?

If ok, I can work up a starting point for the NCS and call-up procedure
with emphasis on the KISS method...sorta modeled after the Lake Erie
Boatanchor Net (7092/93...Sat 9AM EST...all are welcome...have cked
in with the Hartley a few times).

Thanks all...this is looking good...73 de Bill K4JYS

14847. Re: The QSL 40 et al

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-26 11:38:05 UTC
From: dulmagedon@...
Topic: 14842 Message: 14847

I searched out the QSL 40 circuit. essentially the same circuit as my breadboard rig anyway. Probably also a fred Sutter design (1943 ARRL Handbook) but the writed/designer is not identified in the handbook. he does however mention you can run as much as 450 volts on the 6l6C plate and draw under full load s high as 80ma.
(50ma no load in resonance) So if you can do that with a 6l6C the 6550 can go a lot more it appears.
Speaking of big tubes. beam power ones specifically a friend came into batch of known good 813 pulls and wanted to know could I use one. I had jokingly one time mentioned an 813 final longfellow. so now I am thinking a 6550/813 long fellow. I have a ceramic 813 socket, a 813 parasitic suppressor /plate cap. Several ceramic door knob caps . A multi;ganged transmitting cap with wide spacing and a microwave oven transformer. If the 813 actually comes I think it will happen. I have started a parts box as I dig thru my stuff.
donVe3LYX
going on 3562 in a few minutes this morning.

14848. RE: AWA '29er Net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-26 12:33:35 UTC
From: w1zb@...
Topic: 14836 Message: 14848

Hi Bill,
I'd like to also try checking into the 29'er net with my TNT running 20W. I can always hear you Q5 on both 80M and 40M during the BK 29 event. Hopefully more will follow.
73 Jerry W1ZB

14849. Re: [AWA Group] RE: AWA '29er Net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-26 13:30:40 UTC
From: Bill Stewart
Topic: 14836 Message: 14849

Great Jerry. You had good sigs on 80 & 40 as well with ten watts...
20w will be a smidgen better....stay tuned as we work on the final details.
Feel free to join in with suggestions/comments.
73 de Bill K4JYS

----- Original Message -----

From: "w1zb@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, December 26, 2016 7:33:35 AM
Subject: [AWA Group] RE: AWA '29er Net

Hi Bill,
I'd like to also try checking into the 29'er net with my TNT running 20W. I can always hear you Q5 on both 80M and 40M during the BK 29 event. Hopefully more will follow.
73 Jerry W1ZB

14850. Re: 1935-ish homebrew superhet (photos attached)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-26 14:57:01 UTC
From: Larry Szendrei
Topic: 14443 Message: 14850
Attachments: 3 described; binary payloads are missing from this source WARC

All,

About a month ago I posted a description and some preliminary images of a superhet I was building using circuits, tubes, and other parts (mostly) that were around in the early-mid 1930s.

At this point, the set is complete except for a front panel, and I have wound coils that provide coverage of 160M, 80M, 40M, and 20M.

I am very happy with the way this set is working, and have been using it for nearly all my AM QSOs for the past few weeks. It also works on CW and SSB, of course, but the design's selectivity and tuning rate aren't optimized for those modes. (If there was room on the chassis for one more tube I'd add a cathode follower off the 1st IF xfmr to drive a 455 KHz Softrock!) Again, the tube lineup is 57 mixer, 56 local oscillator, 58 1st IF, 58 2nd IF, 2B7 2nd detector/AVC/1st audio, 56 phase inverter, pair of 59s PP class A audio output, 80 rectifier, 24A BFO using a dynatron circuit. It was a cool nostalgic project for this time of year. I hope to set it up in the shack for day-to-day use, but am having trouble deciding what to move out to make room for it - too much stuff, however I love it all!

I've include a few low-res photos; hi-res versions of these can be found here (for a while):

https://dl.dropboxusercontent.com/u/69963783/NE1S_hbrew_super_1.jpg

https://dl.dropboxusercontent.com/u/69963783/NE1S_hbrew_super_2.jpg

https://dl.dropboxusercontent.com/u/69963783/NE1S_hbrew_super_3.jpg

Between the the time I had sent out the fist images and these, I lost the original power transformer - it developed a short in one of the windings - so I replaced it with one that was functionally equivalent. The replacement takes up less space on the chassis, and a piece of aluminum sheet was used to cover up the rest of the hole that was there to accommodate the original transformer.

I am still seeking the escutcheon that matches the #1284 Pilot drum dial (see previous posts).

73, and I hope you found this post interesting.

-Larry/NE1S

14851. RE: [AWA Group] Re: 1935-ish homebrew superhet (photos attached) [3 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-26 15:08:11 UTC
From: Mike Feher
Topic: 14443 Message: 14851

Excellent job Larry. Not too many can claim that they are using a home brew receiver of this caliber in this modern age. I wish I would have kept the HBR-16 that I built prior to leaving for college in ‘65. Hope you and the family had a great Christmas along with everyone else on here. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Monday, December 26, 2016 9:57 AM
To: Glowbugs; AWAGroup@yahoogroups.com
Cc: AWA Reflector
Subject: [AWA Group] Re: 1935-ish homebrew superhet (photos attached) [3 Attachments]

All,

About a month ago I posted a description and some preliminary images of a superhet I was building using circuits, tubes, and other parts (mostly) that were around in the early-mid 1930s.

At this point, the set is complete except for a front panel, and I have wound coils that provide coverage of 160M, 80M, 40M, and 20M.

I am very happy with the way this set is working, and have been using it for nearly all my AM QSOs for the past few weeks. It also works on CW and SSB, of course, but the design's selectivity and tuning rate aren't optimized for those modes. (If there was room on the chassis for one more tube I'd add a cathode follower off the 1st IF xfmr to drive a 455 KHz Softrock!) Again, the tube lineup is 57 mixer, 56 local oscillator, 58 1st IF, 58 2nd IF, 2B7 2nd detector/AVC/1st audio, 56 phase inverter, pair of 59s PP class A audio output, 80 rectifier, 24A BFO using a dynatron circuit. It was a cool nostalgic project for this time of year. I hope to set it up in the shack for day-to-day use, but am having trouble deciding what to move out to make room for it - too much stuff, however I love it all!

I've include a few low-res photos; hi-res versions of these can be found here (for a while):

https://dl.dropboxusercontent.com/u/69963783/NE1S_hbrew_super_1.jpg

https://dl.dropboxusercontent.com/u/69963783/NE1S_hbrew_super_2.jpg

https://dl.dropboxusercontent.com/u/69963783/NE1S_hbrew_super_3.jpg

Between the the time I had sent out the fist images and these, I lost the original power transformer - it developed a short in one of the windings - so I replaced it with one that was functionally equivalent. The replacement takes up less space on the chassis, and a piece of aluminum sheet was used to cover up the rest of the hole that was there to accommodate the original transformer.

I am still seeking the escutcheon that matches the #1284 Pilot drum dial (see previous posts).

73, and I hope you found this post interesting.

-Larry/NE1S

14852. Re: [AWA] RE: [AWA Group] Re: 1935-ish homebrew superhet (photos attached)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-26 15:23:47 UTC
From: Larry Szendrei
Topic: 14443 Message: 14852

On 12/26/16 10:08 AM, 'Mike Feher' n4fs@...
[antiquewirelessassociation] wrote:
>
> Excellent job Larry. Not too many can claim that they are using a home
> brew receiver of this caliber in this modern age. I wish I would have
> kept the HBR-16 that I built prior to leaving for college in ‘65. Hope
> you and the family had a great Christmas along with everyone else on
> here. 73 – Mike
>
> Mike B. Feher, N4FS
>
>
Thanks, Mike. FB on the HBR-16. I had built a couple of superhets when I was in high school, but none before now deserving the description of "communications receiver."

We did have a good Christmas; my brother's family was here, as well as one of our three boys - the one that still lives close enough to come visit occasionally. But I stayed up well past my bedtime - my son is a night nurse so he is on a different schedule. I didn't get to bed until after midnight. I can't remember the last time I stayed up that late, or the last time I slept until 8AM, which I did this morning!*
*
I also hope you and everyone else on here had a great Christmas, or whatever holiday each celebrates.*
*
CU on the AWA topband net tonight (all are welcome: 1945 KHz LSB 8PM Eastern).

73,
-Larry/NE1S*
*

14853. Re: [AWA] RE: [AWA Group] Re: 1935-ish homebrew superhet (photos attached)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-26 15:33:53 UTC
From: William Kirk
Topic: 14443 Message: 14853

Very nice job Larry!! I was wondering if anyone had noticed the Hull superhet. But it had already been built. Very nice! 73 Jim kk4gfr

On Mon, Dec 26, 2016 at 9:23 AM, Larry Szendrei ne1s@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> On 12/26/16 10:08 AM, 'Mike Feher' n4fs@eozinc.com
> [antiquewirelessassociation] wrote:
>
>
>
> Excellent job Larry. Not too many can claim that they are using a home
> brew receiver of this caliber in this modern age. I wish I would have kept
> the HBR-16 that I built prior to leaving for college in ‘65. Hope you and
> the family had a great Christmas along with everyone else on here. 73 –
> Mike
>
>
>
> Mike B. Feher, N4FS
>
> Thanks, Mike. FB on the HBR-16. I had built a couple of superhets when I
> was in high school, but none before now deserving the description of
> "communications receiver."
>
> We did have a good Christmas; my brother's family was here, as well as one
> of our three boys - the one that still lives close enough to come visit
> occasionally. But I stayed up well past my bedtime - my son is a night
> nurse so he is on a different schedule. I didn't get to bed until after
> midnight. I can't remember the last time I stayed up that late, or the last
> time I slept until 8AM, which I did this morning!
>
> I also hope you and everyone else on here had a great Christmas, or
> whatever holiday each celebrates.
>
> CU on the AWA topband net tonight (all are welcome: 1945 KHz LSB 8PM
> Eastern).
>
> 73,
> -Larry/NE1S
>
>

>

14854. Re: [AWA] RE: [AWA Group] Re: 1935-ish homebrew superhet (photos attached)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-26 15:45:57 UTC
From: Larry Szendrei
Topic: 14443 Message: 14854

On 12/26/16 10:33 AM, William Kirk kk4gfr@... [AWAGroup] wrote:
> Very nice job Larry!! I was wondering if anyone had noticed the Hull
> superhet. But it had already been built. Very nice! 73 Jim kk4gfr
Thanks, Jim!

What's this about a Hull superhet?

14855. Re: [AWA] RE: [AWA Group] Re: 1935-ish homebrew superhet (photos attached)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-26 15:58:43 UTC
From: William Kirk
Topic: 14443 Message: 14855

Hello Larry, Just google "Ross Hull Superhet". There are some beautiful copies of that receiver. I guess the original article is March 29, QST. I see that your receiver may be a few years later, but a very fine example of an early superhet! 73 Jim kk4gfr

On Mon, Dec 26, 2016 at 9:45 AM, Larry Szendrei ne1s@... [AWAGroup] <AWAGroup@yahoogroups.com> wrote:

>
>
> On 12/26/16 10:33 AM, William Kirk kk4gfr@... [AWAGroup] wrote:
>
>
> Very nice job Larry!! I was wondering if anyone had noticed the Hull
> superhet. But it had already been built. Very nice! 73 Jim kk4gfr
>
> Thanks, Jim!
>
> What's this about a Hull superhet?
>
>
>

14856. Re: [AWA Group] Re: 1935-ish homebrew superhet (photos attached) [3 Attachments]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-26 16:03:17 UTC
From: Bill Stewart
Topic: 14443 Message: 14856

Beautiful job, Larry....another artist in our midst.
All the best for 2017.
73 de Bill K4JYS

----- Original Message -----

From: "Larry Szendrei ne1s@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "Glowbugs" <tetrode@...>, AWAGroup@yahoogroups.com
Cc: "AWA Reflector" <antiquewirelessassociation@yahoogroups.com>
Sent: Monday, December 26, 2016 9:57:01 AM
Subject: [AWA Group] Re: 1935-ish homebrew superhet (photos attached) [3 Attachments]

All,

About a month ago I posted a description and some preliminary images of
a superhet I was building using circuits, tubes, and other parts
(mostly) that were around in the early-mid 1930s.

At this point, the set is complete except for a front panel, and I have
wound coils that provide coverage of 160M, 80M, 40M, and 20M.

I am very happy with the way this set is working, and have been using it
for nearly all my AM QSOs for the past few weeks. It also works on CW
and SSB, of course, but the design's selectivity and tuning rate aren't
optimized for those modes. (If there was room on the chassis for one
more tube I'd add a cathode follower off the 1st IF xfmr to drive a 455
KHz Softrock!) Again, the tube lineup is 57 mixer, 56 local oscillator,
58 1st IF, 58 2nd IF, 2B7 2nd detector/AVC/1st audio, 56 phase inverter,
pair of 59s PP class A audio output, 80 rectifier, 24A BFO using a
dynatron circuit. It was a cool nostalgic project for this time of year.
I hope to set it up in the shack for day-to-day use, but am having
trouble deciding what to move out to make room for it - too much stuff,
however I love it all!

I've include a few low-res photos; hi-res versions of these can be found
here (for a while):

https://dl.dropboxusercontent.com/u/69963783/NE1S_hbrew_super_1.jpg

https://dl.dropboxusercontent.com/u/69963783/NE1S_hbrew_super_2.jpg

https://dl.dropboxusercontent.com/u/69963783/NE1S_hbrew_super_3.jpg

Between the the time I had sent out the fist images and these, I lost
the original power transformer - it developed a short in one of the
windings - so I replaced it with one that was functionally equivalent.

The replacement takes up less space on the chassis, and a piece of aluminum sheet was used to cover up the rest of the hole that was there to accommodate the original transformer.

I am still seeking the escutcheon that matches the #1284 Pilot drum dial (see previous posts).

73, and I hope you found this post interesting.

-Larry/NE1S

14857. Re: [AWA Group] Re: 1935-ish homebrew superhet (photos attached)

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-26 18:16:49 UTC
From: Roger Kuchera
Topic: 14443 Message: 14857
Attachments: 1 described; binary payloads are missing from this source WARC

Howdy Larry, Nice job on the Super. Here is a shot of my mid-30's Super.
Roger/K1TG

On Monday, December 26, 2016 11:03 AM, "Bill Stewart cwopr@... [AWAGroup]" <AWAGroup@...m> wrote:

14858. Re: [AWA Group] Re: 1935-ish homebrew superhet (photos attached) [1 Attachment]

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-26 18:38:07 UTC
From: Larry Szendrei
Topic: 14443 Message: 14858

On 12/26/16 1:16 PM, Roger Kuchera rwkuchera@... [AWAGroup] wrote:
> Howdy Larry,
> Nice job on the Super. Here is a shot of my mid-30's Super.
>
> Roger/K1TG

Absolutely gorgeous, Roger. I'm not worthy! :-)

73 es HNY,
-Larry/NE1S

14859. Re: The QSL 40 et al

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-26 19:15:11 UTC
From: JAMES HANLON
Topic: 14842 Message: 14859

Don,

Just looked in the Central Electronics 100 V manual, and the HV power supply for the 6550s runs them at 600 volts.

Jim, W8KGI

14860. Re: The QSL 40 et al

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-26 21:33:28 UTC
From: dulmagedon@...
Topic: 14842 Message: 14860

And I have a 600 volt supply but it is a dedidicated supply for my no 19 WS. And it has 12 v DC heater supply.
I just rebuilt it a week ago to see if I could get rid of the hum. I did. So I just run the 6550 on its current supply. Power out is very good.
I just had a 813 donated to the cause. I found my 813 ceramic socket and my doorknob caps. A huge coil form and a NOS microwave transformer. Maybe a 6550/813 long fellow. Gonna need bigger wooden slats.
Spent the morning working on the TCS Collins station. Was on 80M AM for a bit with good reports. Fixing the RX was brutal. Still needs a bit but works pretty good. Never had it on 160M yet as a station. Takes a while to figure out the tune and log it on the tune sheet. Will be listening tonight though while I am working.
Nice Superhets , both of U.
DonVe3LYX

14861. Re: Commemorative BK-Type On-Air Event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-27 11:02:27 UTC
From: dulmagedon@...
Topic: 14819 Message: 14861

I was on a bit last night. 3563kcs. There is a net out of Michigan using it in the evenings. Might still be OK but perhaps there is a better freq.
donVe3LYX
Heard the 160M group on the TCS station last night. Very strong sigs here.

14862. Re: [AWA Group] Re: Commemorative BK-Type On-Air Event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-27 14:10:19 UTC
From: Bill Stewart
Topic: 14819 Message: 14862

What time were you listening Don?
Bill

----- Original Message -----

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, December 27, 2016 6:02:27 AM
Subject: [AWA Group] Re: Commemorative BK-Type On-Air Event

I was on a bit last night. 3563kcs. There is a net out of Michigan using it in the evenings. Might still be OK but perhaps there is a better freq.
donVe3LYX
Heard the 160M group on the TCS station last night. Very strong sigs here.

14863. Re: [AWA Group] Re: Commemorative BK-Type On-Air Event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-27 16:06:25 UTC
From: Niel - W0VLZ
Topic: 14819 Message: 14863

Take a look at http://www.bandplans.com/index.php?band=80 Will need to work around some of the traffic nets.

Niel - W0VLZ
http://w0vlz.blogspot.com/

Bill Stewart cwopr@... [AWAGroup] wrote:
> What time were you listening Don?
> Bill
>
> ---
> *From: *"dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
> *To: *AWAGroup@yahoogroups.com
> *Sent: *Tuesday, December 27, 2016 6:02:27 AM
> *Subject: *[AWA Group] Re: Commemorative BK-Type On-Air Event
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> I was on a bit last night. 3563kcs. There is a net out of Michigan
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> better freq.
> donVe3LYX
> Heard the 160M group on the TCS station last night. Very strong sigs
> here.
>
>
>

14864. AWA '29er Net Procedures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-27 19:13:37 UTC
From: Bill Stewart
Topic: 14864 Message: 14864

Good Afternoon All,
Here is a simple procedure that maybe we can follow for the net...
just to keep things from getting jumbled up.There are now Q-signals
for net use if anyone wants them to be used. I have been over this in
numerous 'faux' net sessions and seems to be pretty smooth. Everyone
please go over this and see how it works for you. I expect we will be
passing the NCS duties around some. This is just a rough draft and I'm
sure every situation is not covered....so wing it...we are all among friends.
Any comments, changes, etc will be most welcome.
73 de Bill K4JYS

Net Control Station Procedure (NCS....in bold):

First make call to see if freq. is busy
QRL? pause and listen QRL? pause and listen
If clear call up Net

CQ AWA CQ AWA 29er Net de N4NCS NCS
CQ AWA CQ AWA 29er Net de N4NCS NCS
All stations are welcome BT
Check ins please (or Ck Ins Pse) K

Stations check in and NCS keeps list, in order of check in
(Acknowledge check ins)
VE3--- W1--- KB1--- .....WB3 --- de N4NCS Pse QRX
CQ AWA CQ AWA 29er Net de N4NCS NCS
Check ins please (or Ck Ins Pse) K

Any QSP? (relay) K
Any station can relay a check in not heard by NCS
Pick up & acknowledge relayed check ins...if none, go ahead with net

AWA 29er Net de N4NCS NCS BT
GE all and tnx for cking in, welcome...with a few short comments, stn info, etc
BT
Here is the order VE3--- to W1--- to KB1---to........to WB3.... (last stn in
the order turns it back to NCS)
(order of transmissions same as check in order)
BT
Go ahead (Call or Name if known) Joe and start it off (...or something similar)
VE3--- de N4NCS K
Stations comments: please include your sig rpts, station info, etc
Last station in the order return it to NCS

WB3--- (last station in order) de N4NCS
R Pse QRX
After each complete round, make a call for additional check ins

AWA 29er Net de N4NCS NCS
Other ck ins pse K

Any QSP? (relay) K

Add any additional ck ins to end of order
Make additional rounds for comments as needed, with a net call after each complete round

Ending net
AWA 29er Net de N4NCS NCS
Thanks for your ck ins (73, etc with final comments from NCS)
SK
THE AWA 29er Net is now closed de N4NCS CL

NOTE: NCS be sure to listen for the western stations and for QSPs from stations. Might be a good idea to ask a MN, WI, IL, etc station to make a net call in case there is a station from the west trying to check in. Also NCS and all stations should always tune off net freq for off-freq stations.

14865. Re: [AWA Group] Re: Commemorative BK-Type On-Air Event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-27 19:17:28 UTC
From: dulmagedon@...
Topic: 14819 Message: 14865

Between 7 and 8 pm EST
don

14866. Re: [AWA Group] Re: Commemorative BK-Type On-Air Event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-27 19:19:31 UTC
From: Bill Stewart
Topic: 14819 Message: 14866

Tnx Niel, but couldn't get much out of that site. Do you see any thing listed for say 3560 to 3565kc? Tentative time frame from 8-9PM EST.
Bill

----- Original Message -----

From: "Niel - W0VLZ w0vlz@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, December 27, 2016 11:06:25 AM
Subject: Re: [AWA Group] Re: Commemorative BK-Type On-Air Event

Take a look at http://www.bandplans.com/index.php?band=80 Will need to work around some of the traffic nets.

Niel - W0VLZ
http://w0vlz.blogspot.com/

Bill Stewart cwopr@... [AWAGroup] wrote:
> What time were you listening Don?
> Bill
>
> ----------
> *From: *"dulmagedon@yahoo.ca [AWAGroup]" <AWAGroup@yahoogroups.com>
> *To: *AWAGroup@yahoogroups.com
> *Sent: *Tuesday, December 27, 2016 6:02:27 AM
> *Subject: *[AWA Group] Re: Commemorative BK-Type On-Air Event
>
> I was on a bit last night. 3563kcs. There is a net out of Michigan
> using it in the evenings. Might still be OK but perhaps there is a
> better freq.
> donVe3LYX
> Heard the 160M group on the TCS station last night. Very strong sigs
> here.
>
>
>

14867. Re: [AWA Group] Re: Commemorative BK-Type On-Air Event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-27 19:24:51 UTC
From: Bill Stewart
Topic: 14819 Message: 14867

Thought we were thinking 8-9PM EST. I listened last nite thru the
WebSDR rcvr at K2SDR in NJ.
Heard nothing or saw nothing on the waterfall display on 3562kc at
8:30PM. I'll do some more listening tonight.
Bill
----- Original Message -----

From: "dulmagedon@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, December 27, 2016 2:17:28 PM
Subject: Re: [AWA Group] Re: Commemorative BK-Type On-Air Event

Between 7 and 8 pm EST
don

14868. Re: [AWA Group] Re: Commemorative BK-Type On-Air Event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-27 19:24:01 UTC
From: mbdittmar@...
Topic: 14819 Message: 14868

3564 kc looks clear based on this listing. I keep forgetting to listen around 6 pm to see how it sounds here in CO.

----- Original Message -----

From: "Bill Stewart cwopr@... [AWAGroup]" <AWAGroup@...m>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, December 27, 2016 12:19:31 PM
Subject: Re: [AWA Group] Re: Commemorative BK-Type On-Air Event

Tnx Niel, but couldn't get much out of that site. Do you see any thing listed for say 3560 to 3565kc? Tentative time frame from 8-9PM EST.
Bill

----- Original Message -----

From: "Niel - W0VLZ w0vlz@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, December 27, 2016 11:06:25 AM
Subject: Re: [AWA Group] Re: Commemorative BK-Type On-Air Event

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>
> ----------
> *From: *"dulmagedon@yahoo.ca [AWAGroup]" <AWAGroup@yahoogroups.com>
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> Heard the 160M group on the TCS station last night. Very strong sigs
> here.
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>
>

14869. Re: [AWA Group] Re: Commemorative BK-Type On-Air Event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-27 19:31:28 UTC
From: Bill Stewart
Topic: 14819 Message: 14869

Tnx Mark...sure hope you can hear us and we hear you. Probably a bit later would
be better for you, but some of us ole folks hit the hay early.....hi.
Bill

----- Original Message -----

From: "mbdittmar@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, December 27, 2016 2:24:01 PM
Subject: Re: [AWA Group] Re: Commemorative BK-Type On-Air Event

3564 kc looks clear based on this listing. I keep forgetting to listen around 6 pm to see
how it sounds here in CO.

----- Original Message -----

From: "Bill Stewart cwopr@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, December 27, 2016 12:19:31 PM
Subject: Re: [AWA Group] Re: Commemorative BK-Type On-Air Event

Tnx Niel, but couldn't get much out of that site. Do you see any thing
listed for say 3560 to 3565kc? Tentative time frame from 8-9PM EST.
Bill

----- Original Message -----

From: "Niel - W0VLZ w0vlz@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, December 27, 2016 11:06:25 AM
Subject: Re: [AWA Group] Re: Commemorative BK-Type On-Air Event

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> better freq.
> donVe3LYX
> Heard the 160M group on the TCS station last night. Very strong sigs
> here.
>
>
>

14870. Re: AWA '29er Net Procedures

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-27 19:40:51 UTC
From: dulmagedon@...
Topic: 14864 Message: 14870

Looks good. He (Mich Net guy) does not reply to QRL or CQ. Just pops his carrier on for a second randomly or sends T E S T but sends it like NST. I have learned that if I sign QRT he jumps in and goes. I would not purposely stand in his way though so if he gave me a hinweiss it would sure help. If he replied or answered I would be out of his hair and gone but I guess he doesn't know that.
donVe3LYX

14871. 813 Crystal Oscillator

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-27 19:58:57 UTC
From: JAMES HANLON
Topic: 14871 Message: 14871

Don,

The RCA ad on the back cover of QST for March, 1939 features a circuit using the 813 as a Reinartz tetrode crystal oscillator, along with all of the component descriptions. They use a 1500 volt power supply and 80 and 40 meter crystals. They claim 150 watts output in CW service and 100 watts carrier output with 60% efficiency in AM phone service, 100% modulated.

Just a thought,

Jim, W8KGI

14872. Re: [AWA Group] Re: Commemorative BK-Type On-Air Event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-27 20:04:52 UTC
From: mbdittmar@...
Topic: 14819 Message: 14872

Well, its worth a shot. I must have missed your intended day of week somewhere. I'm just getting home from work during the week around this time anyway so I would be a late checkin :-)

Hope you can get a good amount of participation for this net. Probably if there are fewer than six on you could just go to an informal roundtable like the old glowbugs group. I've been eyeballing my 80 m 1929 MOPA (twin 27 Hartley to 865 amp) trying to figure out where I can fit it in !

73 !
Mark AB0CW
----- Original Message -----

From: "Bill Stewart cwopr@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, December 27, 2016 12:31:28 PM
Subject: Re: [AWA Group] Re: Commemorative BK-Type On-Air Event

Tnx Mark...sure hope you can hear us and we hear you. Probably a bit later would
be better for you, but some of us ole folks hit the hay early.....hi.
Bill

----- Original Message -----

From: "mbdittmar@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, December 27, 2016 2:24:01 PM
Subject: Re: [AWA Group] Re: Commemorative BK-Type On-Air Event

3564 kc looks clear based on this listing. I keep forgetting to listen around 6 pm to see how it sounds here in CO.

----- Original Message -----

From: "Bill Stewart cwopr@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, December 27, 2016 12:19:31 PM
Subject: Re: [AWA Group] Re: Commemorative BK-Type On-Air Event

Tnx Niel, but couldn't get much out of that site. Do you see any thing
listed for say 3560 to 3565kc? Tentative time frame from 8-9PM EST.
Bill

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>
>

14873. Re: [AWA Group] Re: Commemorative BK-Type On-Air Event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-27 21:05:41 UTC
From: Bill Stewart
Topic: 14819 Message: 14873

Hi Mark,
You haven't missed the night...haven't picked one yet. But know that
Wed and Sun are out. Yeah, its gonna be sorta of a directed round table..,
it just goes from one op to another, back to the NCS and back around
again....until we all get tired or get run off by another net...hi.
Bill

----- Original Message -----

From: "mbdittmar@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, December 27, 2016 3:04:52 PM
Subject: Re: [AWA Group] Re: Commemorative BK-Type On-Air Event

Well, its worth a shot. I must have missed your intended day of week somewhere. I'm just getting home from work during the week around this time anyway so I would be a late checkin :-)

Hope you can get a good amount of participation for this net. Probably if there are fewer than six on you could just go to an informal roundtable like the old glowbugs group. I've been eyeballing my 80 m 1929 MOPA (twin 27 Hartley to 865 amp) trying to figure out where I can fit it in !

73 !

Mark AB0CW
----- Original Message -----

From: "Bill Stewart cwopr@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, December 27, 2016 12:31:28 PM
Subject: Re: [AWA Group] Re: Commemorative BK-Type On-Air Event

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> better freq.
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> Heard the 160M group on the TCS station last night. Very strong sigs
> here.
>
>
>

14874. RE: AWA '29er Net - Updated Interest List

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-27 21:13:22 UTC
From: Bill Stewart
Topic: 14874 Message: 14874

Here is a updated list of interested parties:
VE3LYX, WA6VYN, AB0CW, KK4GFR, K4JYS,
KB0ROB, W1ZB . Any others?

Bill K4JYS

14875. Re: 813 Crystal Oscillator

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-27 21:32:18 UTC
From: dulmagedon@...
Topic: 14871 Message: 14875

Works for me! I may have that issue. i will check. Interesting today I did some tests with the 6l6eh against the 6550. The 6l6eh has no trouble with the voltage I am currently using and keys well and sounded good on the monitor but power out is around 60% of with the 6550 if meters in shack are to be believed. Tuning between the two tubes is quite different because I believe of the difference in the tube's natural C. Anyway god my parts out on the corner of the bench . Gotta figure out the microwave transformers winding. Probably will feed them with a 6.3 v transformer and do the math.
donVe3LYX

14876. Re: Commemorative BK-Type On-Air Event

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-27 23:13:41 UTC
From: Louis Vermond
Topic: 14819 Message: 14876

Do you see any thing listed for say 3560 to 3565kc?

How about above 3600kc so we do not have to dodge QRM? It is a near wasteland. Lou

---
This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14877. Re: [AWA Group] RE: AWA '29er Net - Updated Interest List

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-27 22:59:49 UTC
From: Louis Vermond
Topic: 14874 Message: 14877

Any others? VE3AWA

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14878. RE: AWA '29er Net - Night for Net & Freq

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-28 01:45:35 UTC
From: Bill Stewart
Topic: 14878 Message: 14878

Guess we might as well pick a night and freq.
At the moment, Wed and Sun nights are out. And am thinking that Sat might have QRM from some type of contest...which may not be so if we go around 3.6....so maybe we can pick
Mon, Tue, Thur, Fri, (Sat?)....any preferences?

As for freq....around 3562 had a weak net start up at 8PM. Lou, you are right, not much going on (from 8 to now...around 8:45PM) from around 3598 to well above 3610. I am basing this on reception from a Web SDR rx in NJ. Can anyone else give activity reports for this freq range? Do ya think we oughta hang close to 3.6....
Wat sa on this Lou? Pick the sweet spot.
Bill K4JYS

14879. Re: [AWA Group] RE: AWA '29er Net - Night for Net & Freq

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-28 13:46:38 UTC
From: Louis Vermond
Topic: 14878 Message: 14879

GM Bill and all,

As for freq....around 3562 had a weak net start up at 8PM. Lou,
you are right, not much going on (from 8 to now...around 8:45PM)
from around 3598 to well above 3610. I am basing this on reception
from a Web SDR rx in NJ. Can anyone else give activity reports for this
freq range? Do ya think we oughta hang close to 3.6....
Wat sa on this Lou? Pick the sweet spot.
Bill K4JYS

OK, how's this? 8PM Tuesday on 3615kc. If QRM, NC QSYs down.

Now, what is the official WPM of the net? For OM Cro's benefit, under 80.

73, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14880. AWA '29er Net - Night for Net & Freq

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-28 14:09:11 UTC
From: Louis Vermond
Topic: 14878 Message: 14880

8PM Tuesday on 3615kc. If QRM, NC QSYs down. On second thought, a 9 or 9:30 PM net would be better to work our Western Brothers. Yet, I'm sure this point has been discussed.

Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14881. Re: [AWA Group] AWA '29er Net - Night for Net & Freq

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-28 14:34:26 UTC
From: Bill Stewart
Topic: 14878 Message: 14881

The time....8-9PM EST has been the time sorta zeroed in on,
during the discussion, but guess there's no big reason not to
move it up a tad. I haven't done any freq cking after 9PM.
How abt a compromise at 8:30PM EST and we can see if
the western guys can make it in around 9PM or so. We can
make adjustments as we get experience.

Comments anyone?
Bill

----- Original Message -----

From: "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Sent: Wednesday, December 28, 2016 9:09:11 AM
Subject: [AWA Group] AWA '29er Net - Night for Net & Freq

8PM Tuesday on 3615kc. If QRM, NC QSYs down. On second thought, a 9 or 9:30 PM net would be better to work our Western Brothers. Yet, I'm sure this point has been discussed.

Lou

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14882. Re: [AWA Group] AWA '29er Net - Night for Net & Freq

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-28 18:37:39 UTC
From: dgparker2@...
Topic: 14878 Message: 14882

Hello Bill!

I've been on the Bruce Kelley QSO Party, and the others since 2009, but I'm rather new to this list, so I've been reading a while before commenting, ha!

Thanks for getting this going! I think it's great -

Later in the evening, on a weeknight, sounds good to me. 8 PM or later, Monday or Thursday?

The only thing about 3600 or above, is that rules out those of us who are not Extra Class Hams.

I'm an old Advanced, and reluctant to give that up - I'm been thinking about it for 20 years or so...

TNX & 73,

Dave WB9WHG

14883. Re: [AWA Group] AWA '29er Net - Night for Net & Freq

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-28 19:28:07 UTC
From: Bill Stewart
Topic: 14878 Message: 14883

Tnx Dave for pointing that out.
I'm sure we can find a freq. below 3.6...mo later.
Bill

----- Original Message -----

From: "dgparker2@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, December 28, 2016 1:37:39 PM
Subject: Re: [AWA Group] AWA '29er Net - Night for Net & Freq

Hello Bill!

I've been on the Bruce Kelley QSO Party, and the others since 2009, but I'm rather new to this list, so I've been reading a while before commenting, ha!

Thanks for getting this going! I think it's great -

Later in the evening, on a weeknight, sounds good to me. 8 PM or later, Monday or Thursday?

The only thing about 3600 or above, is that rules out those of us who are not Extra Class Hams.

I'm an old Advanced, and reluctant to give that up - I'm been thinking about it for 20 years or so...

TNX & 73,

Dave WB9WHG

14884. AWA '29er Net - Night for Net & Freq .. es Dave WB9WHG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-28 20:19:06 UTC
From: Louis Vermond
Topic: 14884 Message: 14884

The only thing about 3600 or above, is that rules out those of us who are not Extra Class Hams. Not even CW?

8 PM or later, Monday or Thursday? Don't forget there is the AWA 160 Net Monday nite at 8PM.

Lou

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https://www.avast.com/antivirus

14885. Re: [AWA Group] AWA '29er Net - Night for Net & Freq .. es Dave WB9WHG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-28 21:09:07 UTC
From: Larry Szendrei
Topic: 14884 Message: 14885

On 12/28/16 3:19 PM, 'Louis Vermond' ve3awa@... [AWAGroup] wrote:
>
> □
>
> Don't forget there is the AWA 160 Net Monday nite at 8PM.
Thanks, Lou!

And the MSN Wed. nites.

I've been keeping out of the discussion because after the AWA PM AM net
Sundays, the AWA Topband Net Mondays, the Grey Hair Net Tuesdays, and
the MSN Wednesdays, I'm pretty much netted out!

73,
-Larry/NE1S

14886. Lou! And the MSN Wed. nites.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-28 22:09:26 UTC
From: Louis Vermond
Topic: 14886 Message: 14886
Attachments: 1 described; binary payloads are missing from this source WARC

Maple Syrup Net Tonight!

8PM 3843kc. All Modes -- including '29ers

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14887. Re: [AWA Group] AWA '29er Net - Night for Net & Freq .. es Dave WB9WHG

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-28 22:12:49 UTC
From: N1BUG
Topic: 14884 Message: 14887

The only thing about 3600 or above, is that rules out those of us who are not Extra Class Hams. Not even CW?

Correct. US Amateur Extra class license holders can operate CW anywhere in the band, 3500-4000.
Advanced, General, and Technician licensees can operate CW 3525-3600, then have no privileges whatsoever until above 3700 for Advanced, above 3800 for General.

73,
Paul

14888. Re: [AWA Group] AWA '29er Net - Night for Net & Freq .. es Bugsy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-28 22:29:16 UTC
From: Louis Vermond
Topic: 14888 Message: 14888
Attachments: 1 described; binary payloads are missing from this source WARC

The only thing about 3600 or above, is that rules out those of us who are not Extra Class Hams. Not even CW?

Correct. US Amateur Extra class license holders can operate CW anywhere in the band, 3500-4000.
Advanced, General, and Technician licensees can operate CW 3525-3600, then have no privileges whatsoever until above 3700 for Advanced, above 3800 for General.

You would think...

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14889. Re: [AWA Group] AWA '29er Net - Night for Net & Freq .. es Bugsy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-28 23:12:40 UTC
From: Roger Kuchera
Topic: 14888 Message: 14889

I believe that would be a wood cut of the infamous Draft Riots at NYC in 1863.
Roger/K1TG

On Wednesday, December 28, 2016 5:29 PM, "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv9788212411 #yiv9788212411 .yiv9788212411ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv9788212411 div.yiv9788212411ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv9788212411 div.yiv9788212411photo-title a, #yiv9788212411 div.yiv9788212411photo-title a:active, #yiv9788212411 div.yiv9788212411photo-title a:hover, #yiv9788212411 div.yiv9788212411photo-title a:visited {text-decoration:none;}#yiv9788212411 div.yiv9788212411attach-table div.yiv9788212411attach-row {clear:both;}#yiv9788212411 div.yiv9788212411attach-table div.yiv9788212411attach-row div {float:left;}#yiv9788212411 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv9788212411 div.yiv9788212411ygrp-file {width:30px;}#yiv9788212411 div.yiv9788212411attach-table div.yiv9788212411attach-row div div a {text-decoration:none;}#yiv9788212411 div.yiv9788212411attach-table div.yiv9788212411attach-row div div span {font-weight:normal;}#yiv9788212411 div.yiv9788212411ygrp-file-title {font-weight:bold;}#yiv9788212411 --> ☐

The only thing about 3600 or above, is that rules out those of us who are not Extra Class Hams. Not even CW?
Correct. US Amateur Extra class license holders can operate CW anywhere in the band, 3500-4000.
Advanced, General, and Technician licensees can operate CW 3525-3600, then have no privileges whatsoever until above 3700 for Advanced, above 3800 for General.

You would think...

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14890. Re: [AWA Group] AWA '29er Net - Night for Net & Freq .. es Bugsy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-28 23:18:59 UTC
From: Louis Vermond
Topic: 14888 Message: 14890

Yes. Note anti-Irish aspect.

----- Original Message -----
From: Roger Kuchera rwkuchera@... [AWAGroup]
To: AWAGroup@yahoogroups.com
Sent: 2016-12-28 6:12 PM
Subject: Re: [AWA Group] AWA '29er Net - Night for Net & Freq .. es Bugsy

I believe that would be a wood cut of the infamous Draft Riots at NYC in 1863.

Roger/K1TG

On Wednesday, December 28, 2016 5:29 PM, "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

☐

The only thing about 3600 or above, is that rules out those of us who are not Extra Class Hams. Not even CW?

Correct. US Amateur Extra class license holders can operate CW anywhere in the band, 3500-4000.
Advanced, General, and Technician licensees can operate CW 3525-3600, then have no privileges whatsoever until above 3700 for Advanced, above 3800 for General.

You would think...

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https://www.avast.com/antivirus

14891. Re: [AWA Group] AWA '29er Net - Night for Net & Freq .. es Bugsy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-28 23:27:50 UTC
From: Roger Kuchera
Topic: 14888 Message: 14891

Don't get me wrong, I have no ill will toward the Irish. It's all history and I am a WTR buff asyou know.
R.

On Wednesday, December 28, 2016 6:19 PM, "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv9640348601 #yiv9640348601 -- #yiv9640348601 .yiv9640348601ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv9640348601 div.yiv9640348601ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv9640348601 div.yiv9640348601photo-title a, #yiv9640348601 div.yiv9640348601photo-title a:active, #yiv9640348601 div.yiv9640348601photo-title a:hover, #yiv9640348601 div.yiv9640348601photo-title a:visited {text-decoration:none;}#yiv9640348601 div.yiv9640348601attach-table div.yiv9640348601attach-row {clear:both;}#yiv9640348601 div.yiv9640348601attach-table div.yiv9640348601attach-row div {float:left;}#yiv9640348601 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv9640348601 div.yiv9640348601ygrp-file {width:30px;}#yiv9640348601 div.yiv9640348601attach-table div.yiv9640348601attach-row div div a {text-decoration:none;}#yiv9640348601 div.yiv9640348601attach-table div.yiv9640348601attach-row div div span {font-weight:normal;}#yiv9640348601 div.yiv9640348601ygrp-file-title {font-weight:bold;}#yiv9640348601 #yiv9640348601 ☐

Yes. Note anti-Irish aspect.
----- Original Message ----- From: Roger Kuchera rwkuchera@... [AWAGroup] To: AWAGroup@yahoogroups.com Sent: 2016-12-28 6:12 PM Subject: Re: [AWA Group] AWA '29er Net - Night for Net & Freq .. es Bugsy
  I believe that would be a wood cut of the infamous Draft Riots at NYC in 1863.
Roger/K1TG

On Wednesday, December 28, 2016 5:29 PM, "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

☐

The only thing about 3600 or above, is that rules out those of us who are not Extra Class Hams. Not even CW?
Correct. US Amateur Extra class license holders can operate CW anywhere in the band, 3500-4000.
Advanced, General, and Technician licensees can operate CW 3525-3600, then have no privileges whatsoever until above 3700 for Advanced, above 3800 for General.

You would think...

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| | This email has been checked for viruses by Avast antivirus software.
www.avast.com |

14892. Re: [AWA Group] AWA '29er Net - Night for Net & Freq .. es Bugsy

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-28 23:34:41 UTC
From: Louis Vermond
Topic: 14888 Message: 14892
Attachments: 1 described; binary payloads are missing from this source WARC

I have no ill will toward the Irish. Of course, Roger.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14893. New file uploaded to AWAGroup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-29 00:47:57 UTC
From: AWAGroup@yahoogroups.com
Topic: 114 Message: 14893

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the AWAGroup
group.

File : /N8YE's Spark Coil Set ... and how he does it/Spark Coil CW QST Mar., '23 Pge 56.jpg
Uploaded by : ve3awa@... <ve3awa@...>
Description :

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/AWAGroup/files/N8YE%27s%20Spark%20Coil%20Set%20...%20and%20how%20he%20does%20it/Spark%20Coil%20CW%20QST%20Mar.%2C%20%2723%20%20Pge%2056.jpg

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

ve3awa@... <ve3awa@...>

14894. Re: [AWA Group] Lou! And the MSN Wed. nites.

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-29 03:44:12 UTC
From: Don Dulmage
Topic: 14886 Message: 14894

One of my two wed nights I am home all year but I couldn't find anyone.
Did here a 29er down on the Cw portion though.
donVE3LYX

On Wed, 12/28/16, 'Louis Vermond' ve3awa@sympatico.ca [AWAGroup]
<AWAGroup@yahoogroups.com> wrote:

Subject: [AWA Group] Lou! And the MSN Wed. nites.
To: "VE7SL/AWA" <ve7SL@...>, "Robin Ludlow" <ludlow@...>, "Mike FEHER N4FS" <n4fs@...>,
"Louis Vermond" <Ldvermond@...>, "KK7UV/AWA" <kk7uv@...>, "Joe Cro N3IBX" <n3ibx@...>,
"Harry MacLean" <macve3gro@...>, "geo" <guslikokle@...>, "Dusty Robson VE3BHK"
<rjrobson@...>, "David Woodhouse" <david_woodhouse@...>, "Andy K0SM/2" <aflowers@...>,
"NE1S Larry" <ne1s@...>, "Eric NO3M" <no3m@...>
Cc: "AWAGroup" <AWAGroup@yahoogroups.com>
Received: Wednesday, December 28, 2016, 5:09 PM

Maple
Syrup Net
Tonight!

8PM
3843kc. All Modes --
including '29ers

This email has been checked for viruses by Avast
antivirus software.

www.avast.com

14895. And the MSN Wed. nites. es Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-29 06:05:56 UTC
From: Louis Vermond
Topic: 14895 Message: 14895

One of my two wed nights I am home all year but I couldn't find anyone.
Did here a 29er down on the Cw portion though.
donVE3LYX

Condx were rotten. NE1S sigs faded out entirely here. VE3GRO called Larry, cud not hear Harry at all.

Condx past few weeks suggests that a '29er net should begin no later then 7PM.

73, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14896. Re: And the MSN Wed. nites. es Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-29 12:36:59 UTC
From: dulmagedon@...
Topic: 14895 Message: 14896

Jim VE3DCX and I were retesting my 6550 tubed TX and working around his schedule as he had family visits to make. As per usual I did the top of each hour thing starting at 6 PM . on 3564 signals were the best we have ever had between us. Normally I would not be on then. CHU was strong and clear . Didn't think to check WWV . Absolutely no QRM. Another possibility (perhaps) is mornings 80M is always good. I often do 80M AM ops before 830 AM and have for a few years. By 9 it starts to crap out. Coffee and code is always a good combo.
Just for fun last night I whipped up an external BFO on the Collins first If like Jim taught me. It could not work better. Figuring out know how to cable it for switching . May use the original in dead stick mode for an audio filter of sorts. I could read SSB signals so well I could not be sure if they were SSB or AM.
D

14897. Re: [AWA Group] Re: And the MSN Wed. nites. es Don

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-29 15:00:57 UTC
From: Louis Vermond
Topic: 14895 Message: 14897

GM Don and TKS for the band condx rpt. Taking your lead, will listen in on 80 and 40 starting at 4PM. 73, Lou

Jim VE3DCX and I were retesting my 6550 tubed TX and working around his schedule as he had family visits to make. As per usual I did the top of each hour thing starting at 6 PM . on 3564 signals were the best we have ever had between us. Normally I would not be on then. CHU was strong and clear . Didn't think to check WWV . Absolutely no QRM. Another possibility (perhaps) is mornings 80M is always good. I often do 80M AM ops before 830 AM and have for a few years. By 9 it starts to crap out. Coffee and code is always a good combo.
Just for fun last night I whipped up an external BFO on the Collins first If like Jim taught me. It could not work better. Figuring out know how to cable it for switching . May use the original in dead stick mode for an audio filter of sorts. I could read SSB signals so well I could not be sure if they were SSB or AM.
D

This email has been checked for viruses by Avast antivirus software.
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14898. Spark Coil Tube Sets ... how it's done

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-29 15:36:20 UTC
From: Louis Vermond
Topic: 14898 Message: 14898
Attachments: 3 described; binary payloads are missing from this source WARC

For large printable scans of this article, go to Files, "Spark Coil Set".

73, Lou
VE3AWA

a..

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https://www.avast.com/antivirus

14899. Re; AWA 29er Net - First Try

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-29 15:49:25 UTC
From: Bill Stewart
Topic: 14899 Message: 14899

GM All,
First here is a list of all interested parties as of this morning:
WA6VYN AB0CW KK4GFR W1ZB VE3LYX VE3AWA
KB0ROB WB9WHG WT2W K4JYS
Excellent....

It's hard to get the scheduled time and freq to suit all, but this is
a flexible net and we can adjust as we go along if necessary. It
looks like we will need to move below 3.6mc to accommodate
all license classes...something I didn't think about. Lets take
another look around 3562 up for a clear spot between 8:30 and
9:30 PM EST...and we can stay around later if no net fires up.
Looks like the 2nd Tues night of the month will fit most ops...
so, if ok, we will shoot for Jan 10 and in the future the second Tues
of each month....starting at 8:30PM EST ....freq. will be announced
in a few days.

Can't remember who it was that had access to the list of net freqs,
but could you take a look and see whats going on net-wise from
around 3562 up to where the digital modes start.....tnx.

A NCS is also needed....any volunteers?

That's the latest...73 de Bill K4JYS

14900. eBay gizmo

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-29 15:55:03 UTC
From: Michael Bittner
Topic: 14900 Message: 14900

Interesting gizmo. What is it?
http://www.ebay.com/itm/Shortwave-Radio-Speaker-Ham-Receiver-Vintage-/282304420336?hash=item41baa799f0:g:SAQAAOSwImRYYaBG

Mike, W6MAB
-

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14901. RE: [AWA Group] eBay gizmo

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-29 15:59:42 UTC
From: Mike Feher
Topic: 14900 Message: 14901

Mike –

It is a telephone set used on railroad cars by operators that carried them around. I used to have one about 30 years ago. Not really all that exciting. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

848-245-9115

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
Sent: Thursday, December 29, 2016 10:55 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] eBay gizmo

☐

Interesting gizmo. What is it?

http://www.ebay.com/itm/Shortwave-Radio-Speaker-Ham-Receiver-Vintage-/282304420336?hash=item41baa799f0:g:SAQAAOSwImRYYaBG

Mike, W6MAB

-

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> Avast logo

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www.avast.com <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

14902. de K1TG - Part needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-29 17:06:36 UTC
From: Roger Kuchera
Topic: 14902 Message: 14902

GA Gentlemen, Once again I find my junque box is lacking a critical part I need for a restoration. To wit:

One (1) - 6-pin coil form, Phenolic. a ribbed form of 2 1/4 inches diameter (Large type). If memory serves me both Bud and Hammarlund made them. New or Used is fine as long as a used one doesn't resemble a Swiss cheese.

I will trade or buy such a unit. I have a fairly large selection of coil forms made by Bud,Hammarlund, ICA, Octocoil.

As always the help is most appreciated. Thanks!

Roger/K1TG

14903. Re: [AWA Group] de K1TG - Part needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-29 22:22:47 UTC
From: Bill Stewart
Topic: 14902 Message: 14903
Attachments: 1 described; binary payloads are missing from this source WARC

Roger,
Are any of these like you need?
73 de Bill K4JYS

----- Original Message -----

From: "Roger Kuchera rwkuchera@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "AWAGroup" <awagroup@yahoogroups.com>
Sent: Thursday, December 29, 2016 12:06:36 PM
Subject: [AWA Group] de K1TG - Part needed

GA Gentlemen,
Once again I find my junque box is lacking a critical part I need for a restoration. To wit:

One (1) - 6-pin coil form, Phenolic. a ribbed form of 2 1/4 inches diameter (Large type). If memory serves me both Bud and Hammarlund made them. New or Used
is fine as long as a used one doesn't resemble a Swiss cheese.

I will trade or buy such a unit. I have a fairly large selection of coil forms made by Bud, Hammarlund, ICA, Octocoil.

As always the help is most appreciated. Thanks!

Roger/K1TG

14904. Chirp

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-30 13:06:04 UTC
From: Louis Vermond
Topic: 14904 Message: 14904

From: Boatanchors <boatanchors-bounces@mailman.qth.net> on behalf of Bill Cromwell <wrcromwell@...>
Sent: Thursday, December 29, 2016 11:59 AM
To: boatanchors@...
Subject: Re: [Boatanchors] "Chirp is a Beautiful Thing"

Hi,

Some of the old timers like to howl and carry on about how they used to walk 10 miles to school through chest deep snow uphill both ways. And how they could so easily pick out one transmitter from the many that could be heard simultaneously on a novice band. Those transmitters all had their own, individual voices and combining that with all those individual fists - of course it was easy. At least less difficult. Some amount of chirp is one of the ingredients. The accursed 'yaecomwood' radios are pretty much "sterile" and all sound alike. CW is sent by keyers, memory keyers, and computers. Pretty much sterile, too.

I have looked at some signals with varying amounts of chirp on waterfall displays and I see a small "j" hook on the leading edge. It doesn't take much. There is no need to sweep a dit or dah across two or three QSOs in progress but a small dose of chirp goes a long way toward individual identification. Put the same amount of 'hook' on the other side and two otherwise identical stations are *different*. I have heard some signals in the past that I know must be from a small amount of modulation - perhaps FM - on that CW tone. It wasn't enough to identify the source of the "problem" but it was enough to identify one ham and his station - instantly. Operating as NCS in NTS traffic nets I could recognize and acknowledge certain stations from just one character in Morse. It isn't all bad.

73,

Bill KU8H

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https://www.avast.com/antivirus

14905. Re: [AWA Group] Re; AWA 29er Net - First Try

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-30 16:03:53 UTC
From: mbdittmar@...
Topic: 14899 Message: 14905

My friend KD0VBR would also like to participate...twin 203A hartley / twin 860 PA

----- Original Message -----

From: "Bill Stewart cwopr@embarqmail.com [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Sent: Thursday, December 29, 2016 8:49:25 AM
Subject: [AWA Group] Re; AWA 29er Net - First Try

GM All,
First here is a list of all interested parties as of this morning:
WA6VYN AB0CW KK4GFR W1ZB VE3LYX VE3AWA
KB0ROB WB9WHG WT2W K4JYS
Excellent....

It's hard to get the scheduled time and freq to suit all, but this is
a flexible net and we can adjust as we go along if necessary. It
looks like we will need to move below 3.6mc to accommodate
all license classes...something I didn't think about. Lets take
another look around 3562 up for a clear spot between 8:30 and
9:30 PM EST...and we can stay around later if no net fires up.
Looks like the 2nd Tues night of the month will fit most ops...
so, if ok, we will shoot for Jan 10 and in the future the second Tues
of each month....starting at 8:30PM EST ....freq. will be announced
in a few days.

Can't remember who it was that had access to the list of net freqs,
but could you take a look and see whats going on net-wise from
around 3562 up to where the digital modes start.....tnx.

A NCS is also needed....any volunteers?

That's the latest...73 de Bill K4JYS

14906. Re: de K1TG - Part needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-30 19:18:18 UTC
From: vd6s5w2dorofdhinf33ran76mt4likcn3m5oq3up@...
Topic: 14902 Message: 14906

Interesting timing - I'm looking for the same part only in a 1.5" form - four total.

I'm wondering if anyone is using a 3D printer to manufacture parts being difficult to find or unavailable.

Or was that a blasphemous question? Hi

Peter N0GRM

14907. To the '29 Builders

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-30 18:07:22 UTC
From: Louis Vermond
Topic: 14907 Message: 14907
Attachments: 3 described; binary payloads are missing from this source WARC

Hello,

I am restoring this eBay won original 80 mtr. TNT. This is more a WX report then a show & tell.

73, Lou
VE3AWA

"What was on hand" construction.
Used brass wood screws to mount Sangamos on a cut-down 3-dialer RX lid and for wire connections (!).

What I am now seeing out the window...

Is it possibe to have a be better day?
Back to it...

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14908. Re: [AWA Group] To the '29 Builders

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-30 21:50:08 UTC
From: Steve
Topic: 14907 Message: 14908

Looks very cozy there in the 3AWA workshop!

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

*** Note this site will close as of March '17 ***
*** It has now been moved to: http://qsl.net/ve7sl/ ***
*** Please bookmark the new site ***

VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves":
http://ve7sl.blogspot.ca/

14909. - Part needed ... N0GRM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-30 22:05:29 UTC
From: Louis Vermond
Topic: 14909 Message: 14909

Interesting timing - I'm looking for the same part only in a 1.5" form - four total.

What are you using them for, Peter? Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14910. Re: [AWA Group] Re; AWA 29er Net - First Try

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-30 22:40:57 UTC
From: Bill Stewart
Topic: 14899 Message: 14910

Tnx Mark, will add him to the list....Bill

----- Original Message -----

From: "mbdittmar@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: AWAGroup@yahoogroups.com
Sent: Friday, December 30, 2016 11:03:53 AM
Subject: Re: [AWA Group] Re; AWA 29er Net - First Try

My friend KD0VBR would also like to participate...twin 203A hartley / twin 860 PA

----- Original Message -----

From: "Bill Stewart cwopr@... [AWAGroup]" <AWAGroup@yahoogroups.com>
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Sent: Thursday, December 29, 2016 8:49:25 AM
Subject: [AWA Group] Re; AWA 29er Net - First Try

GM All,
First here is a list of all interested parties as of this morning:
WA6VYN AB0CW KK4GFR W1ZB VE3LYX VE3AWA
KB0ROB WB9WHG WT2W K4JYS
Excellent....

It's hard to get the scheduled time and freq to suit all, but this is
a flexible net and we can adjust as we go along if necessary. It
looks like we will need to move below 3.6mc to accommodate
all license classes...something I didn't think about. Lets take
another look around 3562 up for a clear spot between 8:30 and
9:30 PM EST...and we can stay around later if no net fires up.
Looks like the 2nd Tues night of the month will fit most ops...
so, if ok, we will shoot for Jan 10 and in the future the second Tues
of each month....starting at 8:30PM EST ....freq. will be announced
in a few days.

Can't remember who it was that had access to the list of net freqs,
but could you take a look and see whats going on net-wise from
around 3562 up to where the digital modes start.....tnx.

A NCS is also needed....any volunteers?

That's the latest...73 de Bill K4JYS

14911. To the '29 Builders ... Show and tell then a dial need de cozy 3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-30 22:56:17 UTC
From: Louis Vermond
Topic: 14911 Message: 14911
Attachments: 4 described; binary payloads are missing from this source WARC

Removing oxidation from hardrubber stator supports.
600 grit wet & dry with water.

Need Kurz-Kasch 3" dial.
Considering the project, condition is secondary. No chips or cracks would be a help tho.
Ideally the scale would read 100-0, but 0-100 would do.
One shown has another job to do.
Thanks, Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14912. Re: AWA 29er Net

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-30 22:59:43 UTC
From: Louis Vermond
Topic: 14912 Message: 14912

My friend KD0VBR would also like to participate...twin 203A hartley / twin 860 PA

I nominate 0VBR for Net Control!

Lou

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

14913. Re: [AWA Group] Re: de K1TG - Part needed

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-31 06:01:43 UTC
From: Roger Kuchera
Topic: 14902 Message: 14913

GM Peter, Let me look in my junque box over the weekend. Do they need to be all the same manufacturer?
Roger/K1TG

On Friday, December 30, 2016 2:18 PM, "vd6s5w2dorofdhinf33ran76mt4likcn3m5oq3up@yahoo.com [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

#yiv6660916564 #yiv6660916564 -- #yiv6660916564 .yiv6660916564ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv6660916564 div.yiv6660916564ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv6660916564 div.yiv6660916564photo-title a, #yiv6660916564 div.yiv6660916564photo-title a:active, #yiv6660916564 div.yiv6660916564photo-title a:hover, #yiv6660916564 div.yiv6660916564photo-title a:visited {text-decoration:none;}#yiv6660916564 div.yiv6660916564attach-table div.yiv6660916564attach-row {clear:both;}#yiv6660916564 div.yiv6660916564attach-table div.yiv6660916564attach-row div {float:left;}#yiv6660916564 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv6660916564 div.yiv6660916564ygrp-file {width:30px;}#yiv6660916564 div.yiv6660916564attach-table div.yiv6660916564attach-row div div a {text-decoration:none;}#yiv6660916564 div.yiv6660916564attach-table div.yiv6660916564attach-row div div span {font-weight:normal;}#yiv6660916564 div.yiv6660916564ygrp-file-title {font-weight:bold;}#yiv6660916564 #yiv6660916564 #yiv6660916564 #yiv6660916564 --#yiv6660916564ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv6660916564 #yiv6660916564ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv6660916564 #yiv6660916564ygrp-mkp #yiv6660916564hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv6660916564 #yiv6660916564ygrp-mkp #yiv6660916564ads {margin-bottom:10px;}#yiv6660916564 #yiv6660916564ygrp-mkp .yiv6660916564ad {padding:0 0;}#yiv6660916564 #yiv6660916564ygrp-mkp .yiv6660916564ad p {margin:0;}#yiv6660916564 #yiv6660916564ygrp-mkp .yiv6660916564ad a {color:#0000ff;text-decoration:none;}#yiv6660916564

Interesting timing - I'm looking for the same part only in a 1.5" form - four total.
I'm wondering if anyone is using a 3D printer to manufacture parts being difficult to find or unavailable.
Or was that a blasphemous question? Hi

Peter N0GRM

14914. Re: [AWA Group] - Part needed ... N0GRM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-31 15:33:09 UTC
From: Roger Kuchera
Topic: 14909 Message: 14914

Additional question: How many pins, 6 ??
Roger/K1TG

On Friday, December 30, 2016 5:05 PM, "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv0108930445 #yiv0108930445 .yiv0108930445ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv0108930445 div.yiv0108930445ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv0108930445 div.yiv0108930445photo-title a, #yiv0108930445 div.yiv0108930445photo-title a:active, #yiv0108930445 div.yiv0108930445photo-title a:hover, #yiv0108930445 div.yiv0108930445photo-title a:visited {text-decoration:none;}#yiv0108930445 div.yiv0108930445attach-table div.yiv0108930445attach-row {clear:both;}#yiv0108930445 div.yiv0108930445attach-table div.yiv0108930445attach-row div {float:left;}#yiv0108930445 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv0108930445 div.yiv0108930445ygrp-file {width:30px;}#yiv0108930445 div.yiv0108930445attach-table div.yiv0108930445attach-row div div a {text-decoration:none;}#yiv0108930445 div.yiv0108930445attach-table div.yiv0108930445attach-row div div span {font-weight:normal;}#yiv0108930445 div.yiv0108930445ygrp-file-title {font-weight:bold;}#yiv0108930445 --> ☐

Interesting timing - I'm looking for the same part only in a 1.5" form - four total.What are you using them for, Peter? Lou

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14915. Re: [AWA Group] To the '29 Builders ... Show and tell then a dial need de cozy 3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-31 15:36:07 UTC
From: Roger Kuchera
Topic: 14911 Message: 14915
Attachments: 4 described; binary payloads are missing from this source WARC

GM Lou, Re: the KK dial, It looks like the same type as my 2-speed Lombardi. Does what your looking for have ahole drilled through it?
Roger/K1TG

On Friday, December 30, 2016 5:56 PM, "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv3047076368 #yiv3047076368 .yiv3047076368ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv3047076368 div.yiv3047076368ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv3047076368 div.yiv3047076368photo-title a, #yiv3047076368 div.yiv3047076368photo-title a:active, #yiv3047076368 div.yiv3047076368photo-title a:hover, #yiv3047076368 div.yiv3047076368photo-title a:visited {text-decoration:none;}#yiv3047076368 div.yiv3047076368attach-table div.yiv3047076368attach-row {clear:both;}#yiv3047076368 div.yiv3047076368attach-table div.yiv3047076368attach-row div {float:left;}#yiv3047076368 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv3047076368 div.yiv3047076368ygrp-file {width:30px;}#yiv3047076368 div.yiv3047076368attach-table div.yiv3047076368attach-row div div a {text-decoration:none;}#yiv3047076368 div.yiv3047076368attach-table div.yiv3047076368attach-row div div span {font-weight:normal;}#yiv3047076368 div.yiv3047076368ygrp-file-title {font-weight:bold;}#yiv3047076368 -->

  Removing oxidation from hardrubber stator supports.600 grit wet & dry with water. Need Kurz-Kasch 3" dial.Considering the project, condition is secondary. No chips or cracks would be a help tho.Ideally the scale would read 100-0, but 0-100 would do. One shown has another job to do. Thanks, Lou

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14916. Re: - Part needed ... N0GRM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-31 16:06:49 UTC
From: vd6s5w2dorofdhinf33ran76mt4likcn3m5oq3up@...
Topic: 14909 Message: 14916

1936 Superhet receiver - Starting with an ARRL design (book and Feb 36 article). Oscillator and Mixer coils.
I wound the 80m oscillator on 1.5" pvc sink pipe - and built the osc circuit around that - it works fine - 6D6 tube.

14917. Re: [AWA Group] - Part needed ... N0GRM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-31 16:10:33 UTC
From: vd6s5w2dorofdhinf33ran76mt4likcn3m5oq3up@...
Topic: 14909 Message: 14917

Six pins -

And it was the April 1936 issue of ARRL where the follow up article and schematic to that found in the handbook.

Thanks

14918. Show and tell then a dial need de cozy 3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-31 16:11:47 UTC
From: Louis Vermond
Topic: 14918 Message: 14918

Hi Roger,

Does what your looking for have a hole drilled through it?

Do u mean thru the knob? Is so, no.

Lou

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https://www.avast.com/antivirus

14919. Re: [AWA Group] Show and tell then a dial need de cozy 3AWA

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-31 16:21:41 UTC
From: Roger Kuchera
Topic: 14918 Message: 14919

OK! Let me look in the junque box.
R.

On Saturday, December 31, 2016 11:11 AM, "'Louis Vermond' ve3awa@... [AWAGroup]" <AWAGroup@yahoogroups.com> wrote:

<!--#yiv2768762321 #yiv2768762321 .yiv2768762321ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv2768762321 div.yiv2768762321ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv2768762321 div.yiv2768762321photo-title a, #yiv2768762321 div.yiv2768762321photo-title a:active, #yiv2768762321 div.yiv2768762321photo-title a:hover, #yiv2768762321 div.yiv2768762321photo-title a:visited {text-decoration:none;}#yiv2768762321 div.yiv2768762321attach-table div.yiv2768762321attach-row {clear:both;}#yiv2768762321 div.yiv2768762321attach-table div.yiv2768762321attach-row div {float:left;}#yiv2768762321 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv2768762321 div.yiv2768762321ygrp-file {width:30px;}#yiv2768762321 div.yiv2768762321attach-table div.yiv2768762321attach-row div div a {text-decoration:none;}#yiv2768762321 div.yiv2768762321attach-table div.yiv2768762321attach-row div div span {font-weight:normal;}#yiv2768762321 div.yiv2768762321ygrp-file-title {font-weight:bold;}#yiv2768762321 --> ☐

Hi Roger,

  Does what your looking for have a hole drilled through it?
Do u mean thru the knob? Is so, no. Lou

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14920. Re: [AWA Group] Re: - Part needed ... N0GRM

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-31 16:24:51 UTC
From: Louis Vermond
Topic: 14909 Message: 14920

1936 Superhet receiver - Starting with an ARRL design (book and Feb 36 article). Oscillator and Mixer coils.

I wound the 80m oscillator on 1.5" pvc sink pipe - and built the osc circuit around that - it works fine - 6D6 tube.

Thank you, Peter.

There has been an avalanche of sophisticated RX this season. Wonderful. I'm sure that you will be taking photos from all angles when completed. Please post them here or in a Group File.

Larry, Roger, you too please.

Lou

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https://www.avast.com/antivirus

14921. AWAGroup

Yahoo group: AWAGroup (2014 — 2016)
Date: 2016-12-31 23:23:09 UTC
From: Louis Vermond
Topic: 9315 Message: 14921
Attachments: 1 described; binary payloads are missing from this source WARC

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https://www.avast.com/antivirus